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(Exact name of registrant as specified in its charter)Delaware25-0317820(State of incorporation)Â Â (I.R.S. Employer Identification No.)201 Isabella Street, Suite 200, Pittsburgh, Pennsylvania 15212-5872 (Address of principal executive offices)Â Â Â Â Â (Zip code)Investor Relations 412-553-1950Office of the Secretary 412-553-1940 (Registrantâ€™s telephone numbers, including area code)Securities registered pursuant to Section 12(b) of the Act:Title of each classÂ Trading SymbolName of each exchange on which registeredÂ Common Stock, par value $1.00 per shareHWMNew York Stock Exchange$3.75 Cumulative Preferred Stock, par value $100.00 per shareHWM PRNYSE AmericanIndicate by check mark whether the registrant (1)Â has filed all reports required to be filed by SectionÂ 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2)Â has been subject to such filing requirements for the past 90 days.Â Â YesÂ Â âœ“Â Â Â Â Â NoÂ Â Â Â Â Â Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).Â YesÂ Â âœ“Â Â Â Â Â NoÂ Â Â Â Â Â Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act.Large accelerated filerxAcceleratedÂ filerÂ˜Non-acceleratedÂ filerÂ˜SmallerÂ reportingÂ companyÂ˜EmergingÂ growthÂ companyÂ˜If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to SectionÂ 13(a) of the Exchange Act.Â Â Â Â Â Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YesÂ Â˜Â Â Â Â NoÂ Â xAs of NovemberÂ 4, 2024, there were 406,260,649 shares of common stock, par value $1.00 per share, of the registrant outstanding.TABLE OF CONTENTSÂ Â Â PagePartÂ IItemÂ 1.Financial Statements and Supplementary Data3Statement of Consolidated Operations for the Third Quarter and Nine Months Ended September 30, 2024 and 20233Statement of Consolidated Comprehensive Income for the Third Quarter and Nine Months Ended September 30, 2024 and 20234Consolidated Balance Sheet as of September 30, 2024 and December 31, 20235Statement of Consolidated Cash Flows for the Nine Months Ended September 30, 2024 and 20236Statement of Changes in Consolidated Equity for the Third Quarter Ended September 30, 2024 and 20237Statement of Changes in Consolidated Equity for the Nine Months Ended September 30, 2024 and 20238Notes to the Consolidated Financial Statements9Item 2.Management's Discussion and Analysis of Financial Condition and Results of Operations26Item 3.Quantitative and Qualitative Disclosures About Market Risk33Item 4.Controls and Procedures33Part IIItem 1.Legal Proceedings34Item 1A.Risk Factors34Item 2.Unregistered Sales of Equity Securities and Use of Proceeds34Item 6.Exhibits35Signatures36PART I â€“ FINANCIAL INFORMATIONItemÂ 1. Financial Statements and Supplementary Data.Howmet Aerospace Inc. and subsidiaries Statement of Consolidated Operations (unaudited)(in millions, except per-share amounts)Third quarter endedNine months endedÂ September 30,September 30,Â 202420232024Sales (C)$1,835Â $1,658Â $5,539Â $4,909Â Cost of goods sold (exclusive of expenses below)1,253Â 1,183Â 3,830Â 3,543Â Selling, general administrative, and other expenses85Â 87Â 270Â 250Â Research and development expenses9Â 9Â 26Â 27Â Provision for depreciation and amortization68Â 68Â 204Â 204Â Restructuring and other (credits) charges (D)(1)4Â 21Â 8Â Operating income421Â 307Â 1,188Â 877Â Loss on debt redemption (N)6Â â€“Â 6Â 1Â Interest expense, net44Â 54Â 142Â 166Â Other expense, net (F)17Â 11Â 49Â 5Â Income before income taxes354Â 242Â 991Â 705Â Provision for income taxes (G)22Â 54Â 150Â 176Â Net income$332Â $188Â $841Â $529Â Amounts Attributable to Howmet Aerospace Common Shareholders (H):Net income$331Â $187Â $839Â $527Â Earnings per share:Basic$0.81Â $0.45Â $2.06Â $1.28Â Diluted$0.81Â $0.45Â $2.04Â $1.27Â Average Shares Outstanding (H):Basic408Â 412Â 408Â 412Â Diluted410Â 415Â 411Â 417Â Â Â Â Â The accompanying notes are an integral part of the consolidated financial statements.3Howmet Aerospace Inc. and subsidiariesStatement of Consolidated Comprehensive Income (unaudited)(in millions)Third quarter endedNine months endedÂ September 30,September 30,2024202320242023Net income$332Â $188Â $841Â $529Â Other comprehensive income (loss), net of tax (I):Change in unrecognized net actuarial loss and prior service benefit related to pension and other postretirement benefits8Â 10Â 15Â 19Â Foreign currency translation adjustments 71Â (56)30Â (18)Net change in unrecognized (losses) gains on cash flow hedges(19)4Â (13)(10)Total Other comprehensive income (loss), net of tax 60Â (42)32Â (9)Comprehensive income$392Â $146Â $873Â $520Â The accompanying notes are an integral part of the consolidated financial statements.4 Howmet Aerospace Inc. and subsidiariesConsolidated Balance Sheet (unaudited)(in millions)September 30, 2024December 31, 2023AssetsCurrent assets:Cash and cash equivalents$475Â $610Â Receivables from customers, less allowances of $â€” in both 2024 and 2023 (J)757Â 675Â Other receivables18Â 17Â Inventories (K)1,902Â 1,765Â Prepaid expenses and other current assets239Â 249Â Total current assets3,391Â 3,316Â Properties, plants, and equipment, net (L)2,358Â 2,328Â Goodwill4,047Â 4,035Â Deferred income taxes39Â 46Â Intangibles, net484Â 505Â Other noncurrent assets (M)239Â 198Â Total assets$10,558Â $10,428Â LiabilitiesCurrent liabilities:Accounts payable, trade (Q)$917Â $982Â Accrued compensation and retirement costs288Â 263Â Taxes, including income taxes (G)59Â 68Â Accrued interest payable25Â 65Â Other current liabilities (M)(Q)227Â 200Â Long-term debt due within one year (N)1Â 206Â Total current liabilities1,517Â 1,784Â Long-term debt (N)(O)3,393Â 3,500Â Accrued pension benefits (E)629Â 664Â Accrued other postretirement benefits (E)84Â 92Â Other noncurrent liabilities and deferred credits (M)432Â 351Â Total liabilities6,055Â 6,391Â Contingencies and commitments (Q)EquityHowmet Aerospace shareholdersâ€™ equity:Preferred stock55Â 55Â Common stock407Â 410Â Additional capital3,386Â 3,682Â Retained earnings2,453Â 1,720Â Accumulated other comprehensive loss (I)(1,798)(1,830)Total equity4,503Â 4,037Â Total liabilities and equity$10,558Â $10,428Â The accompanying notes are an integral part of the consolidated financial statements.5Howmet Aerospace Inc. and subsidiariesStatement of Consolidated Cash Flows (unaudited)(in millions)Nine months endedÂ September 30,Â 20242023Operating activities Net income$841Â $529Â Adjustments to reconcile net income to cash provided from operations:Depreciation and amortization204Â 204Â Deferred income taxes39Â 92Â Restructuring and other charges21Â 8Â Net realized and unrealized losses18Â 17Â Net periodic pension cost (E)31Â 28Â Stock-based compensation54Â 39Â Loss on debt redemption (N)6Â 1Â Other4Â 2Â Changes in assets and liabilities, excluding effects of acquisitions, divestitures, and foreign currency translation adjustments:Increase in receivables (J)(97)(211)Increase in inventories(139)(148)Decrease (increase) in prepaid expenses and other current assets9Â (12)Decrease in accounts payable, trade(67)(57)Decrease in accrued expenses (42)(18)(Decrease) increase in taxes, including income taxes(5)17Â Pension contributions (33)(19)Increase in noncurrent assets(6)(2)Decrease in noncurrent liabilities(20)(27)Cash provided from operations818Â 443Â Financing ActivitiesAdditions to debt (N)500Â â€“Â Repurchases and payments on debt (N)(805)(376)Debt issuance costs (N)(5)â€“Â Premiums paid on early redemption of debt (N)(5)(1)RepurchasesÂ ofÂ commonÂ stock(310)(150)Proceeds from exercise of employee stock options7Â 10Â Dividends paid to shareholders(76)(52)Taxes paid for net share settlement of equity awards(48)(77)Cash used for financing activities(742)(646)Investing ActivitiesCapital expenditures (C)(219)(164)Proceeds from the sale of assets and businesses (D)(P)9Â 1Â Other1Â â€“Â Cash used for investing activities(209)(163)Effect of exchange rate changes on cash, cash equivalents and restricted cash(2)(1)Net change in cash, cash equivalents and restricted cash (135)(367)Cash, cash equivalents and restricted cash at beginning of period 610Â 792Â Cash, cash equivalents and restricted cash at end of period$475Â $425Â Â Â Â Â The accompanying notes are an integral part of the consolidated financial statements.6Howmet Aerospace Inc. and subsidiariesStatement of Changes in Consolidated Equity (unaudited)(in millions, except per-share amounts)Â PreferredstockCommonstockAdditionalcapitalRetainedearningsAccumulatedothercomprehensivelossTotalEquityBalance at June 30, 2023$55Â $412Â $3,782Â $1,334Â $(1,808)$3,775Â Net incomeâ€”Â â€”Â â€”Â 188Â â€”Â 188Â Other comprehensive loss (I)â€”Â â€”Â â€”Â â€”Â (42)(42)Cash dividends declared:Preferred-ClassÂ A @ $0.9375 per shareâ€”Â â€”Â â€”Â (1)â€”Â (1)Â Common @ $0.09 per shareâ€”Â â€”Â â€”Â (36)â€”Â (36)Repurchase and retirement of common stock (H)â€”Â â€”Â (25)â€”Â â€”Â (25)Stock-based compensation â€”Â â€”Â 13Â â€”Â â€”Â 13Â Balance at September 30, 2023$55Â $412Â $3,770Â $1,485Â $(1,850)$3,872Â Â PreferredstockCommonstockAdditionalcapitalRetainedearningsAccumulatedothercomprehensivelossTotalEquityBalance at June 30, 2024$55Â $408Â $3,486Â $2,186Â $(1,858)$4,277Â Net incomeâ€”Â â€”Â â€”Â 332Â â€”Â 332Â Other comprehensive income (I)â€”Â â€”Â â€”Â â€”Â 60Â 60Â Cash dividends declared:Preferred-ClassÂ A @ $0.9375 per shareâ€”Â â€”Â â€”Â (1)â€”Â (1)Â Common @ $0.16 per shareâ€”Â â€”Â â€”Â (64)â€”Â (64)Repurchase and retirement of common stock (H)â€”Â (1)(101)â€”Â â€”Â (102)Stock-based compensation â€”Â â€”Â 16Â â€”Â â€”Â 16Â Common stock issued: compensation plans â€”Â â€”Â (15)â€”Â â€”Â (15)Balance at September 30, 2024$55Â $407Â $3,386Â $2,453Â $(1,798)$4,503Â The accompanying notes are an integral part of the consolidated financial statements.7Howmet Aerospace Inc. and subsidiariesStatement of Changes in Consolidated Equity (unaudited)(U.S. dollars in millions, except per-share amounts)Â PreferredstockCommonstockAdditionalcapitalRetainedearningsAccumulatedothercomprehensivelossTotalEquityBalance at DecemberÂ 31, 2022$55Â $412Â $3,947Â $1,028Â $(1,841)$3,601Â Net incomeâ€”Â â€”Â â€”Â 529Â â€”Â 529Â Other comprehensive loss (I)â€”Â â€”Â â€”Â â€”Â (9)(9)Cash dividends declared:Preferred-ClassÂ A @ $2.8125 per shareâ€”Â â€”Â â€”Â (2)â€”Â (2)Common @ $0.17 per shareâ€”Â â€”Â â€”Â (70)â€”Â (70)Repurchase and retirement of common stock (H)â€”Â (3)(147)â€”Â â€”Â (150)Stock-based compensation â€”Â â€”Â 39Â â€”Â â€”Â 39Â Common stock issued: compensation plans â€”Â 3Â (69)â€”Â â€”Â (66)Balance at September 30, 2023$55Â $412Â $3,770Â $1,485Â $(1,850)$3,872Â Â Â PreferredstockCommonstockAdditionalcapitalRetainedearningsAccumulatedothercomprehensivelossTotalEquityBalance at DecemberÂ 31, 2023$55Â $410Â $3,682Â $1,720Â $(1,830)$4,037Â Net incomeâ€”Â â€”Â â€”Â 841Â â€”Â 841Â Other comprehensive income (I)â€”Â â€”Â â€”Â â€”Â 32Â 32Â Cash dividends declared:Preferred-ClassÂ A @ $2.8125 per shareâ€”Â â€”Â â€”Â (2)â€”Â (2)Common @ $0.26 per shareâ€”Â â€”Â â€”Â (106)â€”Â (106)Repurchase and retirement of common stock (H)â€”Â (4)(309)â€”Â â€”Â (313)Stock-based compensation â€”Â â€”Â 54Â â€”Â â€”Â 54Â Common stock issued: compensation plans â€”Â 1Â (41)â€”Â â€”Â (40)Balance at September 30, 2024$55Â $407Â $3,386Â $2,453Â $(1,798)$4,503Â The accompanying notes are an integral part of the consolidated financial statements.8Howmet Aerospace Inc. and subsidiariesNotes to the Consolidated Financial Statements (unaudited)(U.S. dollars in millions, except share and per-share amounts)A. Basis of PresentationThe interim Consolidated Financial Statements of Howmet Aerospace Inc. and its subsidiaries (â€œHowmetâ€ or the â€œCompanyâ€ or â€œweâ€ or â€œourâ€) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Companyâ€™s results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (â€œGAAPâ€). This Form 10-Q report should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023 (the â€œForm 10-Kâ€), which includes all disclosures required by GAAP. Certain amounts in previously issued financial statements were reclassified to conform to the current period presentation.In the nine months ended SeptemberÂ 30, 2024, the Company derived approximately 52% of its revenue from products sold to the commercial aerospace market which is less than the pre-pandemic 2019 annual rate of approximately 60%. Aircraft production in the commercial aerospace industry continues to recover based on increases in demand for narrow body and wide body aircraft. We expect our commercial aerospace wide body and narrow body demand, including engine spares, also to continue to grow. Quality control issues at The Boeing Company (â€œBoeingâ€) are expected to negatively impact narrow body and wide body production rates in the near term. For instance, the Federal Aviation Administration stated that it will not approve production rate increases or additional production lines for the Boeing 737 MAX until it is satisfied that Boeing is in full compliance with required quality control procedures. In addition, a labor union work stoppage at Boeing has negatively impacted results. Boeing production levels have a material impact on the financial performance of Howmet. The timing and level of future aircraft builds by original equipment manufacturers are subject to changes and uncertainties, which may cause our future results to differ from prior periods due to changes in product mix in certain segments.The preparation of the Consolidated Financial Statements of the Company in conformity with GAAP requires management to make certain judgments, estimates, and assumptions. These estimates are based on historical experience and, in some cases, assumptions based on current and future market expectations, including considerations relating to changes in the aerospace industry. The impact of these changes, including the macroeconomic considerations, remains highly uncertain. Management has made its best estimates using all relevant information available at the time, but it is possible that our estimates will differ from our actual results and affect the Consolidated Financial Statements in future periods and potentially require adverse adjustments to the recoverability of goodwill, intangible and long-lived assets, the realizability of deferred tax assets and other judgments and estimations and assumptions.B. Recently Adopted and Recently Issued Accounting GuidanceAdoptedIn September 2022, the Financial Accounting Standards Board (â€œFASBâ€) issued guidance to enhance the transparency of disclosures regarding supplier finance programs (See Note Q). These changes became effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years, except for the amendment on rollforward information, which is effective for fiscal years beginning after December 15, 2023.IssuedIn November 2024, the FASB issued guidance to improve disclosures about an entityâ€™s expenses including more detailed information about the components of expenses in commonly presented expense captions. These changes become effective for fiscal years beginning after December 15, 2026, and interim periods within fiscal years beginning after December 15, 2027. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.In December 2023, the FASB issued guidance to enhance the transparency of income tax disclosures including additional details on the rate reconciliation and taxes paid by jurisdiction. These changes become effective for fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.In November 2023, the FASB issued guidance to enhance disclosures related to significant segment expenses and other matters related to reportable segments. These changes become effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.9C. Segment InformationHowmet is a global leader in lightweight metals engineering and manufacturing. Howmetâ€™s innovative, multi-material products, which include nickel, titanium, aluminum, and cobalt, are used worldwide in the aerospace (commercial and defense), commercial transportation, and industrial and other markets. Segment performance under Howmetâ€™s management reporting system is evaluated based on a number of factors; however, the primary measure of performance is Segment Adjusted EBITDA. Howmetâ€™s definition of Segment Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) is net margin plus an add-back for depreciation and amortization. Net margin is equivalent to Sales minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; Research and development expenses; and Provision for depreciation and amortization. Special items, including Restructuring and other (credits) charges, are excluded from net margin and Segment Adjusted EBITDA. Segment Adjusted EBITDA may

not be comparable to similarly titled measures of other companies. Differences between the total segment and consolidated totals are in Corporate.Howmetâ€™s operations consist of four worldwide reportable segments as follows:Engine ProductsEngine Products produces investment castings, including airfoils, and seamless rolled rings primarily for aircraft engines and industrial gas turbine applications. Engine Products produces rotating parts as well as structural parts.Fastening SystemsFastening Systems produces aerospace fastening systems, as well as commercial transportation, industrial and other fasteners. The businessâ€™s high-tech, multi-material fastening systems are found nose to tail on aircraft and aero engines. Fastening Systemsâ€™ products are also critical components of commercial transportation vehicles, and construction, industrial, and renewable energy equipment.Engineered StructuresEngineered Structures produces titanium ingots and mill products for aerospace and defense applications and is vertically integrated to produce titanium forgings, extrusions, forming and machining services for airframe, wing, aero-engine, and landing gear components. Engineered Structures also produces aluminum forgings, nickel forgings, and aluminum machined components and assemblies for aerospace and defense applications.Forged WheelsForged Wheels provides forged aluminum wheels and related products for heavy-duty trucks and the commercial transportation market.10The operating results of the Companyâ€™s reportable segments were as follows:Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentThird quarter ended September 30, 2024Sales:Third-party sales$945Â $392Â $253Â $245Â $1,835Â Inter-segment sales3Â â€”Â 3Â â€”Â 6Â Total sales$948Â $392Â $256Â $245Â $1,841Â Profit and loss:Provision for depreciation and amortization$34Â $12Â $10Â $10Â $66Â Segment Adjusted EBITDA307Â 102Â 38Â 64Â 511Â Restructuring and other charges1Â 1Â 1Â 1Â 4Â Capital expenditures55Â 5Â 5Â 14Â 79Â Third quarter ended September 30, 2023Sales:Third-party sales$798Â $348Â $227Â $285Â $1,658Â Inter-segment sales5Â â€”Â â€”Â â€”Â 5Â Total sales$803Â $348Â $227Â $285Â $1,663Â Profit and loss:Provision for depreciation and amortization$33Â $12Â $12Â $10Â $67Â Segment Adjusted EBITDA219Â 76Â 30Â 77Â 402Â Restructuring and other chargesâ€”Â 1Â 1Â â€”Â 2Â Capital expenditures30Â 9Â 6Â 9Â 54Â Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentNine months ended September 30, 2024Sales:Third-party sales$2,763Â $1,175Â $790Â $811Â $5,539Â Inter-segment sales6Â â€”Â 7Â â€”Â 13Â Total sales$2,769Â $1,175Â $797Â $811Â $5,552Â Profit and loss:Provision for depreciation and amortization$100Â $36Â $32Â $30Â $198Â Segment Adjusted EBITDA848Â 295Â 115Â 221Â 1,479Â Restructuring and other chargesâ€”Â 3Â 15Â 1Â 19Â Capital expenditures143Â 17Â 16Â 35Â 211Â Nine months ended September 30, 2023Sales:Third-party sales$2,414Â $989Â $634Â $872Â $4,909Â Inter-segment sales12Â â€”Â 1Â â€”Â 13Â Total sales$2,426Â $989Â $635Â $872Â $4,922Â Profit and loss:Provision for depreciation and amortization$97Â $35Â $36Â $29Â $197Â Segment Adjusted EBITDA654Â 198Â 80Â 237Â 1,169Â Restructuring and other (credits) charges(1)1Â 7Â â€”Â 7Â Capital expenditures84Â 23Â 21Â 25Â 153Â 11The following table reconciles Total Segment Adjusted EBITDA to Income before income taxes. Differences between the total segment and consolidated totals are in Corporate.Third quarter endedNine months endedSeptember 30,September 30,20242023202420232Total Segment Adjusted EBITDA$511Â $402Â $1,479Â $1,169Â Segment provision for depreciation and amortization(66)(67)(198)(197)Unallocated amounts:Restructuring and other credits (charges)1Â (4)(21)(8)Corporate expense(25)(24)(72)(87)Operating income$421Â $307Â $1,188Â $877Â Loss on debt redemption(6)â€”Â (6)(1)Interest expense, net(44)(54)(142)(166)Other expense, net(17)(11)(49)(5)Income before income taxes$354Â $242Â $991Â $705Â The following table reconciles total segment capital expenditures with Capital expenditures as presented in the Statement of Consolidated Cash Flows.Third quarter endedNine months endedSeptember 30,September 30,20242023202420232Total segment capital expenditures$79Â $54Â $211Â $153Â Corporate3Â 5Â 8Â 11Â Capital expenditures$82Â $59Â $219Â $164Â 12The following table disaggregates segment revenue by major market served. Differences between the total segment and consolidated totals are in Corporate.Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentThird quarter ended September 30, 2024Aerospace - Commercial$534Â $245Â $183Â $â€”Â $962Â Aerospace - Defense 189Â 43Â 57Â â€”Â 289Â Commercial Transportationâ€”Â 65Â â€”Â 245Â 310Â Industrial and Other222Â 39Â 13Â â€”Â 274Â Total end-market revenue$945Â $392Â $253Â $245Â $1,835Â Third quarter ended September 30, 2023Aerospace - Commercial$446Â $209Â $165Â $â€”Â $820Â Aerospace - Defense 165Â 41Â 45Â â€”Â 251Â Commercial Transportationâ€”Â 67Â â€”Â 285Â 352Â Industrial and Other187Â 31Â 17Â â€”Â 235Â Total end-market revenue$798Â $348Â $227Â $285Â $1,658Â Nine months ended September 30, 2024Aerospace - Commercial$1,554Â $740Â $575Â $â€”Â $2,869Â Aerospace - Defense 566Â 119Â 174Â â€”Â 859Â Commercial Transportationâ€”Â 199Â â€”Â 811Â 1,010Â Industrial and Other643Â 117Â 41Â â€”Â 801Â Total end-market revenue$2,763Â $1,175Â $790Â $811Â $5,539Â Nine months ended September 30, 2023Aerospace - Commercial$1,324Â $563Â $458Â $â€”Â $2,345Â Aerospace - Defense 502Â 131Â 131Â â€”Â 764Â Commercial Transportationâ€”Â 192Â â€”Â 872Â 1,064Â Industrial and Other588Â 103Â 45Â â€”Â 736Â Total end-market revenue$2,414Â $989Â $634Â $872Â $4,909Â The Company derived 67% and 63% of its revenue from the aerospace (commercial and defense) markets for the nine months ended SeptemberÂ 30, 2024 and 2023, respectively.On April 2, 2024, General Electric Company, one of our largest customers, completed the spin-off of its energy-focused business into GE Vernova, a new publicly traded company. Since then, General Electric Company operates as GE Aerospace. GE Aerospace and RTX Corporation each represented approximately 10% of the Companyâ€™s third-party sales in the nine months ended SeptemberÂ 30, 2024. General Electric Company and RTX Corporation represented approximately 13% and 10%, respectively, of the Companyâ€™s third-party sales in the nine months ended SeptemberÂ 30, 2023. These sales were primarily from the Engine Products segment. 13D. Restructuring and Other (Credits) ChargesThird quarter endedNine months endedSeptember 30,September 30,20242023202420232Layoff costs$1Â $1Â $8Â $1Â Reversals of previously recorded layoff reserves(1)â€”Â (1)(1)Pension and Other post-retirement benefits - net settlements (E)â€”Â 2Â â€”Â 5Â Net (gain) loss related to divestitures of assets and businesses (P)(1)â€”Â 12Â â€”Â Otherâ€”Â 1Â 2Â 3Â Total restructuring and other (credits) charges(1)4Â $21Â $8Â In the third quarter of 2024, the Company recorded Restructuring and other credits of $1, which were primarily due to a $1 gain related to the resolution of post-closing adjustments from the May 2024 sale of a small U.K. manufacturing facility in Engineered Structures and a reversal of $1 for a layoff reserve related to a prior period, partially offset by a $1 charge for layoff costs. In the nine months ended SeptemberÂ 30, 2024, the Company recorded Restructuring and other (credits) charges of $21, which were primarily due to a net loss on the sale of a small U.K. manufacturing facility in Engineered Structures of $13, an $8 charge for layoff costs,Â including the separation ofÂ 293Â employees (144Â in Fastening Systems,Â 111Â in Engineered Structures andÂ 38Â in Forged Wheels), and exit related costs, including accelerated depreciation, of $2, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1 and a reversal of $1 for a layoff reserve related to a prior period.In the third quarter of 2023, the Company recorded Restructuring and other (credits) charges of $4, which were primarily due to charges for a Canadian pension plan settlement of $2, layoff charges of $1, and exit related costs, including accelerated depreciation of $1.In the nine months ended SeptemberÂ 30, 2023, the Company recorded Restructuring and other (credits) charges of $8, which were primarily due to charges for a U.S. and Canadian pension plan settlements of $5, exit related costs, including accelerated depreciation of $3, and layoff charges of $1, partially offset by a reversal of $1 for a layoff reserve related to a prior period.Layoff costsOtherÂ exit costsTotalReserve balances at December 31, 2023$5Â $2Â $7Â Cash payments(6)(1)(7)Restructuring charges7Â 14Â 21Â Other(1)â€”Â (14)(14)Reserve balances at September 30, 2024$6Â $1Â $7Â (1)In the nine months ended SeptemberÂ 30, 2024, other for other exit costs included a net loss of $13 on the sale of a small U.K. manufacturing facility and a charge of $2 for accelerated depreciation, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1.The remaining reserves as of SeptemberÂ 30, 2024 are expected to be paid in cash during the remainder of 2024 and 2025.14E. Pension and Other Postretirement BenefitsThe components of net periodic cost (benefit) were as follows:Third quarter endedNine months endedÂ September 30,September 30,20242023202420232Pension benefitsService cost$1Â $â€”Â $2Â $2Â Interest cost18Â 20Â 56Â 60Â Expected return on plan assets(17)(18)(52)(55)Recognized net actuarial loss9Â 7Â 25Â 21Â Settlementsâ€”Â 2Â â€”Â 5Â Net periodic cost(1)$11Â $11Â $31Â $33Â Other postretirement benefitsÂ Â Â Â Service cost$â€”Â 1Â $â€”Â 1Â Interest cost1Â 2Â 4Â 5Â Recognized net actuarial gain(1)(1)(2)(2)Amortization of prior service benefit(2)(3)(7)(7)Net periodic benefit(1)(2)(1)(5)(3)Â (1)Service cost was included within Cost of goods sold and Selling, general administrative, and other expenses; settlements were included in Restructuring and other (credits) charges; all other cost components were recorded in Other expense, net in the Statement of Consolidated Operations. Pension benefitsIn the third quarter and nine months ended SeptemberÂ 30, 2023, the Company applied settlement accounting to its Canadian pension plan due to lump sum payments made to participants, reducing gross pension obligations by $12. In June 2023, the Company also undertook additional actions to reduce gross pension obligations by $19 by purchasing group annuity contracts from a third-party carrier to pay and administer future annuity payments of a U.S. pension plan. Settlement charges of $2 and $5 were recognized in the third quarter and nine months ended SeptemberÂ 30, 2023, respectively. All settlement charges were recorded in Restructuring and other (credits) charges in the Statement of Consolidated Operations.For the third quarter and nine months ended SeptemberÂ 30, 2024, Howmetâ€™s combined pension contributions and other postretirement benefit payments were approximately $19 and $41, respectively. For the third quarter and nine months ended SeptemberÂ 30, 2023, Howmetâ€™s combined pension contributions and other postretirement benefit payments were approximately $9 and $28, respectively.F. Other Expense, NetThird quarter endedNine months endedÂ September 30,September 30,20242023202420232Non-service costs - pension and other postretirement benefits (E)$8Â $7Â $24Â $22Â Interest income(4)(5)(15)(15)Foreign currency losses, net2Â 5Â 9Â 3Â Net realized and unrealized losses5Â 6Â 18Â 17Â Deferred compensation6Â (1)14Â 5Â Other, netâ€”Â (1)(1)(27)Total other expense, net$17Â $11Â $49Â $5Â In the nine months ended SeptemberÂ 30, 2023, Other, net primarily includes the reversal of $25, net of legal fees of $1, of the $65 pre-tax charge taken in the third quarter of 2022 related to the Lehman Brothers International (Europe) legal proceeding (See Note Q) due to the final settlement of such proceeding in June 2023. 15G. Income TaxesThe Companyâ€™s year-to-date tax provision is comprised of the most recent estimated annual effective tax rate applied to year-to-date pre-tax ordinary income. The tax impacts of unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, are recorded discretely in the interim period in which they occur. In addition, the tax provision is adjusted for the interim period impact of non-benefited pre-tax losses.The estimated annual effective tax rate, before discrete items, applied to ordinary income was 20.9% in both the third quarter and nine months ended SeptemberÂ 30, 2024, and 23.0% in both the third quarter and nine months ended SeptemberÂ 30, 2023. The 2024 rate was lower than the 2023 rate and the U.S. federal statutory rate of 21% primarily due to a net benefit related to U.S. federal and state research and development (â€œR&Dâ€) credits, a U.S. deduction on Foreign Derived Intangible Income (â€œFDIIâ€), and a U.S. tax benefit recognized for foreign tax credits, partially offset by additional U.S. tax on Global Intangible Low-Taxed Income (â€œGILTIâ€), incremental state tax, nondeductible expenses, and foreign earnings subject to tax in jurisdictions with tax rates higher than the U.S. federal statutory rate of 21%. The 2023 rate was higher than the U.S. federal statutory rate of 21% primarily due to additional U.S. tax on GILTI and other foreign earnings, incremental state tax and foreign taxes on earnings also subject to U.S. federal income tax, nondeductible expenses, and foreign earnings subject to tax in jurisdictions with tax rates higher than the U.S. federal statutory rate of 21%.For the third quarter of 2024 and 2023, the tax rate including discrete items was 6.2% and 22.3%, respectively. In the third quarter of 2024, the Company recorded a discrete net tax benefit of $46 primarily attributable to a $44 net benefit related to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Companyâ€™s R&D study, the substantial portion of which are U.S. federal credits which have been approved under audit by the U.S. Internal Revenue Service, and a $2 excess tax benefit for stock compensation. In the third quarter of 2023, the Company recorded a discrete net tax benefit of $1 for other small items.For the nine months ended SeptemberÂ 30, 2024 and 2023, the tax rate including discrete items was 15.1% and 25.0%, respectively. For the nine months ended SeptemberÂ 30, 2024, the Company recorded a discrete net tax benefit of $58 primarily attributable to a $44 net benefit related to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Companyâ€™s R&D study, the substantial portion of which are U.S. federal credits which have been approved under audit by the U.S. Internal Revenue Service, a $9 excess tax benefit for stock compensation, a $6 benefit to release a valuation allowance related to U.S. foreign tax credits, and a net tax charge of $1 for other small items. For the nine months ended SeptemberÂ 30, 2023, the Company recorded a discrete net tax charge of $13 attributable to a $20 charge for a tax reserve established in France (See Note Q) and a net tax charge of $1 for other small items, reduced by an $8 excess tax benefit for stock compensation.The tax provision was comprised of the following:Third quarter endedNine months endedÂ September 30,September 30,Â 20242023202420232Pre-tax income at estimated annual effective income tax rate before discrete items$74Â $55Â $207Â $162Â Impact of change in estimated annual effective tax rate on previous quarterâ€™s pre-tax income(5)â€”Â â€”Â â€”Â â€”Â Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized(1)â€”Â 1Â 1Â Tax reserve (Q)â€”Â â€”Â â€”Â 20Â Other discrete items(46)(1)(58)(7)Provision for income taxes$22Â $54Â $150Â $176Â 16H. Earnings Per Share and Common StockBasic earnings per share (â€œEPSâ€) amounts are computed by dividing earnings, after the deduction of preferred stock dividends declared, by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding.The information used to compute basic and diluted EPS attributable to Howmet common shareholders was as follows (shares in millions in the table below):Third quarter endedNine months endedÂ September 30,September 30,Â 20242023202420232Net income$332Â $188Â $841Â $529Â Less: preferred stock dividends declared1Â 1Â 2Â 2Â Net income available to Howmet Aerospace common shareholders - basic and diluted$331Â $187Â $839Â $527Â Average shares outstanding - basic408Â 412Â 408Â 412Â Effect of dilutive securities:Stock and performance awards2Â 3Â 3Â 5Â Average shares outstanding - diluted410Â 415Â 411Â 417Â Common stock outstanding as of SeptemberÂ 30, 2024 and 2023 was 407,129,690 and 411,742,755, respectively. The following table provides details for share repurchases made for the periods presented:Number of sharesAverage price per share(1)TotalQ1 2024 open market repurchase2,243,259Â $66.87Â $150Â Q2 2024 open market repurchase734,737Â $81.66Â $60Â Q3 2024 open market repurchase1,061,323Â $94.22Â $100Â 2024 Share repurchases as of SeptemberÂ 30, 20244,039,319Â $76.75Â $310Â Q1 2023 open market repurchase576,629Â $43.36Â $25Â Q2 2023 open market repurchase2,246,294Â $44.52Â $100Â Q3 2023 open market repurchase506,800Â $49.32Â $25Â 2023 Share repurchases as of SeptemberÂ 30, 20233,329,723Â $45.05Â $150Â (1)Excludes commissions cost.The Company has a share repurchase program (the â€œShare Repurchase Programâ€) that, after giving effect to the additional $90 share repurchases made in October 2024 at an average price per share of $103.15, retiring approximately 0.9Â million shares, has approximately $2,297 in Board authorization remaining available as of October 31, 2024. The current Share Repurchase Program was authorized by the Companyâ€™s Board of Directors on August 18, 2021 at $1,500, which was increased by the Board by $2,000 on July 30, 2024. Under the Companyâ€™s Share Repurchase Program, the Company may repurchase shares by means of trading plans established from time to time in accordance with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, block trades, private transactions, open market repurchases and/or accelerated share repurchase agreements, or other derivative transactions. There is no stated expiration for the Share Repurchase Program. Under its Share Repurchase Program, the Company may repurchase shares from time to time, in amounts, at prices, and at such times as the Company deems appropriate, subject to market conditions, legal requirements and other considerations. The Company is not obligated to repurchase any specific number of shares or to do so at any particular time, and the Share Repurchase Program may be suspended, modified, or terminated at any time without prior notice.As average shares outstanding are used in the calculation for both basic and diluted EPS, the full impact of share repurchases and issuances was not fully realized in EPS in the period of repurchase or issuance since share activity may occur at varying points during a period.17There were no shares relating to outstanding stock options excluded from the calculation of average shares outstanding - diluted for the third quarter and nine months ended SeptemberÂ 30, 2024 and 2023.Common stock dividends declared were $0.16 per share in the third quarter of 2024 (of which $0.08 per share were paid) and $0.26 per share in the nine months ended SeptemberÂ 30, 2024 (of which $0.18 per share were paid). Common stock dividends declared were $0.09 per share in the third quarter of 2023 (of which $0.04 per share were paid) and $0.17 per share in the nine months ended SeptemberÂ 30, 2023 (of which $0.12 per share were paid).I. Accumulated Other Comprehensive LossThe following table details the activity of the three components that comprise Accumulated other comprehensive loss:Third quarter endedNine months endedSeptember 30,September 30,20242023202420232Pension and other postretirement benefits (E)Balance at beginning of period(682)(644)(689)(653)Other comprehensive income (loss):Unrecognized net actuarial gain and prior service benefit4Â 7Â 3Â 7Â Tax expense(1)(1)(1)(1)Total Other comprehensive income before reclassifications, net of tax3Â 6Â 2Â 6Â Amortization of net actuarial loss and prior service benefit(1)6Â 5Â 16Â 17Â Tax expense(2)(1)(1)(3)(4)Total amount reclassified from Accumulated other comprehensive loss, net of tax(3)5Â 4Â 13Â 13Â Total Other comprehensive income8Â 10Â 15Â 19Â Balance at end of period(674)(634)(674)(634)Foreign currency translationBalance at beginning of period$(1,177)$(1,155)$(1,136)$(1,193)Other comprehensive income (loss)(4)71Â (56)30Â (18)Balance at end of period$(1,106)$(1,211)$(1,106)$(1,211)Cash flow hedgesBalance at beginning of period$1Â (9)(5)$5Â Other comprehensive (loss) income:Net change from periodic revaluations(25)1Â (22)(13)Tax benefit6Â â€”Â 5Â 3Â Total Other comprehensive (loss) income before

reclassifications, net of tax(19)1Â (17)(10)Net amount reclassified to earnings1Â 4Â 6Â â€”Â Tax expense(2)(1)(1)(2)â€”Â Total amount reclassified from Accumulated other comprehensive income, net of tax(3)â€”Â 3Â 4Â â€”Â Total Other comprehensive (loss) income(19)4Â (13)(10)Balance at end of period(18)(5)(18)(5)Accumulated other comprehensive loss$(1,798)$(1,850)$(1,798)$(1,850)(1)These amounts were recorded in Restructuring and other (credits) charges (See Note D) and Other expense, net (See Note F) in the Statement of Consolidated Operations.(2)These amounts were included in Provision for income taxes (See Note G) in the Statement of Consolidated Operations.(3)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings.(4)In all periods presented, no amounts were reclassified to earnings.18J. ReceivablesSale of Receivables ProgramsThe Company maintains an accounts receivables securitization arrangement through a wholly-owned special purpose entity (â€œSPEâ€). The net cash funding from the sale of accounts receivable was neither a use of cash nor a source of cash for the third quarter or nine months ended SeptemberÂ 30, 2024 or SeptemberÂ 30, 2023. The accounts receivables securitization arrangement is one in which the Company, through an SPE, has a receivables purchase agreement (the â€œReceivables Purchase Agreementâ€) pursuant to which the SPE may sell certain receivables to financial institutions until the earlier of January 2, 2026 or a termination event. The Receivables Purchase Agreement contains customary representations and warranties, as well as affirmative and negative covenants. Pursuant to the Receivables Purchase Agreement, the Company does not maintain effective control over the transferred receivables, and therefore accounts for these transfers as sales of receivables. The Receivables Purchase Agreement also contains a provision that allows the Company to increase the limit to $325.The facility limit under the Receivables Purchase Agreement was $250 as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, of which $250 was drawn as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023. As collateral against the sold receivables, the SPE maintains a certain level of unsold receivables, which were $231 and $197 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively.The Company sold $503 and $1,233 of its receivables without recourse and received cash funding under this program during the third quarter and nine months ended SeptemberÂ 30, 2024, respectively, resulting in derecognition of the receivables from the Companyâ€™s Consolidated Balance Sheet. The Company sold $439 and $1,158 of its receivables without recourse and received cash funding under the program during the third quarter and nine months ended SeptemberÂ 30, 2023, respectively, resulting in derecognition of the receivables from the Companyâ€™s Consolidated Balance Sheet. Costs associated with the sales of receivables are reflected in the Companyâ€™s Statement of Consolidated Operations for the periods in which the sales occur. Cash receipts from sold receivables under the Receivables Purchase Agreement are presented within operating activities in the Statement of Consolidated Cash Flows.Other Customer Receivable SalesIn the third quarter and nine months ended SeptemberÂ 30, 2024, the Company sold $172 and $517, respectively, of certain customersâ€™ receivables in exchange for cash ($167 was outstanding from customers as of SeptemberÂ 30, 2024), the proceeds from which are presented in changes in receivables within operating activities in the Statement of Consolidated Cash Flows. In the third quarter and nine months ended SeptemberÂ 30, 2023, the Company sold $140 and $429, respectively, of certain customersâ€™ receivables in exchange for cash ($134 was outstanding from customers as of SeptemberÂ 30, 2023), the proceeds from which are presented in changes in receivables within operating activities in the Statement of Consolidated Cash Flows.K. InventoriesSeptember 30, 2024December 31, 2023Finished goods$475Â $451Â Work-in-process923Â 891Â Purchased raw materials433Â 355Â Operating supplies71Â 68Â Total inventories$1,902Â $1,765Â As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the portion of inventories valued on a last-in, first-out (â€œLIFOâ€) basis was $505 and $446, respectively. If valued on an average-cost basis, total inventories would have been $265 and $236 higher as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively.19L. Properties, Plants, and Equipment, netSeptember 30, 2024December 31, 2023Land and land rights$84Â $88Â Structures1,031Â 1,018Â Machinery and equipment4,173Â 4,079Â 5,288Â 5,185Â Less: accumulated depreciation and amortization3,193Â 3,081Â 2,095Â 2,104Â Construction work-in-progress263Â 224Â Properties, plants, and equipment, net$2,358Â $2,328Â The Company incurred capital expenditures which remained unpaid as of SeptemberÂ 30, 2024 and SeptemberÂ 30, 2023 of $71 and $44, respectively, which will result in cash outflows within investing activities in the Statement of Consolidated Cash Flows in subsequent periods.M. LeasesOperating lease cost, which includes short-term leases and variable lease payments and approximates cash paid, was $18 and $16 in the third quarter of 2024 and 2023, respectively, and $50 and $48 in the nine months ended SeptemberÂ 30, 2024 and 2023, respectively.Operating lease right-of-use assets and lease liabilities in the Consolidated Balance Sheet were as follows:September 30, 2024December 31, 2023Right-of-use assets classified in Other noncurrent assets$159Â $128Â Current portion of lease liabilities classified in Other current liabilities$38Â $32Â Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits122Â 97Â Total lease liabilities$160Â $129Â 20N. DebtSeptember 30, 2024December 31, 20235.125% Notes, due 2024$â€”Â $205Â 6.875% Notes, due 2025â€”Â 600Â USD Term Loan Facility, due 2026200Â 200Â JPY Term Loan Facility, due 2026208Â 211Â 5.900% Notes, due 2027625Â 625Â 6.750% Bonds, due 2028300Â 300Â 3.000% Notes, due 2029700Â 700Â 4.850% Notes, due 2031(1)500Â â€”Â 5.950% Notes, due 2037625Â 625Â 4.750% Iowa Finance Authority Loan, due 2042 250Â 250Â Other, net(2)(14)(10)3,394Â 3,706Â Less: amount due within one year1Â 206Â Total long-term debt$3,393Â $3,500Â Â (1)The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately â‚¬458 million with a fixed annual interest rate of 3.720%.(2)Includes unamortized debt discounts and unamortized debt issuance costs related to outstanding notes and bonds listed in the table above and various financing arrangements related to subsidiaries.Public DebtIn January 2023, the Company repurchased approximately $26 aggregate principal amount of the 5.125% Notes due October 2024 (the â€œ2024 Notesâ€) through an open market repurchase (â€œOMRâ€). The OMR was settled at slightly less than par value. On March 29, 2023, the Company completed the early partial redemption of an additional $150 aggregate principal amount of the 2024 Notes in accordance with the terms of the notes, and paid an aggregate of $155, including accrued interest and an early termination premium of approximately $4 and $1, respectively, which were recorded in Interest expense, net, and Loss on debt redemption, respectively, in the Statement of Consolidated Operations.On September 28, 2023, the Company completed an early redemption of its outstanding 2024 Notes in the aggregate principal amount of $200. Such 2024 Notes were redeemed at par with cash on hand at an aggregate redemption price of approximately $205, including accrued interest of approximately $5.In the second quarter of 2024, the Company repurchased approximately $23 aggregate principal amount of the 6.875% Notes due May 2025 (the â€œ2025 Notesâ€) through an OMR. The OMR was settled at slightly more than par value.On July 1, 2024, the Company completed the early redemption of all of the remaining outstanding principal amount of $205 of the 2024 Notes. The Company redeemed the 2024 Notes at par value plus accrued interest. The 2024 Notes were redeemed with cash on hand at an aggregate redemption price of approximately $208, including accrued interest of approximately $3.On August 22, 2024, the Company completed an offering of $500 aggregate principal amount of the 4.850% Notes due October 2031 (the â€œ2031 Notesâ€). The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately â‚¬458 million. The fixed interest rate on the Euro liability is approximately 3.720% per annum.On August 23, 2024, the Company completed the early redemption of all of the remaining outstanding principal amount of approximately $577 of its 2025 Notes in accordance with the terms of the notes. The Company completed the redemption with the net proceeds from the aforementioned offering of its 2031 Notes and cash on hand at an aggregate redemption price of approximately $594, including accrued interest and an early termination premium of approximately $12 and $5, respectively, which were recorded in Interest expense, net, and Loss on debt redemption, respectively, in the Statement of Consolidated Operations.21Term Loan FacilitiesThe Company maintains (i) a U.S. dollar-denominated, senior unsecured term loan facility (the â€œUSD Term Loan Facilityâ€) and (ii) a Japanese yen-denominated, senior unsecured term loan facility (the â€œJPY Term Loan Facilityâ€), each of which matures on November 22, 2026 unless earlier terminated in accordance with the provisions of the applicable term loan agreement. The term loan agreements relating to these facilities contain respective covenants, including, among others, a limitation requiring the ratio of Consolidated Net Debt to Consolidated EBITDA (as defined in the agreements) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be less than or equal to 3.75 to 1.00. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the Company was in compliance with all covenants under the USD Term Loan Facility and JPY Term Loan Facility. The amounts outstanding under the USD Term Loan Facility were $200 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023. The amounts outstanding under the JPY Term Loan Facility were Â¥29,702 million ($208) and Â¥29,702 million ($211) as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively. The Company has entered into interest rate swaps to exchange the floating interest rates of the USD Term Loan Facility and JPY Term Loan Facility to fixed annual interest rates of 5.795% and 2.044%, respectively. Credit FacilityThe Company has entered into a Five-Year Revolving Credit Agreement (the â€œCredit Agreementâ€) that provides a $1,000 senior unsecured revolving credit facility that matures on July 27, 2028. The Credit Agreement contains covenants, including, among others, a limitation requiring the ratio of Consolidated Net Debt to Consolidated EBITDA (as defined in the Credit Agreement) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be less than or equal to 3.75 to 1.00. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the Company was in compliance with all covenants under the Credit Agreement. There were no amounts outstanding under the Credit Agreement as of SeptemberÂ 30, 2024 or DecemberÂ 31, 2023, and no amounts were borrowed during 2024 or 2023 under the Credit Agreement. Commercial PaperOn April 4, 2024, the Company established a commercial paper program under which the Company may issue unsecured commercial paper notes (â€œcommercial paperâ€) from time to time up to a maximum aggregate face amount of $1,000 outstanding at any time. The maturities of the commercial paper may vary but will not exceed 397 days from the date of issue and will rank equal in right of payment with all other unsecured senior indebtedness of the Company. The proceeds of the commercial paper will be used for general corporate purposes.There were no amounts outstanding under the commercial paper program as of SeptemberÂ 30, 2024.O. Fair Value of Financial InstrumentsThe carrying values of Cash and cash equivalents, restricted cash, derivatives, noncurrent receivables and Long-term debt due within one year included in the Consolidated Balance Sheet approximate their fair value. The aforementioned derivatives are included in Prepaid expenses and other current assets, Other noncurrent assets, Other current liabilities and Other noncurrent liabilities and deferred credits in the Consolidated Balance sheet, as applicable. The Company holds exchange-traded fixed income securities which are considered available-for-sale securities and are carried at fair value based on quoted market prices. The aforementioned securities are classified in Level 1 of the fair value hierarchy and are included in Other noncurrent assets in the Consolidated Balance Sheet. The fair value of Long-term debt, less amount due within one year, was based on quoted market prices for public debt and on interest rates that are currently available to Howmet for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Long-term debt were classified in LevelÂ 2 of the fair value hierarchy.Â September 30, 2024December 31, 2023Â CarryingvalueFairvalueCarryingvalueFairvalueLong-term debt$3,393Â $3,470Â $3,500Â $3,504Â Restricted cash, which is included in Prepaid expenses and other current assets in the Consolidated Balance Sheet, was less than $1 as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023.22P. Divestiture2024 DivestitureOn May 31, 2024, the Company completed the sale of a small manufacturing facility in the U.K. within the Engineered Structures segment. The sale, including post-close adjustments, resulted in a year-to-date charge of $13 that was recorded in Restructuring and other (credits) charges in the Statement of Consolidated Operations. Q. Contingencies, Commitments and Other LiabilitiesContingenciesThe following information supplements and, as applicable, updates the discussion of the contingencies and commitments in Note U to the Consolidated Financial Statements in our Form 10-K, and should be read in conjunction with the complete descriptions provided in the Form 10-K.Environmental Matters. Howmet participates in environmental assessments and/or cleanups at more than 30 locations. These include owned or operating facilities and adjoining properties, previously owned or operated facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act (â€œCERCLAâ€)) sites.A liability is recorded for environmental remediation when a cleanup program becomes probable and the costs can be reasonably estimated. As assessments and cleanups proceed, the liability is adjusted based on progress made in determining the extent of remedial actions and related costs. The liability can change substantially due to factors such as the nature and extent of contamination, changes in remedial requirements, and technological changes, among others.The Companyâ€™s remediation reserve balance was $19 and $17 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively, and was recorded in Other noncurrent liabilities and deferred credits in the Consolidated Balance Sheet (of which $10 and $7, respectively, was classified as a current liability), and reflects the most probable costs to remediate identified environmental conditions for which costs can be reasonably estimated. Payments related to remediation expenses applied against the reserve were less than $1 and $2 in the third quarter and nine months ended SeptemberÂ 30, 2024, respectively, and included expenditures currently mandated, as well as those not required by any regulatory authority or third party.Included in annual operating expenses are the recurring costs of managing hazardous substances and environmental programs. These costs are estimated to be less than 1% of Cost of goods sold.Tax. In December 2013 and 2014, the Company received audit assessment notices from the French Tax Authority (â€œFTAâ€) for the 2010 through 2012 tax years. In 2016, the Company appealed to the Committee of the Abuse of Tax Law, where it received a favorable nonbinding decision. The FTA disagreed with the Committee of the Abuse of Tax Lawâ€™s opinion, and the Company appealed to the Montreuil Administrative Court, where in 2020 the Company prevailed on the merits. The FTA appealed this decision to the Paris Administrative Court of Appeal in 2021. On March 31, 2023, the Company received an adverse decision from the Paris Administrative Court of Appeal. The Company appealed this decision to the French Administrative Supreme Court. The assessment amount was $17 (â‚¬16 million), including $10 (â‚¬9 million) of tax and interest up through 2017 and $7 (â‚¬7 million) of penalties. The Company estimates additional interest to be $2 (â‚¬2 million). On July 23, 2024, the Company received the French Administrative Supreme Courtâ€™s decision. That decision upheld the assessment of $10 (â‚¬9 million) of tax and interest, while cancelling the penalties of $7 (â‚¬7 million) and remanding the penalty assessment issue to the Paris Administrative Court of Appeal for reexamination. As a result, the Company has no further right to appeal the assessment of tax and interest but will continue to protest the penalties. In 2023, the Company recorded an income tax reserve in Provision for income taxes in the Statement of Consolidated Operations of $21 (â‚¬19 million), which includes tax, estimated interest and penalties, for the 2010 through 2012 tax years, as well as the remaining tax years open for reassessment (2020-2023). In accordance with FTA dispute resolution practices, the Company paid the assessment amount including tax, interest, and penalties, to the FTA in December 2023. The Company is expecting to pay the additional interest related to the assessment in 2024. The Company also paid the estimated tax related to the 2020-2023 tax years during 2023. No changes were made to the income tax reserve as of June 30, 2024 as a result of the French Administrative Supreme Courtâ€™s decision. As of the start of the third quarter of 2024, the Company no longer records an uncertain tax position related to the tax and interest assessed. In October 2024, the Company received a refund of the penalties that were remanded. We will continue to record an income tax reserve for penalties determined more than likely to be upheld, until the uncertain tax position is settled. 23Indemnified Matters. The Separation and Distribution Agreement, dated October 31, 2016, that the Company entered into with Alcoa Corporation in connection with its separation from Alcoa Corporation, provides for cross-indemnities between the Company and Alcoa Corporation for claims subject to indemnification. The Separation and Distribution Agreement, dated March 31, 2020, that the Company entered into with Arconic Corporation in connection with its separation from Arconic Corporation, provides for cross-indemnities between the Company and Arconic Corporation for claims subject to indemnification. To date, Alcoa Corporation and Arconic Corporation have fulfilled their respective indemnification obligations, and claims subject to indemnification by Alcoa Corporation or Arconic Corporation have not impacted the Company financially. Among other claims that are covered by these indemnities, Arconic Corporation indemnifies the Company (previously named Arconic Inc. and, prior to that, Alcoa Inc.) for all potential liabilities associated with the fire that occurred at the Grenfell Tower in London, U.K. on June 14, 2017, including the following legal proceedings, as updated from the Form 10-K: Regulatory Investigations in the U.K. On September 4, 2024, the Public Inquiry ordered by the British government published its Phase 2 report on the Grenfell fire.Raul v. Albaugh, et al. (derivative related claim). On October 22, 2024, the parties executed a settlement term sheet that set forth the material terms and conditions associated with the resolution of this derivative action. On October 28, 2024, the parties filed a joint status report regarding this development. On October 30, 2024, the court ordered that the parties file a joint status report or a stipulation of dismissal on or before November 28, 2024. The parties plan to enter into a formal, final Stipulation and Agreement of Settlement, Compromise, and Release in the near term, which will be presented to the court for approval. With respect to the United Kingdom Litigation (various claims on behalf of survivors and estates of decedents) described in the Form 10-K, there are no updates.Lehman Brothers International (Europe) Legal Proceeding. On June 26, 2020, Lehman Brothers International (Europe) (â€œLBIEâ€) filed proceedings in the High Court of Justice, Business and Property Courts of England and Wales againstâ€¯two subsidiaries of the Company, FR Acquisitions Corporation (Europe) Ltd and JFB Firth Rixson Inc. (collectively, the â€œFirth Rixson Entitiesâ€). The proceedings concerned two interest rate swap transactions that the Firth Rixson Entities entered into with LBIE in 2007 and 2008. On June 15, 2023, the Company, the Firth Rixson Entities, and LBIE reached a full and final settlement of all claims arising out of the LBIE legal proceeding. The settlement provided for a payment of $40: $15 paid in July 2023 and $25 paid in July 2024. Lockheed Martin Corp v. Howmet Aerospace Inc. On November 30, 2023, Lockheed Martin Corporation (â€œLockheed Martinâ€) filed a complaint in federal district court in the Northern District of Texas against the Company and its subsidiary RTI Advanced Forming, Inc. (â€œRTIâ€) as defendants. The complaint alleged that the Company

and RTI breached a Master Purchase Order between Lockheed Martin and RTI related to the F-35 Joint Strike Fighter production program between Lockheed Martin and the United States government (the â€œF-35 Programâ€) by seeking a fair market price adjustment for the provision of titanium mill products under RTIâ€™s separate agreements with Lockheed Martinâ€™s subcontractors for the F-35 Program. Following various claims and counterclaims and court-ordered mediation, the parties reached a confidential settlement agreement on April 2, 2024, to supply until December 31, 2026 subject to revised terms mutually agreed to by the parties. The settlement had no material impact on the results of operations in the current year. The parties stipulated to the dismissal of all claims and counterclaims with prejudice on April 2, 2024.Other. In addition to the matters discussed above, various other lawsuits, claims, and proceedings have been or may be instituted or asserted against the Company, including those pertaining to environmental, product liability, safety and health, employment, tax and antitrust matters. While the amounts claimed in these other matters may be substantial, the ultimate liability cannot currently be determined because of the considerable uncertainties that exist. Therefore, it is possible that the Companyâ€™s liquidity or results of operations in a period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the results of operations, financial position or cash flows of the Company.CommitmentsGuarantees. As of SeptemberÂ 30, 2024, Howmet had outstanding bank guarantees related to energy contracts, tax matters, customs duties and environmental obligations, among others. The total amount committed under these guarantees, which expire at various dates between 2024 and 2027, was $23 as of SeptemberÂ 30, 2024.Pursuant to the Separation and Distribution Agreement, dated as of October 31, 2016, between Howmet and Alcoa Corporation, Howmet was required to provide certain guarantees for Alcoa Corporation, which were included in Other noncurrent liabilities and deferred credits in the Consolidated Balance Sheet. The remaining guarantee which had a fair value of $6 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, for which the Company and Arconic Corporation are secondarily liable in the event of a payment default by Alcoa Corporation, relates to a long-term energy supply agreement that expires in 2047 at an 24Alcoa Corporation facility. The Company currently views the risk of an Alcoa Corporation payment default on its obligations under the contract to be remote. The Company and Arconic Corporation are required to provide a guarantee up to an estimated present value amount of approximately $1,131 as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 in the event of an Alcoa Corporation default. In December 2023, a surety bond with a limit of $80 relating to this guarantee was obtained by Alcoa Corporation to protect Howmetâ€™s obligation. This surety bond will be renewed on an annual basis by Alcoa Corporation.Letters of Credit. The Company has outstanding letters of credit primarily related to environmental obligations, insurance obligations and workersâ€™ compensation, among others. The total amount committed under these letters of credit, which automatically renew or expire at various dates, primarily in 2024 and 2025, was $91 as of SeptemberÂ 30, 2024. Pursuant to the Separation and Distribution Agreements between the Company and Arconic Corporation and between the Company and Alcoa Corporation, the Company is required to retain letters of credit of $48, which are included in the $91 in the above paragraph, that had previously been provided related to the Company, Arconic Corporation, and Alcoa Corporation workersâ€™ compensation claims that occurred prior to the respective separation transactions of April 1, 2020 and NovemberÂ 1, 2016. Arconic Corporation and Alcoa Corporation workersâ€™ compensation and letters of credit fees paid by the Company are proportionally billed to, and are reimbursed by, Arconic Corporation and Alcoa Corporation, respectively. Also, the Company was required to provide letters of credit for certain Arconic Corporation environmental obligations and, as a result, the Company has $17 of outstanding letters of credit relating to such liabilities, which are also included in the $91 in the above paragraph.Surety Bonds. The Company has outstanding surety bonds primarily related to workersâ€™ compensation, customs duties, environmental-related matters, and contract performance. The total amount committed under these annual surety bonds, which automatically renew or expire at various dates, primarily in 2024 and 2025, was $43 as of SeptemberÂ 30, 2024.Pursuant to the Separation and Distribution Agreements between the Company and Arconic Corporation and between the Company and Alcoa Corporation, the Company is required to provide surety bonds of $21, which are included in the $43 in the above paragraph, that had previously been provided related to the Company, Arconic Corporation, and Alcoa Corporation workersâ€™ compensation claims that occurred prior to the respective separation transactions of April 1, 2020 and November 1, 2016. Arconic Corporation and Alcoa Corporation workersâ€™ compensation claims and surety bond fees paid by the Company are proportionately billed to, and are reimbursed by, Arconic Corporation and Alcoa Corporation, respectively.Other LiabilitiesSupplier Financing Arrangements. On January 1, 2023, the Company adopted the changes issued by the FASB related to disclosure requirements of supplier finance program obligations. We offer voluntary supplier finance programs to suppliers who may elect to sell their receivables to third parties at the sole discretion of both the suppliers and the third parties. The program is at no cost to the Company and provides additional liquidity to our suppliers, if they desire, at their cost. Under these programs, the Company pays the third-party bank rather than the supplier, the stated amount of the confirmed invoices on the original maturity date of the invoices. The Company or the third-party bank may terminate a program upon at least 30 daysâ€™ notice. Supplier invoices under the program require payment in full no more than 120 days of the invoice date. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, supplier invoices that are subject to future payment under these programs were $251 and $258, respectively, and are included in Accounts payable, trade in the Consolidated Balance Sheet.R. Subsequent EventsManagement evaluated all activity of Howmet and concluded that no subsequent events have occurred that would require recognition in the Consolidated Financial Statements or disclosure in the Notes to the Consolidated Financial Statements, except as noted below:See Note H regarding share repurchases made in October 2024.25Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations.(U.S. dollars in millions, except per share amounts)The following Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations (â€œMD&Aâ€) is intended to help the reader understand our results of operations and financial condition. The MD&A is provided as a supplement to, and should be read in conjunction with, our consolidated financial statements and notes thereto included in Part I, Item 1 (Financial Statements and Supplementary Data) of this Form 10-Q.OverviewHowmet is a global leader in lightweight metals engineering and manufacturing. Howmetâ€™s innovative, multi-material products, which include nickel, titanium, aluminum, and cobalt, are used worldwide in the aerospace (commercial and defense), commercial transportation, and industrial and other markets.In the nine months ended SeptemberÂ 30, 2024, the Company derived approximately 52% of its revenue from products sold to the commercial aerospace market which is less than the pre-pandemic 2019 annual rate of approximately 60%. Aircraft production in the commercial aerospace industry continues to recover based on increases in demand for narrow body and wide body aircraft. We expect our commercial aerospace wide body and narrow body demand, including engine spares, also to continue to grow. Quality control issues at The Boeing Company (â€œBoeingâ€) are expected to negatively impact narrow body and wide body production rates in the near term. For instance, the Federal Aviation Administration stated that it will not approve production rate increases or additional production lines for the Boeing 737 MAX until it is satisfied that Boeing is in full compliance with required quality control procedures. In addition, a labor union work stoppage at Boeing has negatively impacted results. Boeing production levels have a material impact on the financial performance of Howmet. The timing and level of future aircraft builds by original equipment manufacturers (â€œOEMâ€) are subject to changes and uncertainties, which may cause our future results to differ from prior periods due to changes in product mix in certain segments.For additional information regarding the ongoing risks related to our business, see section Part I, Item 1A, â€œRisk Factorsâ€ in the Companyâ€™s Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023.Results of OperationsEarnings Summary:Sales. Sales were $1,835 in the third quarter of 2024 compared to $1,658 in the third quarter of 2023 and $5,539 in the nine months ended SeptemberÂ 30, 2024 compared to $4,909 in the nine months ended SeptemberÂ 30, 2023. The increase of $177, or 11%, in the third quarter of 2024 and the increase of $630, or 13%, in the nine months ended SeptemberÂ 30, 2024 was primarily due to higher volumes in the commercial aerospace, defense aerospace, and industrial and other markets, and favorable product pricing, partially offset by lower volumes in the commercial transportation market.Cost of goods sold (â€œCOGSâ€). COGS as a percentage of Sales was 68.3% in the third quarter of 2024 compared to 71.4% in the third quarter of 2023 and 69.1% in the nine months ended SeptemberÂ 30, 2024 compared to 72.2% in the nine months ended SeptemberÂ 30, 2023. The decrease in the third quarter and nine months ended SeptemberÂ 30, 2024 was primarily due to higher volumes and favorable product pricing, partially offset by increased net headcount, primarily in the Engine Products segment, in support of expected revenue increases. There were no COGS net reimbursements in the third quarter and $6 in the nine months ended SeptemberÂ 30, 2024 due to the final settlement of the insurance claim related to a prior year mechanical failure resulting in substantial heat and fire-related damage to equipment at the Forged Wheelsâ€™ cast house in Barberton, Ohio (the â€œBarberton Cast House Incidentâ€) in the second quarter of 2024, compared to total COGS net charges of $1 in both the third quarter and nine months ended SeptemberÂ 30, 2023, related to the fire that occurred at a Fastening Systems plant in France in 2019 (the â€œFrance Plant Fireâ€) and Barberton Cast House Incident. The Company is negotiating resolution of the insurance claim related to the France Plant Fire. Selling, general administrative, and other expenses (â€œSG&Aâ€). SG&A expenses were $85 in the third quarter of 2024 compared to $87 in the third quarter of 2023 and $270 in the nine months ended SeptemberÂ 30, 2024 compared to $250 in the nine months ended SeptemberÂ 30, 2023. The decrease of $2, or 2%, in the third quarter of 2024 was primarily due to lower costs associated with closures, supply chain disruptions, and other items. The increase of $20, or 8% in the nine months ended SeptemberÂ 30, 2024 was primarily due to higher employment costs.Restructuring and other (credits) charges. Restructuring and other (credits) charges were $(1) in the third quarter of 2024 compared to $4 in the third quarter of 2023 or a decrease of $5. Restructuring and other (credits) charges were $21 in the nine months ended SeptemberÂ 30, 2024 compared to $8 in the nine months ended SeptemberÂ 30, 2023 or an increase of $13. Restructuring and other (credits) charges for the third quarter of 2024 were primarily due to a $1 gain related to the resolution of post-closing adjustments from the May 2024 sale of a small U.K. manufacturing facility in Engineered Structures. Restructuring and other (credits) charges for the nine months ended SeptemberÂ 30, 2024 were primarily due to a net loss on the sale of a small U.K. manufacturing facility in Engineered Structures of $13 and layoff costs of $8. Restructuring and other 26(credits) charges for the third quarter of 2023 were primarily due to charges for a Canadian pension plan settlement of $2. Restructuring and other (credits) charges for the nine months ended SeptemberÂ 30, 2023 were primarily due to charges for U.S. and Canadian pension plan settlements of $5 and exit related costs, including accelerated depreciation, of $3.See Note D to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for additional detail.Interest expense, net. Interest expense, net was $44 in the third quarter of 2024 compared to $54 in the third quarter of 2023 and $142 in the nine months ended SeptemberÂ 30, 2024 compared to $166 in the nine months ended SeptemberÂ 30, 2023. The decrease of $10, or 19%, in the third quarter of 2024 and $24, or 14%, in the nine months ended SeptemberÂ 30, 2024 was primarily due to the early redemptions of the 6.875% Notes due May 2025 (the â€œ2025 Notesâ€) during various periods in 2024, the early redemptions of the 5.125% Notes due October 2024 (the â€œ2024 Notesâ€) during various periods during 2023 and 2024, partially offset by the August 2024 issuance of $500 aggregate principal amount of 4.850% Notes due October 2031 (the â€œ2031 Notesâ€), net of the cross-currency swap that synthetically converted the 2031 Notes into a lower fixed-interest-rate Euro liability. Long-term debt, including long-term debt due within one year, has been reduced by $768 from December 31, 2022 to September 30, 2024.See Note N to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for additional detail related to the Companyâ€™s debt.Loss on debt redemption. Debt redemption or tender premiums include the cost to redeem or repurchase certain of the Companyâ€™s notes at a price which may be equal to the greater of the principal amount or the sum of the present values of the remaining scheduled payments, discounted using a defined treasury rate plus a spread, or a price based on the market price of its notes. Loss on debt redemption was $6 in the third quarter of 2024 compared to less than $1 in the third quarter of 2023 and $6 in the nine months ended SeptemberÂ 30, 2024 compared to $1 in the nine months ended SeptemberÂ 30, 2023. The increase in both the third quarter and nine months ended SeptemberÂ 30, 2024 was primarily due to the debt premiums paid on the early redemption of the 2025 Notes in the third quarter of 2024.See Note N to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for additional detail related to the Companyâ€™s debt.Other expense, net. Other expense, net was $17 in the third quarter of 2024 compared to Other expense, net of $11 in the third quarter of 2023 and Other expense, net was $49 in the nine months ended SeptemberÂ 30, 2024 compared to Other expense, net of $5 in the nine months ended SeptemberÂ 30, 2023. The increase in expense of $6 in the third quarter of 2024 was primarily due to an increase in deferred compensation of $7. The increase in expense of $44 in the nine months ended SeptemberÂ 30, 2024 was primarily due to the reversal in the second quarter ended JuneÂ 30, 2023 of $25, net of legal fees of $1, of the $65 pre-tax charge taken in the third quarter of 2022 related to the Lehman Brothers International (Europe) legal proceeding as a result of the final settlement of such proceeding in June 2023 (See Note Q to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for reference), an increase in deferred compensation of $9, and increases in foreign currency losses, net, of $6. Non-service related net periodic benefit costs related to defined benefit plans and other postretirement benefit plans is expected to be relatively flat for the full year 2024 versus 2023.See Note F to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for additional detail.Provision for income taxes. The estimated annual effective tax rate, before discrete items, applied to ordinary income was 20.9% in both the third quarter and nine months ended SeptemberÂ 30, 2024 compared to 23.0% in both the third quarter and nine months ended SeptemberÂ 30, 2023. The tax rate including discrete items was 6.2% in the third quarter of 2024 compared to 22.3% in the third quarter of 2023. A discrete net tax benefit of $46 primarily attributable to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Companyâ€™s R&D study was recorded in the third quarter of 2024 compared to a discrete net tax benefit of $1 in the third quarter of 2023. The tax rate including discrete items was 15.1% in the nine months ended SeptemberÂ 30, 2024 compared to 25.0% in the nine months ended SeptemberÂ 30, 2023. A discrete net tax benefit of $58 primarily attributable to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Companyâ€™s R&D study and approved under audit by the U.S. Internal Revenue Service was recorded in the nine months ended SeptemberÂ 30, 2024 compared to a discrete net tax charge of $13, which included the income tax reserve recorded as a result of the French tax litigation (See Note Q to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for reference), recorded in the nine months ended SeptemberÂ 30, 2023. The 2024 estimated annual effective tax rate is lower than the 2023 rate primarily due to a net benefit related to U.S. federal and state R&D credits, a higher U.S. deduction on Foreign Derived Intangible Income (â€œFDIIâ€), and a U.S. tax benefit recognized for foreign tax credits. See Note G to the Consolidated Financial Statements in Part I, Item I of this Form 10-Q for additional detail.27Net income. Net income was $332, or $0.81 per diluted share, in the third quarter of 2024 compared to $188, or $0.45 per diluted share, in the third quarter of 2023 and $841, or $2.04 per diluted share, in the nine months ended SeptemberÂ 30, 2024 compared to $529, or $1.27 per diluted share, in the nine months ended SeptemberÂ 30, 2023. The increase of $144 in the third quarter of 2024 and $312 in the nine months ended SeptemberÂ 30, 2024 was primarily due to higher volumes in the commercial aerospace, defense aerospace, and industrial and other markets, including engines spares, favorable product pricing, and a reduction in interest expense due to lower long-term debt levels, partially offset by lower volumes in the commercial transportation market.Segment InformationThe Companyâ€™s operations consist of four worldwide reportable segments: Engine Products, Fastening Systems, Engineered Structures, and Forged Wheels. Segment performance under Howmetâ€™s management reporting system is evaluated based on a number of factors; however, the primary measure of performance is Segment Adjusted EBITDA. Howmetâ€™s definition of Segment Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) is net margin plus an add-back for depreciation and amortization. Net margin is equivalent to Sales minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; Research and development expenses; and Provision for depreciation and amortization. Special items, including Restructuring and other (credits) charges, are excluded from Net margin and Segment Adjusted EBITDA. Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. Differences between the total segment and consolidated totals are in Corporate (See Note C to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q for a description of each segment).The Company has aligned its operations consistent with how the Chief Executive Officer assesses operating performance and allocates capital.On March 3, 2024, Howmet and the United Autoworkers at our Cleveland, Ohio location approved a new five-year collective bargaining agreement, covering approximately 750 employees within our Engineered Structures and Forged Wheels segments. The agreement positions our Cleveland location to continue to offer market competitive wages and benefits. The new agreement expires on February 28, 2029. The Companyâ€™s next significant plant collective bargaining agreement in the U.S. expires in 2027.Engine ProductsThird quarter endedNine months endedÂ September 30,September 30,Â 2024202320242023Third-party sales$945Â $798Â $2,763Â $2,414Â Segment Adjusted EBITDA307Â 219Â 848Â 654Â Segment Adjusted EBITDA Margin32.5Â %27.4Â %30.7Â %27.1Â %Third-party sales for the Engine Products segment increased $147, or 18%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace, defense aerospace, industrial gas turbine, and oil and gas markets, including engine spares.Third-party sales for the Engine Products segment increased $349, or 14%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace, defense aerospace, industrial gas turbine, and oil and gas markets, including engine spares.Segment Adjusted EBITDA for the Engine Products segment increased $88, or 40%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace, defense aerospace,

industrial gas turbine, and oil and gas markets. The segment absorbed approximately 235 net headcount in the third quarter of 2024, in support of expected revenue increases.Segment Adjusted EBITDA for the Engine Products segment increased $194, or 30%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace, defense aerospace, industrial gas turbine, and oil and gas markets. The segment absorbed approximately 985 net headcount in the nine months ended SeptemberÂ 30, 2024, in support of expected revenue increases, resulting in unfavorable near-term recruiting, training and operational costs.Segment Adjusted EBITDA Margin for the Engine Products segment increased approximately 510 basis points in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace, defense aerospace, industrial gas turbine, and oil and gas markets.28Segment Adjusted EBITDA Margin for the Engine Products segment increased approximately 360 basis points in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023 primarily due to growth in the commercial aerospace, defense aerospace, industrial gas turbine, and oil and gas markets.In 2024, as compared to 2023, demand in the commercial aerospace, defense aerospace, industrial gas turbine, and oil and gas markets is expected to increase. However, quality control issues and a labor union work stoppage at Boeing are expected to negatively impact narrow body and wide body production rates in the near term.In October 2024, Howmet acquired Camcraft LTD for approximately $5. This U.K. facility manufactures tooling used in the investment casting process and will be part of the Engine Products segment.Fastening SystemsThird quarter endedNine months endedSeptember 30,September 30,202402320242023Third-party sales$392Â $348Â $1,175Â $989Â Segment Adjusted EBITDA102Â 76Â 295Â 198Â Segment Adjusted EBITDA Margin26.0Â %21.8Â %25.1Â %20.0Â %Third-party sales for the Fastening Systems segment increased $44, or 13%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace market, including wide body recovery.Third-party sales for the Fastening Systems segment increased $186 or 19% in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace market, including wide body recovery.Segment Adjusted EBITDA for the Fastening Systems segment increased $26, or 34%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace market.Segment Adjusted EBITDA for the Fastening Systems segment increased $97, or 49%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace market as well as productivity gains.Segment Adjusted EBITDA Margin for the Fastening Systems segment increased approximately 420 basis points in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace market.Segment Adjusted EBITDA Margin for the Fastening Systems segment increased approximately 510 basis points in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace market as well as productivity gains.In 2024, as compared to 2023, demand in the commercial aerospace and industrial markets is expected to increase. However, quality control issues and a labor union work stoppage at Boeing are expected to negatively impact narrow body and wide body production rates in the near term. In addition, demand in the commercial transportation markets is expected to decrease in the second half of 2024 due to lower OEM builds.Engineered Structures Third quarter endedNine months endedÂ September 30,September 30,Â 202402320242023Third-party sales$253Â $227Â $790Â $634Â Segment Adjusted EBITDA38Â 30Â 115Â 80Â Segment Adjusted EBITDA Margin15.0Â %13.2Â %14.6Â %12.6Â %Third-party sales for the Engineered Structures segment increased $26, or 11%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace and defense aerospace markets. The Engineered Structures segment is focusing on the optimization of its manufacturing footprint and rationalization of product mix in order to maximize profitability.Third-party sales for the Engineered Structures segment increased $156, or 25%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace and defense aerospace markets.29Segment Adjusted EBITDA for the Engineered Structures segment increased $8, or 27%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace and defense aerospace markets.Segment Adjusted EBITDA for the Engineered Structures segment increased $35, or 44%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace and defense aerospace markets.Segment Adjusted EBITDA Margin for the Engineered Structures segment increased approximately 180 basis points in the third quarter of 2024 compared to the third quarter of 2023, primarily due to growth in the commercial aerospace and defense aerospace markets.Segment Adjusted EBITDA Margin for the Engineered Structures segment increased approximately 200 basis points in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to growth in the commercial aerospace and defense aerospace markets, partially offset by an increase in headcount and inflationary costs.In 2024, as compared to 2023, demand in the commercial aerospace and defense aerospace markets is expected to increase. However, quality control issues and a labor union work stoppage at Boeing are expected to negatively impact narrow body and wide body production rates in the near term.Forged WheelsThird quarter endedNine months endedSeptember 30,September 30,202402320242023Third-party sales$245Â $285Â $811Â $872Â Segment Adjusted EBITDA64Â 77Â 221Â 237Â Segment Adjusted EBITDA Margin26.1Â %27.0Â %27.3Â %27.2Â %Third-party sales for the Forged Wheels segment decreased $40, or 14%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to lower volumes in the commercial transportation market as well as a decrease in aluminum cost pass through.Third-party sales for the Forged Wheels segment decreased $61, or 7%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to lower volumes in the commercial transportation market as well as a decrease in aluminum and other inflationary cost pass through.Segment Adjusted EBITDA for the Forged Wheels segment decreased $13, or 17%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to lower volumes in the commercial transportation market.Segment Adjusted EBITDA for the Forged Wheels segment decreased $16, or 7%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to lower volumes in the commercial transportation market.Segment Adjusted EBITDA Margin for the Forged Wheels segment decreased approximately 90 basis points in the third quarter of 2024 compared to the third quarter of 2023, primarily due to lower volumes in the commercial transportation market, partially offset by lower aluminum cost pass through.Segment Adjusted EBITDA Margin for the Forged Wheels segment increased approximately 10 basis points in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to lower aluminum and other inflationary cost pass through, partially offset by lower volumes in the commercial transportation market.In 2024, as compared to 2023, demand in the commercial transportation markets served by Forged Wheels is expected to decrease in the second half of 2024 in most regions due to lower OEM builds.30Reconciliation of Total Segment Adjusted EBITDA to Income before income taxesThird quarter endedNine months endedSeptember 30,September 30,2024203202420232023Income before income taxes$354Â $242Â $991Â $705Â Loss on debt redemption6Â â€”Â 6Â 1Â Interest expense, net44Â 54Â 142Â 166Â Other expense, net17Â 11Â 49Â 5Â Operating income$421Â $307Â $1,188Â $877Â Segment provision for depreciation and amortization66Â 67Â 198Â 197Â Unallocated amounts:Restructuring and other (credits) charges(1)4Â 21Â 8Â Corporate expense25Â 24Â 72Â 87Â Total Segment Adjusted EBITDA$511Â $402Â $1,479Â $1,169Â Total Segment Adjusted EBITDA is a non-GAAP financial measure. Management believes that this measure is meaningful to investors because it provides additional information with respect to the Companyâ€™s operating performance and the Companyâ€™s ability to meet its financial obligations. Differences between the total segment and consolidated totals are in Corporate. See Restructuring and other (credits) charges, Interest expense, net, Loss on debt redemption, and Other expense, net discussions above, under â€œResults of Operationsâ€ for reference.Corporate expense increased $1, or 4%, in the third quarter of 2024 compared to the third quarter of 2023, primarily due to higher employment costs in 2024, partially offset by lower costs associated with closures, supply chain disruptions, and other items of $2, lower costs related to the collective bargaining agreement negotiations of $1, and higher net reimbursements related to the France Plant Fire and the Barberton Cast House Incident of $1.Corporate expense decreased $15, or 17%, in the nine months ended SeptemberÂ 30, 2024 compared to the nine months ended SeptemberÂ 30, 2023, primarily due to lower costs associated with closures, supply chain disruptions, and other items of $12, lower costs related to the collective bargaining agreement negotiations of $8, and higher net reimbursements related to the France Plant Fire and the Barberton Cast House Incident of $7, partially offset by higher employment and legal costs in 2024.Environmental MattersSee the Environmental Matters section of Note Q to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q.Subsequent EventsSee Note R to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q for subsequent events. Liquidity and Capital ResourcesOperating ActivitiesCash provided from operations was $818 in the nine months ended SeptemberÂ 30, 2024 compared to $443 in the nine months ended SeptemberÂ 30, 2023. The increase of $375 was primarily due to higher operating results of $298 and lower working capital of $88, partially offset by higher pension contributions of $14. The components of the change in working capital primarily included favorable changes in receivables of $114, prepaid expenses and other current assets of $21, inventories of $9, partially offset by compensation related payments and other accrued expenses of $24, taxes, including income taxes of $22, and accounts payable of $10.Management expects Howmetâ€™s estimated pension contributions and other postretirement benefit payments in 2024 to be approximately $65.Financing ActivitiesCash used for financing activities was $742 in the nine months ended SeptemberÂ 30, 2024 compared to $646 in the nine months ended SeptemberÂ 30, 2023. The increase of $96, or 15%, was primarily due to long-term debt payments made in 2024 of $433 (See Note N to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q for reference), an increase in common stock repurchases of $160, increased dividends paid to common stock shareholders of $24 due to a $0.04 increase in dividends per common share, from $0.04 to $0.08 per share from the third quarter of 2023 to the third quarter of 2024, respectively, and $5 related to debt issuance costs for the 2031 Notes, partially offset by proceeds from the 2031 Notes debt issuance of $500 and 31a decrease in taxes paid for the net share settlement of equity awards of $29. On an annual basis, the current year debt actions are expected to reduce Interest expense, net by approximately $33.On July 30, 2024, the Board of Directors of Howmet Aerospace approved the establishment of a 2025 dividend policy to pay cash dividends on the Companyâ€™s common stock in 2025 at a rate of 15% plus or minus 5% of net income excluding special items. The declaration of future common stock dividends is subject to the discretion and approval of the Board of Directors of Howmet after the Boardâ€™s consideration of all factors it deems relevant and subject to applicable law. The Company may modify, suspend, or cancel the dividend policy in any manner and at any time that it may deem necessary or appropriate.The Company maintains a credit facility (the â€œCredit Facility) pursuant to its Five-Year Revolving Credit Agreement (the â€œCredit Agreementâ€) with a syndicate of lenders and issuers named therein (See Note N to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q for reference). There were no amounts outstanding under the Credit Agreement as of SeptemberÂ 30, 2024 or DecemberÂ 31, 2023, and no amounts were borrowed during 2024 or 2023 under the Credit Agreement. On April 4, 2024, the Company established a commercial paper program under which the Company may issue unsecured commercial paper from time to time up to a maximum aggregate face amount of $1,000. The Companyâ€™s commercial paper will be sold on customary terms in the U.S. commercial paper market on a private placement basis. The proceeds of the commercial paper will be used for general corporate purposes. In conjunction with the commercial paper program, the Company was assigned short-term credit ratings by Moodyâ€™s Investors Service, Inc., S&P Global Ratings, and Fitch Ratings, Inc.The Company has an effective shelf registration statement on Form S-3, filed with the SEC, which allows for offerings of debt securities from time to time. The Company may opportunistically issue new debt securities in accordance with securities laws or utilize commercial paper in order to, but not limited to, refinance existing indebtedness. In the future, the Company may, from time to time, redeem portions of its debt securities or repurchase portions of its debt or equity securities, in either the open market or through privately negotiated transactions, in accordance with applicable SEC and other legal requirements. The timing, prices, and sizes of purchases depend upon prevailing trading prices, general economic and market conditions, and other factors, including applicable securities laws. Such purchases may be completed by means of trading plans established from time to time in accordance with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, block trades, private transactions, open market repurchases, tender offers, and/or accelerated share repurchase agreements or other derivative transactions. The Companyâ€™s costs of borrowing and ability to access the capital markets are affected not only by market conditions but also by the short-term and long-term debt ratings assigned to the Company by the major credit rating agencies. The Company believes that its cash on hand, cash provided from operations and availability of its Credit Facility, its commercial paper program, and its accounts receivables securitization program will continue to be sufficient to fund our operating and capital allocation activities.The three major credit rating agencies have rated Howmetâ€™s debt with investment grade ratings. The Companyâ€™s most recent short-term and long-term credit ratings from the three major credit rating agencies are as follows:Â Short-TermLong-TermOutlookMoodyâ€™s Investors Service, Inc. (â€œMoodyâ€™sâ€)P-2Baa1StableS&P Global Ratings (â€œS&Pâ€)A-3BBB-StableFitch Ratings, Inc. (â€œFitchâ€)F2BBBPositiveOn August 6, 2024, Moodyâ€™s upgraded Howmetâ€™s short-term debt rating from P-3 to P-2, further upgraded Howmetâ€™s long-term debt rating two notches from Baa3 to Baa1, which was previously upgraded to Baa3 from Ba1 on February 29, 2024 citing demand in the markets served by Howmet along with the Companyâ€™s improved financial leverage and updated the current outlook from positive to stable. On August 6, 2024, Fitch affirmed Howmetâ€™s short-term debt rating at F2 and long-term debt rating at BBB and updated the current outlook from stable to positive.On December 15, 2023, S&P upgraded Howmetâ€™s long-term debt rating to BBB- and updated the current outlook from positive to stable, citing strong demand in the commercial aerospace market and the Companyâ€™s improved financial leverage.Investing ActivitiesCash used for investing activities was $209 in the nine months ended SeptemberÂ 30, 2024 compared to $163 in the nine months ended SeptemberÂ 30, 2023. The increase of $46, or 28%, was primarily due to an increase in capital expenditures of $55 primarily related to capacity expansion projects in Engine Products and Forged Wheels and various automation projects, partially offset by proceeds primarily from the sale of assets at a small U.K. manufacturing facility in Engine Products of $8.32Recently Adopted and Recently Issued Accounting GuidanceSee Note B to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q.Forward-Looking StatementsThis report contains (and oral communications made by Howmet may contain) statements that relate to future events and expectations and as such constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include those containing such words as â€œanticipatesâ€, â€œbelievesâ€, â€œcouldâ€, â€œestimatesâ€, â€œexpectsâ€, â€œforecastsâ€, â€œgoalâ€, â€œguidanceâ€, â€œintendsâ€, â€œmayâ€, â€œoutlookâ€, â€œplansâ€, â€œprojectsâ€, â€œseeksâ€, â€œseesâ€, â€œshouldâ€, â€œtargetsâ€, â€œwillâ€, â€œwouldâ€, or other words of similar meaning. All statements that reflect Howmetâ€™s expectations, assumptions or projections about the future, other than statements of historical fact, are forward-looking statements, including, without limitation, statements, forecasts and outlook relating to the condition of end markets; future financial results or operating performance; future strategic actions; Howmetâ€™s strategies, outlook, and business and financial prospects; and any future dividends, debt issuances, debt reduction and repurchases of its common stock. These statements reflect beliefs and assumptions that are based on Howmetâ€™s perception of historical trends, current conditions and expected future developments, as well as other factors Howmet believes are appropriate in the circumstances. Forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties, and changes in circumstances that are difficult to predict, which could cause actual results to differ materially from those indicated by these statements. Such risks and uncertainties include, but are not limited to: (a) deterioration in global economic and financial market conditions generally; (b) adverse changes in the markets served by Howmet; (c) the impact of potential cyber attacks and information technology or data security breaches; (d) the loss of significant customers or adverse changes in customersâ€™ business or financial conditions; (e) manufacturing difficulties or other issues that impact product performance, quality or safety; (f) inability of suppliers to meet obligations due to supply chain disruptions or otherwise; (g) failure to attract and retain a qualified workforce and key personnel, labor disputes or other employee relations issues; (h) the inability to achieve anticipated or targeted revenue growth, cash generation, restructuring plans, cost reductions, improvement in profitability, or strengthening of competitiveness and operations; (i) inability to meet increased demand, production targets or commitments; (j) competition from new product offerings, disruptive technologies or other developments; (k) geopolitical, economic, and regulatory risks relating to Howmetâ€™s global operations, including geopolitical and diplomatic tensions, instabilities, conflicts and wars, as well as compliance with U.S. and foreign trade and tax laws, sanctions, embargoes and other regulations; (l) the outcome of contingencies, including legal proceedings, government or regulatory investigations, and environmental remediation, which can expose Howmet to substantial costs and liabilities; (m) failure to comply with government contracting regulations; (n) adverse changes in discount rates or investment returns on pension assets; and (o) the other risk factors summarized in Howmetâ€™s Form 10-K for the year ended DecemberÂ 31, 2023 and other reports filed with the U.S. Securities and Exchange Commission. Market projections are subject to the risks discussed above and other risks in the market. Credit ratings are not a recommendation to buy or hold any Howmet securities, and they may be revised or revoked at any time at the sole discretion of the credit rating organizations. The statements in this report are made as of the date of the filing of this report. Howmet disclaims any intention or obligation to update publicly any forward-looking statements, whether in response to new information, future events, or otherwise, except as required by applicable law.ItemÂ 3. Quantitative and Qualitative Disclosures about Market Risk.Not material.ItemÂ 4. Controls and Procedures.(a) Evaluation of Disclosure Controls and

ProceduresThe Company's Chief Executive Officer and Chief Financial Officer have evaluated the Companyâ€™s disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934, as amended, as of the end of the period covered by this report, and they have concluded that these controls and procedures are effective.(b) Changes in Internal Control over Financial ReportingThere have been no changes in internal control over financial reporting during the third quarter of 2024 that have materially affected, or are reasonably likely to materially affect, the Companyâ€™s internal control over financial reporting.33PART II â€“ OTHER INFORMATIONItemÂ 1. Legal Proceedings.See Note Q to the Consolidated Financial Statements in Part I, ItemÂ 1 of this Form 10-Q.ItemÂ 1A. Risk Factors.There have been no material changes from the risk factors previously disclosed in Part I, Item 1A, â€œRisk Factorsâ€ in the Companyâ€™s Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023.Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.The following table presents information with respect to the Companyâ€™s repurchases of its common stock during the quarter ended SeptemberÂ 30, 2024: PeriodTotal Number of Shares PurchasedAverage Price Paid Per Share(1)Total Number of Shares Purchased as Part of Publicly Announced Repurchase Plans or ProgramsApproximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in millions)(1)(2)July 1 - July 31, 2024â€”Â $â€”Â â€”Â $2,487August 1 - August 31, 20241,061,323Â $94.22Â 1,061,323Â $2,387September 1 - September 30, 2024â€”Â $â€”Â â€”Â $2,387Total for quarter ended September 30, 20241,061,323Â $94.22Â 1,061,323Â (1)Excludes commissions cost.(2)The Company has a share repurchase program (the â€œShare Repurchase Programâ€) that, after giving effect to the additional $90 million share repurchases made in October 2024 at an average price per share of $103.15, retiring approximately 0.9Â million shares, has approximately $2,297 million in Board authorization remaining available as of October 31, 2024. The current Share Repurchase Program was authorized by the Companyâ€™s Board of Directors on August 18, 2021 at $1,500 million, which was increased by the Board by $2,000 million on July 30, 2024. Under the Companyâ€™s Share Repurchase Program, the Company may repurchase shares by means of trading plans established from time to time in accordance with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, block trades, private transactions, open market repurchases and/or accelerated share repurchase agreements, or other derivative transactions. There is no stated expiration for the Share Repurchase Program. Under its Share Repurchase Program, the Company may repurchase shares from time to time, in amounts, at prices, and at such times as the Company deems appropriate, subject to market conditions, legal requirements and other considerations. The Company is not obligated to repurchase any specific number of shares or to do so at any particular time, and the Share Repurchase Program may be suspended, modified, or terminated at any time without prior notice.34ItemÂ 6. Exhibits.4.1Form of 4.850% Notes due 2031, incorporated by reference to Exhibit 4.6 to the Company's Current Report on Form 8-K filed on August 22, 2024.10.1Howmet Aerospace Inc. Non-Employee Director Compensation Policy, effective as of January 1, 2025.31Certifications pursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002.32Certification pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002.101.INSInline XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.101.SCHInline XBRL Taxonomy Extension Schema Document.101.CALInline XBRL Taxonomy Extension Calculation Linkbase Document.101.DEFInline XBRL Taxonomy Extension Definition Linkbase Document.101.LABInline XBRL Taxonomy Extension Label Linkbase Document.101.PREInline XBRL Taxonomy Extension Presentation Linkbase Document.104.Cover Page Interactive Data File - the cover page from this Quarterly Report on Form 10-Q for the quarter ended SeptemberÂ 30, 2024, formatted in Inline XBRL (included within the Exhibit 101 attachments).35SIGNATURESPursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.Howmet Aerospace Inc.November 6, 2024/s/ Ken GiacobbeDateKen GiacobbeExecutive Vice President andChief Financial Officer(Principal Financial Officer)November 6, 2024/s/ Barbara L. ShultzDateBarbara L. ShultzVice President and Controller(Principal Accounting Officer)36 EX-10.1 2 ex101_3q24.htm EX-10.1 DocumentExhibit 10.1HOWMET AEROSPACE INC.NON-EMPLOYEE DIRECTOR COMPENSATION POLICYEffective as of January 1, 20251.General. This Non-Employee Director Compensation Policy (the "Policy"), sets forth the cash and equity-based compensation that has been approved by the Board of Directors (the "Board") of Howmet Aerospace Inc., a Delaware corporation, (the "Company") as payable to eligible non-employee members of the Board ("Non-Employee Directors"), effective as of January 1, 2025. The cash and equity-based compensation described in this Policy shall be paid or be made, as applicable, automatically and without further action of the Board, to each Non-Employee Director who may be eligible to receive such compensation. This Policy shall remain in effect until it is revised or rescinded by further action of the Board. The terms and conditions of this Policy shall supersede any prior cash or equity compensation arrangements between the Company and its Non-Employee Directors. 2.Cash Compensation. (a)Annual Retainers. Each Non-Employee Director shall be eligible to receive an annual cash retainer of $120,000 for service on the Board. In addition, subject to paragraph 2(b) below, a Non-Employee Director shall receive the following additional annual retainers, as applicable:Non-Employee Director PositionAdditional Annual Cash Retainer FeeLead Director$45,000Audit Committee Chair Fee $25,000Compensation and Benefits Committee Chair FeeÂ $20,000Governance and Nominating Committee Chair Fee$20,000Other Committee Chair Fee$15,000(b)Payment of Chair Fees. At any one time, each non-Employee Director may receive only one additional annual retainer fee in connection with service as the Chair of a committee (whether in the position of Lead Director, Audit Committee Chair, Compensation and Benefits Committee Chair, Governance and Nominating Committee Chair or Other Committee Chair), regardless of how many committee Chair positions held by such director. For the avoidance of doubt, a non-Employee Director may simultaneously serve as the Chair of more than one committee, but will receive for such service only one additional annual retainer fee, equal to the highest of the additional annual retainer fees associated with his or her Chair positions.1(c)Payment of Retainers. The annual retainers described in Section 2(a) shall be earned on a quarterly basis based on a calendar quarter and shall be paid by the Company in arrears not later than the third business day following the end of each calendar quarter (if not deferred by the Non-Employee Director in accordance with subsection (e) hereof). In the event a Non-Employee Director does not serve as a Non-Employee Director, or in the applicable positions described in Section 2(a), for an entire calendar quarter, the retainer paid to such Non-Employee Director shall be prorated for the portion of such calendar quarter actually served as a Non-Employee Director, or in such positions, as applicable.(d)Exceptional Meeting Fees. A fee of $1,200 shall be paid to a Non-Employee Director for each Board or committee meeting attended by such Non-Employee Director in excess of five (5) special Board or committee meetings during the applicable calendar year and applies only to any non-regularly scheduled meeting in excess of a two-hour duration. Such exceptional meeting fees shall be paid by the Company in arrears not later than the third business day following the end of the calendar quarter in which any such exceptional meeting occurs (if not deferred by the Non-Employee Director in accordance with subsection (e) hereof).(e)Deferral of Retainers. Non-Employee Directors may elect to defer payment of all or a portion of the annual retainers described in Section 2(a) and the exceptional meeting fees described in Section 2(d) into specified investment funds and/or into vested restricted share units for shares of the Company's common stock, which deferral will be made pursuant to the terms of the Company's Amended and Restated Deferred Fee Plan for Directors or its successor plan (the "Deferred Fee Plan"). Unless otherwise determined by the Board, any restricted share units will be granted under the Howmet Aerospace Stock Incentive Plan, as Amended and Restated, or its successor plan (the "Equity Plan"), on the date on which such retainer(s) would otherwise have been paid in cash. The extent to which a Non-Employee Director may defer annual retainer payments into vested restricted share units will therefore be subject to any limit on awards granted to a Non-Employee Director set forth in the Equity Plan. 3.Equity Compensation. Non-Employee Directors shall be granted the equity awards described below. The awards described below in Sections 3(a) and 3(b) shall be granted under and shall be subject to the terms and provisions of the Equity Plan and shall be granted subject to an award agreement in substantially the same form approved by the Board prior to or as of the grant date, setting forth the terms of the award (the "Award Terms"), consistent with the Equity Plan. For purposes of this Section 3, the number of shares subject to any restricted share unit award will be determined by dividing the grant date dollar value specified under subsection (a) or (b) hereof by the Fair Market Value (as defined in the Equity Plan) of a share of the Company's common stock on the date of grant. 2(a)Annual Equity Award. A person who is a Non-Employee Director immediately following each annual meeting of the Company's stockholders and who will continue to serve as a Non-Employee Director following such annual meeting shall be automatically granted on the second market trading day following the date of each such annual meeting a restricted share unit award with a grant date value equal to $175,000 (the "Annual Equity Award"). The Annual Equity Award shall vest on the earlier of the first anniversary date of the grant date or the date of the Company's next subsequent annual meeting of stockholders following the grant date. (b)Pro-Rated Annual Equity Award. On the fifth market trading day following a person's initial appointment as a Non-Employee Director, and provided such person has not otherwise received an Annual Equity Award for the relevant year under Section 3(a), the Non-Employee Director shall be automatically granted a restricted share unit award with a grant date value equal to $175,000, in each case multiplied by a fraction, the numerator of which is 365 less the number of days that have elapsed since the date of the Company's last annual meeting of stockholders and the Non-Employee Director's date of initial appointment, and the denominator of which is 365 (the "Pro-Rated Award"). The Pro-Rated Award shall vest on the date of the Company's next subsequent annual meeting of stockholders following the date of the Non-Employee Director's appointment to the Board.(c)Special Vesting of Equity Awards. Notwithstanding Sections 3(a) or (b) above and as shall be further set forth in the Award Terms: (i) unvested equity awards shall vest in full upon the death of a Non-Employee Director or upon a Change in Control where a Replacement Award is not provided or the Non-Employee Directorâ€™s service is terminated (where Change in Control and Replacement Award are as defined in the Equity Plan); and (ii) unvested equity awards shall vest on a pro-rata basis in the event of a Non-Employee Director's termination of service for any other reason.(d)Deferral of Equity Award. Payment of the Annual Equity Award or any Pro-Rated Award will be deferred until the Non-Employee Director's separation from service, in accordance with the terms of the Deferred Fee Plan, unless otherwise required by applicable laws.4.Stock Ownership Guideline. Within a period of six years from the date of a person's initial appointment as a Non- Employee Director, each Non-Employee Director is required to attain ownership of at least $750,000 in the Company's common stock and must maintain such ownership until retirement from the Board.5.Director Compensation Limit. As further set forth in the Equity Plan, the sum of the grant date value of all equity awards granted and all cash compensation paid by the Company to a Non-Employee Director as compensation for services as a Non-Employee Director shall not exceed $750,000 during any calendar year. For avoidance of doubt, compensation shall count towards this limit for the calendar year in which it is granted or earned, and not later when distributed, in the event it is deferred.36.Policy Subject to Amendment, Modification and Termination. This Policy may be amended, modified or terminated by the Board in the future at its sole discretion, provided that no such action that would materially and adversely impact the rights with respect to annual retainers payable in the calendar quarter during which a Non-Employee Director is then performing services shall be effective without the consent of the affected Non-Employee Director.4 EX-31 3 ex31_3q24.htm EX-31 DocumentExhibit 31CertificationsI, John C. Plant, certify that:1.I have reviewed this quarterly report on FormÂ 10-QÂ of Howmet Aerospace Inc.;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act RulesÂ 13a-15(e)Â andÂ 15d-15(e))Â and internal control over financial reporting (as defined in Exchange Act RulesÂ 13a-15(f)Â andÂ 15d-15(f))Â for the registrant and have:(a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;(b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;(c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and(d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):(a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and(b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Â Date: NovemberÂ 6, 2024 Â /s/ John C. PlantJohn C. PlantExecutive Chairman and Chief Executive OfficerI, Ken Giacobbe, certify that:1.I have reviewed this quarterly report on FormÂ 10-QÂ of Howmet Aerospace Inc.;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act RulesÂ 13a-15(e)Â andÂ 15d-15(e))Â and internal control over financial reporting (as defined in Exchange Act RulesÂ 13a-15(f)Â andÂ 15d-15(f))Â for the registrant and have:(a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;(b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;(c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and(d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):(a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and(b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date: NovemberÂ 6, 2024 Â /s/ Ken GiacobbeKen GiacobbeExecutive Vice President and Chief Financial OfficerÂ EX-32 4 ex32_3q24.htm EX-32 DocumentExhibit 32CertificationPursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002Pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002 (subsections (a)Â and (b) of SectionÂ 1350, Chapter 63 of Title 18, United States Code), each of the undersigned officers of Howmet Aerospace Inc., a Delaware corporation (the â€œCompanyâ€), does hereby certify that:The Quarterly Report on FormÂ 10-QÂ for the period ended SeptemberÂ 30, 2024 (the â€œFormÂ 10-Qâ€)Â of the Company fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934 and information contained in the FormÂ 10-QÂ fairly presents, in all material respects, the financial condition and results of operations of the Company.Â Dated:NovemberÂ 6, 2024/s/ John C. PlantJohn C. PlantExecutive Chairman and Chief Executive OfficerDated:NovemberÂ 6, 2024/s/ Ken GiacobbeKen GiacobbeExecutive Vice President and Chief Financial OfficerA signed original of this written statement required by SectionÂ 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by SectionÂ 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.The foregoing certification is being furnished to the Securities and Exchange Commission as an exhibit to the FormÂ 10-QÂ and shall not be considered filed as part of the FormÂ 10-Q. EX-101.SCH 5 hwm-20240930.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - Statement of Consolidated Operations (unaudited) link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - Statement of Consolidated Comprehensive Income (unaudited) link:presentationLink

link:calculationLink link:definitionLink 9952153 - Statement - Consolidated Balance Sheet (unaudited) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - Consolidated Balance Sheet (unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - Statement of Consolidated Cash Flows (unaudited) link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - Statement of Changes in Consolidated Equity (unaudited) link:presentationLink link:calculationLink link:definitionLink 9952157 - Statement - Statement of Changes in Consolidated Equity (unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952158 - Disclosure - Basis of Presentation link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - Recently Adopted and Recently Issued Accounting Guidance link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - Segment Information link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - Restructuring and Other (Credits) Charges link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - Pension and Other Postretirement Benefits link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - Other Expense, Net link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - Earnings Per Share and Common Stock link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - Accumulated Other Comprehensive Loss link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - Receivables link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - Inventories link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - Properties, Plants, and Equipment, net link:presentationLink link:calculationLink link:definitionLink 9952170 - Disclosure - Leases link:presentationLink link:calculationLink link:definitionLink 9952171 - Disclosure - Debt link:presentationLink link:calculationLink link:definitionLink 9952172 - Disclosure - Fair Value of Financial Instruments link:presentationLink link:calculationLink link:definitionLink 9952173 - Disclosure - Divestiture link:presentationLink link:calculationLink link:definitionLink 9952174 - Disclosure - Contingencies, Commitments and Other Liabilities link:presentationLink link:calculationLink link:definitionLink 9952175 - Disclosure - Subsequent Events link:presentationLink link:calculationLink link:definitionLink 9954471 - Disclosure - Basis of Presentation (Policies) link:presentationLink link:calculationLink link:definitionLink 9954472 - Disclosure - Segment Information (Tables) link:presentationLink link:calculationLink link:definitionLink 9954473 - Disclosure - 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Leases (Tables) link:presentationLink link:calculationLink link:definitionLink 9954482 - Disclosure - Debt (Tables) link:presentationLink link:calculationLink link:definitionLink 9954483 - Disclosure - Fair Value of Financial Instruments (Tables) link:presentationLink link:calculationLink link:definitionLink 9954484 - Disclosure - Basis of Presentation (Details) link:presentationLink link:calculationLink link:definitionLink 9954485 - Disclosure - Segment Information - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954486 - Disclosure - Segment Information - Operating Results of Reportable Segments (Details) link:presentationLink link:calculationLink link:definitionLink 9954487 - Disclosure - Segment Information - Segment Operating Profit to Consolidated Income before Income Taxes (Details) link:presentationLink link:calculationLink link:definitionLink 9954488 - Disclosure - Segment Information - Reconciliation of Capital Expenditures (Details) link:presentationLink link:calculationLink link:definitionLink 9954489 - Disclosure - Segment Information - Disaggregation of Revenue by Major End Market Served (Details) link:presentationLink link:calculationLink link:definitionLink 9954490 - Disclosure - Restructuring and Other (Credits) Charges - Restructuring and Other Charges (Details) link:presentationLink link:calculationLink link:definitionLink 9954491 - Disclosure - Restructuring and Other (Credits) Charges - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954492 - Disclosure - Restructuring and Other (Credits) Charges - Activity and Reserve Balances for Restructuring Charges (Details) link:presentationLink link:calculationLink link:definitionLink 9954493 - Disclosure - Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Details) link:presentationLink link:calculationLink link:definitionLink 9954494 - Disclosure - Pension and Other Postretirement Benefits - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - Other Expense, Net - Other Expense, Net (Details) link:presentationLink link:calculationLink link:definitionLink 9954496 - Disclosure - Other Expense, Net - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954497 - Disclosure - Income Taxes - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954498 - Disclosure - Income Taxes - Income Tax Provisions (Details) link:presentationLink link:calculationLink link:definitionLink 9954499 - Disclosure - Earnings Per Share and Common Stock - Reconciliation of Information Used to Compute Basic and Diluted EPS (Details) link:presentationLink link:calculationLink link:definitionLink 9954500 - Disclosure - Earnings Per Share and Common Stock - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954501 - Disclosure - Earnings Per Share and Common Stock - Accelerated Share Repurchases (Details) link:presentationLink link:calculationLink link:definitionLink 9954502 - Disclosure - Accumulated Other Comprehensive Loss (Details) link:presentationLink link:calculationLink link:definitionLink 9954503 - Disclosure - Receivables (Details) link:presentationLink link:calculationLink link:definitionLink 9954504 - Disclosure - Inventories - Inventories Components (Details) link:presentationLink link:calculationLink link:definitionLink 9954505 - Disclosure - Inventories - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954506 - Disclosure - Properties, Plants, and Equipment, net- Properties, Plants, and Equipment, Net (Details) link:presentationLink link:calculationLink link:definitionLink 9954507 - Disclosure - Property, Plant, and Equipment, net- Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954508 - Disclosure - Leases - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954509 - Disclosure - Leases - Operating Lease Assets and Liabilities in the Consolidated Balance Sheet (Details) link:presentationLink link:calculationLink link:definitionLink 9954510 - Disclosure - Debt - Long-Term Debt (Details) link:presentationLink link:calculationLink link:definitionLink 9954510 - Disclosure - Debt - Long-Term Debt (Details) link:presentationLink link:calculationLink link:definitionLink 9954511 - Disclosure - Debt - Public Debt (Details) link:presentationLink link:calculationLink link:definitionLink 9954512 - Disclosure - Debt - Term Loan Facilities (Details) link:presentationLink link:calculationLink link:definitionLink 9954513 - Disclosure - Debt - Credit Facility (Details) link:presentationLink link:calculationLink link:definitionLink 9954514 - Disclosure - Debt - Commercial Paper (Details) link:presentationLink link:calculationLink link:definitionLink 9954515 - Disclosure - Fair Value of Financial Instruments (Details) link:presentationLink link:calculationLink link:definitionLink 9954516 - Disclosure - Divestiture (Details) link:presentationLink link:calculationLink link:definitionLink 9954517 - Disclosure - Contingencies, Commitments and Other Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 6 hwm-20240930_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 7 hwm-20240930_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 8 hwm-20240930_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Engineered Structures Structure Systems [Member] Structure Systems Adjustments to reconcile net income to cash provided from operations: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Statistical Measurement [Domain] Statistical Measurement [Domain] Repurchases and payments on debt (N) Repayments of Long-Term Debt Remaining authorized repurchase amount Share Repurchase Program, Remaining Authorized, Amount Capital expenditures Capital expenditures Segment, Expenditure, Addition to Long-Lived Assets Release of valuation allowance, foreign tax credits, amount Effective Income Tax Rate Reconciliation, Release Of Valuation Allowance, Foreign Tax Credits, Amount Effective Income Tax Rate Reconciliation, Release Of Valuation Allowance, Foreign Tax Credits, Amount Pre-tax income at estimated annual effective income tax rate before discrete items Effective Income Tax Rate Reconciliation at Federal Statutory Income Tax Rate, Amount Supplier invoices subject to future payment Supplier Finance Program, Obligation, Current Cover page. Cover [Abstract] Net change in cash, cash equivalents and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Decrease in obligation, pension benefits Increase (Decrease) in Obligation, Pension Benefits 3.000% Notes, due 2029 Three Percent Notes Due Two Thousand Twenty Nine [Member] Three Percent Bonds Due Two Thousand Twenty Nine [Member] Other current liabilities (M)(Q) Other Liabilities, Current Income Tax Authority [Domain] Income Tax Jurisdiction [Domain] Trading Symbol Trading Symbol Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] Schedule of Reconciliation of Information Used to Compute Basic and Diluted EPS Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Schedule of Accelerated Share Repurchases Accelerated Share Repurchases [Table Text Block] Common (in usd per share) Dividends declared (in usd per share) Common Stock, Dividends, Per Share, Declared Derivative [Line Items] Derivative [Line Items] Forged Wheels Wheel Systems [Member] Wheel Systems Receivables from customers, allowances Accounts Receivable, Allowance for Credit Loss, Current Industrial and Other Industrial And Other [Member] Industrial And Other [Member] Derivative [Table] Derivative [Table] Currency Swap Currency Swap [Member] Income Tax Contingency [Table] Income Tax Contingency [Table] Earnings Per Share Earnings Per Share, Policy [Policy Text Block] Proceeds from exercise of employee stock options Proceeds from Stock Options Exercised Land and land rights Land [Member] Restructuring and Related Activities [Abstract] Restructuring and Related Activities [Abstract] Portion at Fair Value Measurement Portion at Fair Value Measurement [Member] Common stock outstanding (in shares) Common Stock, Shares, Outstanding Recognized net actuarial (gain) loss Defined Benefit Plan, Actuarial Gain (Loss), Immediate Recognition as Component in Net Periodic Benefit (Cost) Credit Leases Lessee, Operating Leases [Text Block] Stock-based compensation Increase (Decrease) In Share-based Compensation Increase (Decrease) In Share-based Compensation Other receivables Other Receivables, Net, Current Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List] Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible Enumeration] Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits Operating Lease, Liability, Noncurrent Number of employees associated with layoff costs Restructuring and Related Cost, Number of Positions Eliminated Financing Activities Net Cash Provided by (Used in) Financing Activities, Continuing Operations [Abstract] Debt covenants, net debt to consolidated EBITDA ratio Debt Instrument, Covenant Compliance, Ratio Of Consolidated Net Debt To Consolidated EBITDA Debt Instrument, Covenant Compliance, Ratio Of Consolidated Net Debt To Consolidated EBITDA US UNITED STATES Engineered Structures Engineered Structures [Member] Engineered Structures Other noncurrent liabilities and deferred credits (M) Deferred Credits and Other Liabilities, Noncurrent Service cost Defined Benefit Plan, Service Cost Other noncurrent assets (M) Other Assets, Noncurrent Entity Tax Identification Number Entity Tax Identification Number 6.750% Bonds, due 2028 Six Point Seven Five Percent Bond Due Two Thousand Twenty Eight [Member] Six point seven five percent bonds due two thousand twenty eight. Leases [Abstract] Leases [Abstract] Payments for legal settlements Payments for Legal Settlements Antidilutive Securities, Name [Domain] Antidilutive Securities, Name [Domain] Retirement Plan Type [Axis] Retirement Plan Type [Axis] Total segment Operating Segments [Member] Receivable Type [Axis] Receivable Type [Axis] Cash provided from operations Net Cash Provided by (Used in) Operating Activities Taxes, including income taxes (G) Taxes Payable, Current Schedule of Changes in Accumulated Other Comprehensive Loss by Component Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Inter-segment sales Intersegment Eliminations [Member] Equity Components [Axis] Equity Components [Axis] Reversal of previously recorded litigation amount Loss Contingency Accrual, Period Increase (Decrease) Financing receivables, held as collateral Financing Receivables, Held As Collateral Financing Receivables, Held As Collateral Net periodic cost (benefit) Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Restructuring Type [Axis] Restructuring Type [Axis] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding RTX Corporation RTX Corporation [Member] RTX Corporation Pension contributions Payment for Pension Benefits Receivable [Domain] Receivable [Domain] Combined fair value of guarantees Guarantees, Fair Value Disclosure Amortization of net actuarial loss and prior service cost and net amount reclassified to earnings Reclassification from AOCI, Current Period, before Tax, Attributable to Parent Entity Small Business Entity Small Business Geographical [Axis] Geographical [Axis] Schedule of Restructuring and Other (Credits) Charges Restructuring and Related Costs [Table Text Block] Debt issuance costs (N) Payments of Debt Issuance Costs Supplier Finance Program, Obligation, Current, Statement of Financial Position [Extensible Enumeration] Supplier Finance Program, Obligation, Current, Statement of Financial Position [Extensible Enumeration] Remediation reserve balance Accrual for Environmental Loss Contingencies Value of shares repurchased Total Stock Repurchased During Period, Value Number of anti-dilutive securities (in shares) Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Cash payments Payments for Restructuring Inventories valued on a LIFO basis LIFO Inventory Amount Credit Facility [Domain] Credit Facility [Domain] Cash, cash equivalents and restricted cash at beginning of period Cash, cash equivalents and restricted cash at end of period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Current assets: Assets, Current [Abstract] Goodwill Goodwill Consolidation Items [Axis] Consolidation Items [Axis] Taxes paid for net share settlement of equity awards Payment, Tax Withholding, Share-Based Payment Arrangement Other comprehensive income (loss), net of tax (I): Other Comprehensive Income (Loss), Net of Tax [Abstract] Authorized repurchase amount Share Repurchase Program, Authorized, Amount Inventories Inventory Disclosure [Text Block] Product and Service [Domain] Product and Service [Domain] Entity Information [Line Items] Entity Information [Line Items] Stock Options Share-Based Payment Arrangement, Option [Member] Fair Value Disclosures [Abstract] Fair Value Disclosures [Abstract] Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table] Antidilutive Security, Excluded EPS Calculation [Table] Comprehensive income Comprehensive Income (Loss), Net of Tax, Attributable to Parent Pension benefits Pension Plan [Member] Property, plant and equipment, excluding construction in progress Property, Plant And Equipment, Excluding Construction In Progress [Member] Property, Plant And Equipment, Excluding Construction In Progress Receivables Transfers and Servicing of Financial Assets [Text Block] Security Exchange Name Security Exchange Name Receivables Purchase Agreement Receivables Purchase Agreement [Member] Receivables Purchase Agreement Earnings per share: Earnings Per Share, Basic [Abstract] Work-in-process Inventory, Work in Process, Net of Reserves Properties, plants, and equipment, net (L) Properties, plants, and equipment, net Property, Plant and Equipment, Net Repayments of debt Repayments of Debt Total liabilities Liabilities Common stock, dividends per share, paid (in usd per share) Common Stock, Dividends, Per Share, Cash Paid Research and development expenses Research and Development Expense Revolving Credit Facility Revolving Credit Facility [Member] Schedule Of Financial Receivables [Table] Schedule Of Financial Receivables [Table] Schedule Of Financial Receivables [Table] Current portion of lease liabilities classified in Other current liabilities Operating Lease, Liability, Current Other comprehensive income (loss): Other Comprehensive Income (Loss) Before Reclassification [Abstract] Other Comprehensive Income (Loss) Before Reclassification [Abstract] Maximum borrowing capacity Line of Credit Facility, Maximum Borrowing Capacity Concentration risk (as a percent) Concentration Risk, Percentage Restructuring and other (credits) charges (D) Restructuring and other charges Restructuring and other (credits) charges Restructuring and other credits (charges) Total restructuring and other (credits) charges Restructuring Costs and Asset Impairment Charges Other discrete items Effective Income Tax Rate Reconciliation, Other Reconciling Items, Amount Derivative liability Derivative Liability Less: accumulated depreciation and amortization Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Other Expense, Net Other Nonoperating Income and Expense [Text Block] Property, plant and equipment, gross Property, Plant and Equipment, Gross Debt Instrument [Line Items] Debt Instrument [Line Items] Basis of Presentation Basis of Accounting, Policy [Policy Text Block] Lehman Brothers International (Europe) (â€œLBIEâ€) Claims Lehman Brothers International (Europe) (â€œLBIEâ€) Claims [Member] Lehman Brothers International (Europe) (â€œLBIEâ€) Claims Diluted (in shares) Average shares outstanding - diluted (in shares) Weighted Average Number of Shares Outstanding, Diluted Amounts Attributable to Howmet Aerospace Common Shareholders (H): Income Amounts Attributable to Parent, Disclosures [Abstract] AOCI Attributable to Parent, Net of Tax [Roll Forward] AOCI Attributable to Parent, Net of Tax [Roll Forward] Long-term Debt, Type [Axis] Long-Term Debt, Type [Axis] Total equity Beginning balance Ending balance Equity, Attributable to Parent Adjusted EBITDA Adjusted EBITDA Adjusted EBITDA Fair Value of Financial Instruments Financial Instruments Disclosure [Text Block] Operating supplies Inventory, Supplies, Net of Reserves Litigation Case [Axis] Litigation Case [Axis] Net (gain) loss related to divestitures of assets and businesses (P) Gain (Loss) On Divestitures Of Assets And Business, Included In Restructuring Charges Gain (Loss) On Divestitures Of Assets And Business, Included In Restructuring Charges Investing Activities Net Cash Provided by (Used in) Investing Activities, Continuing Operations [Abstract] Balance Sheet Location [Axis] Statement of Financial Position Location, Balance [Axis] Properties, Plants, and Equipment, net Property, Plant and Equipment Disclosure [Text Block] Concentration Risk Type [Domain] Concentration Risk Type [Domain] Pension and Other post-retirement benefits - net settlements (E) Pension plan settlement Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Settlement Letters of credit, total amount outstanding Letters of Credit Outstanding, Amount Selling, general administrative, and other expenses Selling, General and Administrative Expense Total Other comprehensive income (loss), net of tax Other comprehensive income (loss) Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Income Tax Contingency [Line Items] Income Tax

Contingency [Line Items] Receivables from customers, less allowances of $â€” in both 2024 and 2023 (J) Accounts Receivable, after Allowance for Credit Loss, Current Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Long-term debt Long-Term Debt Document Fiscal Period Focus Document Fiscal Period Focus Balance Sheet Location [Domain] Statement of Financial Position Location, Balance [Domain] Accrued pension benefits (E) Liability, Defined Benefit Pension Plan, Noncurrent Schedule of Activity and Reserve Balances for Restructuring Charges Schedule of Restructuring Reserve by Type of Cost [Table Text Block] Divestiture Mergers, Acquisitions and Dispositions Disclosures [Text Block] Assets Assets [Abstract] Retirement Plan Type [Domain] Retirement Plan Type [Domain] Restricted cash Restricted Cash, Current Document Type Document Type Derivative Contract [Domain] Derivative Contract [Domain] Commercial Paper Commercial Paper [Member] Reversals of previously recorded layoff reserves Reversal of previously recorded layoff reserve Reversal Of Previous Severance Costs Reversal Of Previous Severance Costs Schedule of Operating Results by Reportable Segments Schedule of Segment Reporting Information, by Segment [Table Text Block] Average price per share (in usd per share) Average price per share (in usd per share) Shares Acquired, Average Cost Per Share Other Noncurrent Liabilities and Deferred Credits Other Noncurrent Liabilities And Deferred Credits [Member] Other noncurrent liabilities and deferred credits. Other Income and Expenses [Abstract] Other Income and Expenses [Abstract] Schedule of Defined Benefit Plans Disclosures [Table] Defined Benefit Plan [Table] Maximum Maximum [Member] Payment timing (in days) Supplier Finance Program, Payment Timing, Period Income tax reserve Tax reserve (Q) Effective Income Tax Rate Reconciliation, Tax Contingency, Amount Antidilutive Securities [Axis] Antidilutive Securities [Axis] Accounts payable, trade (Q) Accounts Payable, Current Accounting Policies [Abstract] Accounting Policies [Abstract] Liabilities Liabilities [Abstract] Aerospace - Commercial Aerospace - Commercial Aerospace - Commercial [Member] Aerospace - Commercial [Member] Current Fiscal Year End Date Current Fiscal Year End Date Lease cost Lease, Cost Statistical Measurement [Axis] Statistical Measurement [Axis] Income before income taxes Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Tax benefit Other Comprehensive Income (Loss) before Reclassifications, Tax Total inventories valued on an average-cost basis Inventory, LIFO Reserve Deferred income taxes Deferred Income Tax Assets, Net Contributions and payments Defined Benefit Plan, Benefit Obligation, Contributions And Payments Defined Benefit Plan, Benefit Obligation, Contributions And Payments Income Tax and Interest Income Tax And Interest [Member] Income Tax And Interest Total Other comprehensive (loss) income before reclassifications, net of tax OCI, before Reclassifications, Net of Tax, Attributable to Parent Additional capital Additional Paid-in Capital [Member] Subsequent Event Type [Domain] Subsequent Event Type [Domain] Pension and Other Postretirement Benefits Retirement Benefits [Text Block] Stock and performance awards (in shares) Incremental Common Shares Attributable to Dilutive Effect of Nonvested Shares with Forfeitable Dividends Alcoa Corporation Workers Compensation Claims Alcoa Corporation Workers Compensation Claims [Member] Alcoa corporation workers compensation claims. Short-Term Debt [Line Items] Short-Term Debt [Line Items] Charge (benefit) for other small items Effective Income Tax Rate Reconciliation, Other Adjustments, Amount Recently Adopted and Recently Issued Accounting Guidance New Accounting Pronouncements, Policy [Policy Text Block] Amortization of prior service benefit Defined Benefit Plan, Amortization of Prior Service Cost (Credit) Diluted (in usd per share) Earnings Per Share, Diluted Class of Stock [Axis] Class of Stock [Axis] Surety bonds, amount outstanding Separation And Distribution Agreement, Surety Bonds, Amount Outstanding Separation And Distribution Agreement, Surety Bonds, Amount Outstanding USD Term Loan USD Term Loan [Member] USD Term Loan Effective income tax rate reconciliation, including discrete items (as a percent) Effective Income Tax Rate Reconciliation, Including Discrete Items, Percent Effective Income Tax Rate Reconciliation, Including Discrete Items, Percent Entity Interactive Data Current Entity Interactive Data Current Type of Restructuring [Domain] Type of Restructuring [Domain] Retirement Benefits [Abstract] Retirement Benefits [Abstract] Foreign currency losses, net Gain (Loss), Foreign Currency Transaction, before Tax Customer [Axis] Customer [Axis] Fastening Systems Fastening Systems [Member] Fastening Systems Layoff costs Employee Severance [Member] Statement of Financial Position [Abstract] Statement of Financial Position [Abstract] Restructuring and Other (Credits) Charges Restructuring and Related Activities Disclosure [Text Block] Increase in receivables (J) Increase (Decrease) in Receivables Income Tax Penalties Income Tax Penalties [Member] Income Tax Penalties Third-party sales Operating Segments And Corporate NonSegment [Member] Operating Segments And Corporate NonSegment Net benefit related to U.S. federal and state R&D credits Effective Income Tax Rate Reconciliation, Tax Credit, Research, Amount Pension and other postretirement benefits Accumulated Defined Benefit Plans Adjustment Attributable to Parent [Member] Provision for income taxes (G) Provision for income taxes Income Tax Expense (Benefit) Interest cost Defined Benefit Plan, Interest Cost Long-term debt, interest rate (as a percent) Debt Instrument, Interest Rate, Stated Percentage Total amount committed under outstanding surety bonds Amount Committed Under Outstanding Surety Bonds Amount Committed Under Outstanding Surety Bonds Discrete tax charge (benefit) Discrete Income Tax Expense (Benefit) Discrete Income Tax Expense (Benefit) Corporate expense Corporate Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Recurring Costs of Managing Hazardous Substances and Environmental Programs Recurring Costs Of Managing Hazardous Substances And Environmental Programs [Member] Recurring costs of managing hazardous substances and environmental programs. Net income, Diluted Net income available to Howmet Aerospace common shareholders - diluted Net Income (Loss) Available to Common Stockholders, Diluted Sales (C) Sales Revenue from Contract with Customer, Excluding Assessed Tax Income tax assessment, amount of penalties cancelled Income Tax Examination, Liability (Refund) Adjustment from Settlement with Taxing Authority Other expense, net (F) Other expense, net Total other expense, net Nonoperating Income (Expense) Decrease in noncurrent liabilities Increase (Decrease) in Other Noncurrent Liabilities Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Concentration Risk Benchmark [Domain] Concentration Risk Benchmark [Domain] Effective income tax rate reconciliation (as a percent) Effective Income Tax Rate Reconciliation, Percent Cash used for investing activities Net Cash Provided by (Used in) Investing Activities Operating income Operating Income (Loss) Income Tax Authority [Axis] Income Tax Jurisdiction [Axis] Number of reportable segments Number of Reportable Segments Total liabilities and equity Liabilities and Equity Subsequent Events Subsequent Events [Text Block] Accrued compensation and retirement costs Employee-related Liabilities, Current Decrease (increase) in prepaid expenses and other current assets Increase (Decrease) in Prepaid Expense and Other Assets Additional capital Additional Paid in Capital Short-Term Debt, Type [Domain] Short-Term Debt, Type [Domain] Guarantees of third party related to project financing Guarantor Obligations, Maximum Exposure, Undiscounted Schedule of Other Expense, Net Schedule of Other Nonoperating Income (Expense) [Table Text Block] Restructuring and other charges Restructuring Charges Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Interest expense, net Interest income Interest Income (Expense), Nonoperating Schedule of Reconciliation of Capital Expenditures from Segments to Consolidated Cash Flows Reconciliation of Capital Expenditures From Segments To Consolidated [Table Text Block] Reconciliation of Capital Expenditures From Segments To Consolidated Expected return on plan assets Defined Benefit Plan, Expected Return (Loss) on Plan Assets Accumulated other comprehensive loss Accumulated other comprehensive loss AOCI Attributable to Parent [Member] Cash flow hedges Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member] Inventories (K) Total inventories Inventory, Net Long-term Debt, Type [Domain] Long-Term Debt, Type [Domain] Product and Service [Axis] Product and Service [Axis] Entity Address, State or Province Entity Address, State or Province Property, Plant and Equipment [Line Items] Property, Plant and Equipment [Line Items] Statement [Line Items] Statement [Line Items] Arconic Corporation Environmental Obligations Arconic Corporation Environmental Obligations [Member] Arconic Corporation Environmental Obligations Segment Adjusted EBITDA Segment Adjusted EBITDA Segment Adjusted EBITDA USD Term Loan Facility, due 2026 USD Term Loan Facility Due 2026 [Member] USD Term Loan Facility Due 2026 Schedule of Segment Reporting Information to Consolidated Income Before Income Taxes Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block] Defined Benefit Plan Disclosure [Line Items] Defined Benefit Plan Disclosure [Line Items] Schedule of Properties, Plants, and Equipment, Net Property, Plant and Equipment [Table Text Block] Ministry of the Economy, Finance and Industry, France Ministry of the Economy, Finance and Industry, France [Member] General Electric Company General Electric Company [Member] General Electric Company Income tax assessment, estimate of possible loss Income Tax Examination, Estimate of Possible Loss Schedule of Components of Net Periodic Cost (Benefit) Schedule of Net Benefit Costs [Table Text Block] Fixed interest rate (as a percent) Derivative, Fixed Interest Rate Fair value Estimate of Fair Value Measurement [Member] UK UNITED KINGDOM Property, Plant and Equipment [Table] Property, Plant and Equipment [Table] Right-of-use assets classified in Other noncurrent assets Operating Lease, Right-of-Use Asset Concentration Risk [Table] Concentration Risk [Table] Accounts receivable securitization following a provision to increase the limit Accounts Receivable From Securitization, Face Amount After Provision To Increase Limit Accounts Receivable From Securitization, Face Amount After Provision To Increase Limit Short-Term Debt, Type [Axis] Short-Term Debt, Type [Axis] Segments [Axis] Segments [Axis] Tax Period [Axis] Tax Period [Axis] Separation Agreement Separation Agreement [Member] Separation agreement. Derivative Instrument [Axis] Derivative Instrument [Axis] Property, Plant and Equipment [Abstract] Property, Plant and Equipment [Abstract] Amount outstanding Long-Term Debt, Gross Net periodic pension cost (E) Defined Benefit Pension Plans Net Periodic Benefit Cost The total amount of net periodic benefit cost for defined benefit pension plans for the period excluding settlements, curtailments, and special termination benefits related to restructuring actions. Periodic benefit costs include the following components: service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) due to settlements or curtailments. Payments related to remediation expenses applied against the reserve (less than in second quarter) Accrual for Environmental Loss Contingencies, Payments Number of entities Loss Contingency, Number Of Entities Loss Contingency, Number Of Entities Earnings Per Share and Common Stock Earnings Per Share [Text Block] OtherÂ exit costs Other Restructuring And Disposal Of Business [Member] Other Restructuring And Disposal Of Business Subsequent Event Subsequent Event [Member] 4.850% Notes, due 2031 Four Point Eight Five Percent Notes Due Two Thousand Thirty One [Member] Four Point Eight Five Percent Notes Due Two Thousand Thirty One Schedule Of Financial Receivables [Line Items] Schedule Of Financial Receivables [Line Items] Schedule Of Financial Receivables [Line Items] Preferred stock-Class A Dividends, Preferred Stock Howmet Aerospace shareholdersâ€™ equity: Equity, Attributable to Parent [Abstract] Net realized and unrealized losses Gain (Loss) on Investments Accounts receivable outstanding Accounts Receivable, Sale, Amount Outstanding Accounts Receivable, Sale, Amount Outstanding Segments [Domain] Segments [Domain] Accrued other postretirement benefits (E) Liability, Other Postretirement Defined Benefit Plan, Noncurrent Debt term Debt Instrument, Term Decrease in accounts payable, trade Increase (Decrease) in Accounts Payable, Trade Schedule of Supplemental Balance Sheet Information Related to Leases Assets And Liabilities, Lessee [Table Text Block] Assets And Liabilities, Lessee [Table Text Block] Basis of Presentation Basis of Presentation and Significant Accounting Policies [Text Block] Borrowings Proceeds from Lines of Credit France FRANCE Structures Building [Member] Income Tax Disclosure [Abstract] Income Tax Disclosure [Abstract] Entities [Table] Entities [Table] Other, net Other Nonoperating Income (Expense) Deferred compensation Deferred Compensation Arrangement with Individual, Compensation Expense Other postretirement benefits Other Postretirement Benefits Plan [Member] Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Intangibles, net Intangible Assets, Net (Excluding Goodwill) Receivables [Abstract] Receivables [Abstract] Preferred (in usd per share) Preferred Stock, Dividends Per Share, Declared Long-Lived Tangible Asset [Axis] Long-Lived Tangible Asset [Axis] Increase in noncurrent assets Increase (Decrease) in Other Noncurrent Assets Accrued interest Interest Payable Other Restructuring Reserve, Settled without Cash Number of interest rate swap transactions Loss Contingency, Number Of Interest Rate Swap Transactions Loss Contingency, Number Of Interest Rate Swap Transactions Income Statement, Balance Sheet and Additional Disclosures by Disposal Groups, Including Discontinued Operations [Line Items] Income Statement, Balance Sheet and Additional Disclosures by Disposal Groups, Including Discontinued Operations [Line Items] Proceeds from the sale of assets and businesses (D)(P) Proceeds from Sales of Business, Affiliate and Productive Assets Interest income Investment Income, Nonoperating Dividends paid to shareholders Payments of Ordinary Dividends Disposal Groups, Including Discontinued Operations [Table] Disposal Groups, Including Discontinued Operations [Table] United States and Canada United States And Canada [Member] United States And Canada Retirement Plan Sponsor Location [Domain] Retirement Plan Sponsor Location [Domain] 5.900% Notes, due 2027 Five Point Nine Percent Notes Due Two Thousand Twenty Seven [Member] Five point nine percent notes due two thousand twenty seven. Restructuring Cost and Reserve [Line Items] Restructuring Cost and Reserve [Line Items] Local Phone Number Local Phone Number Guarantees of third party related to project financing Guarantor Obligations, Current Carrying Value Corporate expense Operating Expenses Non-service costs - pension and other postretirement benefits (E) Net Periodic Benefit Cost, Non-service Net Periodic Benefit Cost, Non-service Termination notice period (in days) Supplier Finance Program, Agreement Termination Notice, Period Supplier Finance Program, Agreement Termination Notice, Period Number of shares (in shares) Stock Repurchased During Period, Shares Remediation reserve balance, classified as a current liability Accrued Environmental Loss Contingencies, Current Retirement Plan Sponsor Location [Axis] Retirement Plan Sponsor Location [Axis] Changes in assets and liabilities, excluding effects of acquisitions, divestitures, and foreign currency translation adjustments: Increase (Decrease) in Operating Capital [Abstract] Long-Lived Tangible Asset [Domain] Long-Lived Tangible Asset [Domain] Accrued interest payable Interest Payable, Current Contingencies, Commitments and Other Liabilities Commitments and Contingencies Disclosure [Text Block] Debt Disclosure [Abstract] Debt Disclosure [Abstract] Common stock Common Stock [Member] Common stock issued: compensation plans Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Coverage limit Insurance Annual Coverage Limit Insurance Annual Coverage Limit Line of Credit Line of Credit [Member] Revenue, Major Customer [Line Items] Revenue, Major Customer [Line Items] Entity Emerging Growth Company Entity Emerging Growth Company Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List] Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Segment Reporting [Abstract] Segment Reporting [Abstract] Entity Central Index Key Entity Central Index Key Schedule of Inventories Components Schedule of Inventory, Current [Table Text Block] Foreign currency translation Accumulated Foreign Currency Adjustment Attributable to Parent [Member] Other Other Restructuring Costs Discontinued Operations and Disposal Groups [Abstract] Discontinued Operations and Disposal Groups [Abstract] Equity Component [Domain] Equity Component [Domain] Segment Information Segment Reporting Disclosure [Text Block] Long-term debt due within one year (N) Less: amount due within one year Long-Term Debt, Current Maturities Recently Adopted and Recently Issued Accounting Guidance Accounting Standards Update and Change in Accounting Principle [Text Block] Stock-based compensation APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Entity Shell Company Entity Shell Company Measurement Basis [Axis] Measurement Basis [Axis] Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Repurchased face amount Debt Instrument, Repurchased Face Amount Statement [Table] Statement [Table] Interest expense Interest Expense, Debt 4.750% Iowa Finance Authority Loan, due 2042 Four Point Seven Five Percent, Iowa Finance Authority Loan Due Two Thousand Forty Two [Member] Iowa Authority Loan [Member] Consolidation Items [Domain] Consolidation Items [Domain] City Area Code City Area Code Current liabilities: Liabilities, Current [Abstract] Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Axis] Gain (loss) on sale of assets Gain (Loss) on Disposition of Assets Total current assets Assets, Current Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Accounts receivables sold Accounts Receivable, Sale Preferred stock Preferred Stock [Member] (Decrease) increase in taxes, including income taxes Increase (Decrease) in Accrued Taxes Payable Decrease in accrued expenses Increase (Decrease) in Accrued Liabilities Tax Period [Domain] Tax Period [Domain] RepurchasesÂ ofÂ commonÂ stock Payments for Repurchase of Common Stock Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] Long-term debt (N)(O) Total long-term debt Long-Term Debt, Excluding Current Maturities Accounts receivable securitization amount drawn Accounts Receivable From Securitization, Amount Drawn Accounts Receivable From Securitization, Amount Drawn Schedule of Segment Reporting Information, by Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Restructuring Reserve [Roll Forward] Restructuring Reserve [Roll Forward] Subsequent Event Type [Axis] Subsequent Event Type [Axis] Income Taxes Income Tax Disclosure [Text Block] Repurchase and retirement of common stock (H) Stock Repurchased and Retired During Period, Value Earnings Per Share [Abstract] Earnings Per Share [Abstract] Equity [Abstract] Equity [Abstract] JPY Term Loan JPY Term Loan [Member] JPY Term Loan Purchased raw materials Inventory, Raw Materials, Net of Reserves Retained earnings Retained Earnings (Accumulated Deficit) Stock repurchased and retired (in shares) Stock Repurchased and Retired During Period, Shares Class of Stock [Domain] Class of Stock [Domain] Domestic Plan Domestic Plan [Member] Increase in inventories Increase (Decrease) in Inventories Additional Interest on Income Tax Additional Interest On Income Tax [Member] Additional Interest On Income Tax Schedule of Long-Term Debt Schedule of Debt [Table Text Block] Deferred income taxes Deferred Income Taxes and Tax Credits Judgement from legal proceedings Litigation Settlement, Amount Awarded to Other Party Organization, Consolidation and Presentation of Financial Statements [Abstract] Organization, Consolidation and Presentation of Financial Statements [Abstract] Total lease liabilities Operating Lease, Liability Cash used for financing activities Net Cash Provided by (Used in) Financing Activities Premiums paid on early redemption of debt (N) Payment for early redemption of debt Payment for Debt Extinguishment or Debt Prepayment Cost 5.125% Notes, due 2024 Five Point One Two Five Percent Notes Due Two Thousand Twenty

Four [Member] Five Point One Two Five Percent Notes Due Two Thousand Twenty Four [Member] Credit Facility [Axis] Credit Facility [Axis] Legal fees Legal Fees Accelerated depreciation Restructuring and Related Cost, Accelerated Depreciation Amendment Flag Amendment Flag Loss Contingency Nature [Axis] Loss Contingency Nature [Axis] Long-term debt Long-Term Debt, Fair Value Carrying value Reported Value Measurement [Member] Commercial paper Commercial Paper Entity Registrant Name Entity Registrant Name Operating activities Net Cash Provided by (Used in) Operating Activities, Continuing Operations [Abstract] Depreciation and amortization Depreciation, Depletion and Amortization Accounts receivable securitization Accounts Receivable from Securitization, Face Amount Accounts Receivable from Securitization, Face Amount Foreign currency translation adjustments Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent Machinery and equipment Machinery and Equipment [Member] Customer Concentration Risk Customer Concentration Risk [Member] Subsequent Events [Abstract] Subsequent Events [Abstract] Debt Debt Disclosure [Text Block] Equity Equity, Including Portion Attributable to Noncontrolling Interest [Abstract] Geographical [Domain] Geographical [Domain] Aggregate principal amount Debt Instrument, Face Amount Schedule of Disaggregation of Revenue by Major End Market Served Disaggregation of Revenue [Table Text Block] Entity Address, Postal Zip Code Entity Address, Postal Zip Code Collaborative Arrangement and Arrangement Other than Collaborative [Axis] Collaborative Arrangement and Arrangement Other than Collaborative [Axis] Schedule of Restructuring and Related Costs [Table] Restructuring Cost [Table] Collaborative Arrangement and Arrangement Other than Collaborative [Domain] Collaborative Arrangement and Arrangement Other than Collaborative [Domain] Title of 12(b) Security Title of 12(b) Security Aerospace - Defense Aerospace - Defense [Member] Aerospace - Defense Concentration Risk Type [Axis] Concentration Risk Type [Axis] Common stock Common Stock, Value, Issued 5.950% Notes, due 2037 Five Point Nine Five Percent Notes Due Two Thousand Thirty Seven [Member] Five point nine five percent notes due two thousand thirty seven. Income Tax Authority, Name [Domain] Income Tax Authority, Name [Domain] Cash dividends declared: Dividends, Cash [Abstract] Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Other Payments for (Proceeds from) Other Investing Activities Tax Years 2010 Through 2012 Tax Years 2010 Through 2012 [Member] Tax Years 2010 Through 2012 Tax expense Reclassification from AOCI, Current Period, Tax Loss on debt redemption (N) Loss on debt redemption Loss on debt redemption Gain (Loss) on Extinguishment of Debt Concentration Risk [Line Items] Concentration Risk [Line Items] Preferred stock Preferred Stock, Value, Issued Aerospace Aerospace [Member] Aerospace Operating Lease, Liability, Current, Statement of Financial Position [Extensible List] Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] Provision for depreciation and amortization Provision for depreciation and amortization Provision for depreciation and amortization Depreciation, Depletion and Amortization, Nonproduction Fair Value Measurement [Domain] Fair Value Measurement [Domain] Basic (in usd per share) Earnings Per Share, Basic Schedule of Short-Term Debt [Table] Short-Term Debt [Table] Excess tax benefit for stock compensation Effective Income Tax Rate Reconciliation, Tax Expense (Benefit), Share-Based Payment Arrangement, Amount Capital expenditures incurred but not yet paid Capital Expenditures Incurred but Not yet Paid Net income, Basic Net income available to Howmet Aerospace common shareholders - basic Net Income (Loss) Available to Common Stockholders, Basic Total current liabilities Liabilities, Current Total assets Assets Amounts outstanding Long-Term Line of Credit Percentage of cost of goods sold (as a percent) Percentage Of Cost Of Goods Sold Percentage of cost of goods sold. Capital expenditures (C) Payments to Acquire Property, Plant, and Equipment Cost of goods sold (exclusive of expenses below) Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization Contingencies and commitments (Q) Commitments and Contingencies Impact of change in estimated annual effective tax rate on previous quarterâ€™s pre-tax income Effective Income Tax Reconciliation, Change In Estimate From Prior Period, Amount Effective Income Tax Reconciliation, Change In Estimate From Prior Period, Amount Number of cleanup locations Number Of Cleanup Locations Number of cleanup locations. Entity Address, City or Town Entity Address, City or Town Additions to debt (N) Proceeds from Issuance of Long-Term Debt Commercial Transportation Commercial Transportation [Member] Commercial Transportation [Member] Debt Instrument [Axis] Debt Instrument [Axis] Less: preferred stock dividends declared Preferred Stock Dividends and Other Adjustments Net income Net income Net income Net income Net Income (Loss) Attributable to Parent Schedule of Carrying Values and Fair Values of Financial Instruments Fair Value, by Balance Sheet Grouping [Table Text Block] Accumulated Other Comprehensive Loss Comprehensive Income (Loss) Note [Text Block] Loss Contingencies [Table] Loss Contingencies [Table] Engine Products Engine Products Segment [Member] Engine Products Segment Foreign Tax Authority Foreign Tax Jurisdiction [Member] Entity File Number Entity File Number Document Fiscal Year Focus Document Fiscal Year Focus Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Unrecognized net actuarial gain and prior service benefit and net change from periodic revaluations OCI, before Reclassifications, before Tax, Attributable to Parent Early redemption of debt Extinguishment of Debt, Amount Average Shares Outstanding (H): Weighted Average Number of Shares Outstanding Reconciliation [Abstract] Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Effect of exchange rate changes on cash, cash equivalents and restricted cash Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Layoff costs Severance Costs Common Dividends, Common Stock Document Period End Date Document Period End Date Loss Contingency, Nature [Domain] Loss Contingency, Nature [Domain] Loss contingency, provision Loss Contingency Accrual, Provision Finished goods Inventory, Finished Goods, Net of Reserves Other Other Noncash Income (Expense) Redemption price, amount Debt Instrument, Redemption Price, Amount Debt Instrument, Redemption Price, Amount Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized Effective Income Tax Rate Reconciliation, Tax Contingency, Foreign, Amount Other, net Other Long Term Debt, Including Unamortized Debt Discounts And Issuance Costs Other Long Term Debt, Including Unamortized Debt Discounts And Issuance Costs Certain Customers Certain Customers [Member] Certain Customers Preferred Class A Preferred Class A [Member] Restructuring and other credits (charges) Segment Reporting, Reconciling Item, Excluding Corporate Nonsegment [Member] Inventory Disclosure [Abstract] Inventory Disclosure [Abstract] Effect of dilutive securities: Dilutive Securities, Effect on Basic Earnings Per Share [Abstract] Prepaid expenses and other current assets Prepaid Expense and Other Assets, Current Document Transition Report Document Transition Report Schedule of Revenue by Major Customers, by Reporting Segments [Table] Schedule of Revenue by Major Customers, by Reporting Segments [Table] Document Quarterly Report Document Quarterly Report JPY Term Loan Facility, due 2026 JPY Term Loan Facility, Due 2026 [Member] JPY Term Loan Facility, Due 2026 Litigation Case [Domain] Litigation Case [Domain] Change in unrecognized net actuarial loss and prior service benefit related to pension and other postretirement benefits Other Comprehensive (Income) Loss, Defined Benefit Plan, after Tax and Reclassification Adjustment, Attributable to Parent Customer [Domain] Customer [Domain] Accumulated other comprehensive loss (I) Accumulated Other Comprehensive Income (Loss), Net of Tax Entity Current Reporting Status Entity Current Reporting Status Retained earnings Retained Earnings [Member] Income Tax Authority, Name [Axis] Income Tax Authority, Name [Axis] Basic (in shares) Average shares outstanding - basic (in shares) Weighted Average Number of Shares Outstanding, Basic Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Construction work-in-progress Construction in Progress [Member] Revenue Benchmark Revenue Benchmark [Member] Schedule of Income Tax Provisions Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] Entity Filer Category Entity Filer Category Total amount reclassified from Accumulated other comprehensive (loss) income, net of tax Reclassification from AOCI, Current Period, Net of Tax, Attributable to Parent Restructuring reserve, beginning balance Restructuring reserve, ending balance Restructuring Reserve Letter of Credit Letter of Credit [Member] 6.875% Notes, due 2025 6.875% Notes, due 2025 Six Point Eight Seven Five Percent Notes Due Two Thousand Twenty Five [Member] Six Point Eight Seven Five Percent Notes Due Two Thousand Twenty Five Loss Contingencies [Line Items] Loss Contingencies [Line Items] Net change in unrecognized (losses) gains on cash flow hedges Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Parent EX-101.PRE 9 hwm-20240930_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT XML 11 R1.htm IDEA: XBRL DOCUMENT v3.24.3 Cover - shares 9 Months Ended Sep. 30, 2024 Nov. 04, 2024 Entity Information [Line Items] Â Â Document Type 10-Q Â Document Quarterly Report true Â Document Period End Date Sep. 30, 2024 Â Document Transition Report false Â Entity File Number 1-3610 Â Entity Registrant Name HOWMET AEROSPACE INC. Â Entity Incorporation, State or Country Code DE Â Entity Tax Identification Number 25-0317820 Â Entity Address, Address Line One 201 Isabella Street, Suite 200 Â Entity Address, City or Town Pittsburgh Â Entity Address, State or Province PA Â Entity Address, Postal Zip Code 15212-5872 Â City Area Code 412 Â Local Phone Number 553-1940 Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Entity Filer Category Large Accelerated Filer Â Entity Small Business false Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Common Stock, Shares Outstanding Â 406,260,649 Amendment Flag false Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q3 Â Entity Central Index Key 0000004281 Â Current Fiscal Year End Date --12-31 Â Common stock Â Â Entity Information [Line Items] Â Â Title of 12(b) Security Common Stock, par value $1.00 per share Â Trading Symbol HWM Â Security Exchange Name NYSE Â Preferred stock Â Â Entity Information [Line Items] Â Â Title of 12(b) Security $3.75 Cumulative Preferred Stock, par value $100.00 per share Â Trading Symbol HWM PR Â Security Exchange Name NYSEAMER Â X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: dei_EntityInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration

X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_PreferredStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 12 R2.htm IDEA: XBRL DOCUMENT v3.24.3 Statement of Consolidated Operations (unaudited) - USD ($) shares in Millions, $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income Statement [Abstract] Â Â Â Â Sales (C) $ 1,835 $ 1,658 $ 5,539 $ 4,909 Cost of goods sold (exclusive of expenses below) 1,253 1,183 3,830 3,543 Selling, general administrative, and other expenses 85 87 270 250 Research and development expenses 9 9 26 27 Provision for depreciation and amortization 68 68 204 204 Restructuring and other (credits) charges (D) (1) 4 21 8 Operating income 421 307 1,188 877 Loss on debt redemption (N) 6 0 6 1 Interest expense, net 44 54 142 166 Other expense, net (F) 17 11 49 5 Income before income taxes 354 242 991 705 Provision for income taxes (G) 22 54 150 176 Net income 332 188 841 529 Amounts Attributable to Howmet Aerospace Common Shareholders (H): Â Â Â Â Net income, Basic 331 187 839 527 Net income, Diluted $ 331 $ 187 $ 839 $ 527 Earnings per share: Â Â Â Â Basic (in usd per share) $ 0.81 $ 0.45 $ 2.06 $ 1.28 Diluted (in usd per share) $ 0.81 $ 0.45 $ 2.04 $ 1.27 Average Shares Outstanding (H): Â Â Â Â Basic (in shares) 408 412 408 412 Diluted (in shares) 410 415 411 417 X - DefinitionCost of product sold and service rendered, excluding depreciation, depletion, and amortization. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef 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-Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 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-Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeAmountsAttributableToReportingEntityDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB 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https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 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Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest income (expense) classified as nonoperating. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48 + Details Name: us-gaap_InterestIncomeExpenseNonoperatingNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI 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http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI 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http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, and addition from assumption of issuance of common shares for dilutive potential common shares; of income (loss) available to common shareholders. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40 + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan and expenses resulting from the write-down of assets. Excludes expenses related to a business combination, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCostsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed

by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingDilutedDisclosureItemsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 13 R3.htm IDEA: XBRL DOCUMENT v3.24.3 Statement of Consolidated Comprehensive Income (unaudited) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Statement of Comprehensive Income [Abstract] Â Â Â Â Net income $ 332 $ 188 $ 841 $ 529 Other comprehensive income (loss), net of tax (I): Â Â Â Â Change in unrecognized net actuarial loss and prior service benefit related to pension and other postretirement benefits 8 10 15 19 Foreign currency translation adjustments 71 (56) 30 (18) Net change in unrecognized (losses) gains on cash flow hedges (19) 4 (13) (10) Total Other comprehensive income (loss), net of tax 60 (42) 32 (9) Comprehensive income $ 392 $ 146 $ 873 $ 520 X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan, attributable to parent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (j) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (k) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards

Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after tax of other comprehensive income (loss) attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 14 R4.htm IDEA: XBRL DOCUMENT v3.24.3 Consolidated Balance Sheet (unaudited) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Current assets: Â Â Cash and cash equivalents $ 475 $ 610 Receivables from customers, less allowances of $â€” in both 2024 and 2023 (J) 757 675 Other receivables 18 17 Inventories (K) 1,902 1,765 Prepaid expenses and other current assets 239 249 Total current assets 3,391 3,316 Properties, plants, and equipment, net (L) 2,358 2,328 Goodwill 4,047 4,035 Deferred income taxes 39 46 Intangibles, net 484 505 Other noncurrent assets (M) 239 198 Total assets 10,558 10,428 Current liabilities: Â Â Accounts payable, trade (Q) 917 982 Accrued compensation and retirement costs 288 263 Taxes, including income taxes (G) 59 68 Accrued interest payable 25 65 Other current liabilities (M)(Q) 227 200 Long-term debt due within one year (N) 1 206 Total current liabilities 1,517 1,784 Long-term debt (N)(O) 3,393 3,500 Accrued pension benefits (E) 629 664 Accrued other postretirement benefits (E) 84 92 Other noncurrent liabilities and deferred credits (M) 432 351 Total liabilities 6,055 6,391 Contingencies and commitments (Q) Howmet Aerospace shareholdersâ€™ equity: Â Â Preferred stock 55 55 Common stock 407 410 Additional capital 3,386 3,682 Retained earnings 2,453 1,720 Accumulated other comprehensive loss (I) (1,798) (1,830) Total equity 4,503 4,037 Total liabilities and equity $ 10,558 $ 10,428 X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher

FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of unearned revenue or income, not otherwise specified in the taxonomy, which is expected to be taken into income after one year or beyond the normal operating cycle, if longer and noncurrent obligations not separately disclosed in the balance sheet (other liabilities, noncurrent). + ReferencesNo definition available. + Details Name: us-gaap_DeferredCreditsAndOtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability, recognized in statement of financial position, for defined benefit pension plan, classified as noncurrent. Excludes other postretirement benefit plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_DefinedBenefitPensionPlanLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of [accrued] interest payable on all forms of debt, including trade payables, that has been incurred and is unpaid. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InterestPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef 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http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_OtherLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liability, recognized in statement of financial position, for defined benefit other postretirement plan, classified as noncurrent. Excludes pension plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_OtherPostretirementDefinedBenefitPlanLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance, of receivables classified as other, due within one year or the operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_OtherReceivablesNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_TaxesPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 15 R5.htm IDEA: XBRL DOCUMENT v3.24.3 Consolidated Balance Sheet (unaudited) (Parenthetical) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Statement of Financial Position [Abstract] Â Â Receivables from customers, allowances $ 0 $ 0 X - DefinitionAmount of allowance for credit loss on accounts receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4 + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 16 R6.htm IDEA: XBRL DOCUMENT v3.24.3 Statement of Consolidated Cash Flows (unaudited) - USD ($) $ in Millions 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Operating activities Â Â Net income $ 841 $ 529 Adjustments to reconcile net income to cash provided from operations: Â Â Depreciation and amortization 204 204 Deferred income taxes 39 92 Restructuring and other charges 21 8 Net realized and unrealized losses 18 17 Net periodic pension cost (E) 31 28 Stock-based compensation 54 39 Loss on debt redemption (N) 6 1 Other 4 2 Changes in assets and liabilities, excluding effects of acquisitions, divestitures, and foreign currency translation adjustments: Â Â Increase in receivables (J) (97) (211) Increase in inventories (139) (148) Decrease (increase) in prepaid expenses and other current assets 9 (12) Decrease in accounts payable, trade (67) (57) Decrease in accrued expenses (42) (18) (Decrease) increase in taxes, including income taxes (5) 17 Pension contributions (33) (19) Increase in noncurrent assets (6) (2) Decrease in noncurrent liabilities (20) (27) Cash provided from operations 818 443 Financing Activities Â Â Additions to debt (N) 500 0 Repurchases and payments on debt (N) (805) (376) Debt issuance costs (N) (5) 0 Premiums paid on early redemption of debt (N) (5) (1) RepurchasesÂ ofÂ commonÂ stock (310) (150) Proceeds from exercise of employee stock options 7 10 Dividends paid to shareholders (76) (52) Taxes paid for net share settlement of equity awards (48) (77) Cash used for financing activities (742) (646) Investing Activities Â Â Capital expenditures (C) (219) (164) Proceeds from the sale of assets and businesses (D)(P) 9 1 Other 1 0 Cash used for investing activities (209) (163) Effect of exchange rate changes on cash, cash equivalents and restricted cash (2) (1) Net change in cash, cash equivalents and restricted cash (135) (367) Cash, cash equivalents and restricted cash at beginning of period 610 792 Cash, cash equivalents and restricted cash at end of period $ 475 $ 425 X - DefinitionThe total amount of net periodic benefit cost for defined benefit pension plans for the period excluding settlements, curtailments, and special termination benefits related to restructuring actions. Periodic benefit costs include the following components: service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) due to settlements or curtailments. + ReferencesNo definition available. + Details Name: hwm_DefinedBenefitPensionPlansNetPeriodicBenefitCost Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionIncrease (Decrease) In Share-based Compensation + ReferencesNo definition available. + Details Name: hwm_IncreaseDecreaseInSharebasedCompensation Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) and income tax credits. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_DeferredIncomeTaxesAndTaxCredits Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of realized and unrealized gain (loss) on investment. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionChange in recurring obligations of a business that arise from the acquisition of merchandise, materials, supplies and services used in the production and sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayableTrade Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period of all taxes owed but not paid, including income, property and other taxes. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedTaxesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent operating liabilities classified as other. + ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the total amount due within one year (or one operating cycle) from all parties, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesContinuingOperationsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesContinuingOperationsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-

gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesContinuingOperationsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (expense) included in net income that results in no cash inflow (outflow), classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OtherNoncashIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash (inflow) outflow from investing activities classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_PaymentsForProceedsFromOtherInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow to reacquire common stock during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsForRepurchaseOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for cost from early extinguishment and prepayment of debt. Includes, but is not limited to, third-party cost, premium paid, and other fee paid to lender directly for debt extinguishment or debt prepayment. Excludes accrued interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtExtinguishmentCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionCash outflow in the form of ordinary dividends to common shareholders, preferred shareholders and noncontrolling interests, generally out of earnings. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfOrdinaryDividends Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for pension benefit. Includes, but is not limited to, employer contribution to fund plan asset and payment to retiree. Excludes other postretirement benefit. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PensionContributions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAggregate cash proceeds received from a combination of transactions in which noncurrent assets are sold, which may include the sale of a business, an investment in an affiliate (including an equity method investee), property, plant and equipment and intangible assets. Excludes sales of trading, available-for-sale, and held-to-maturity securities. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_ProceedsFromSalesOfBusinessAffiliateAndProductiveAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow from exercise of option under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Subparagraph (a) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2A + Details Name: us-gaap_ProceedsFromStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3 + Details Name: us-gaap_RepaymentsOfLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan and expenses resulting from the write-down of assets. Excludes expenses related to a business combination, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCostsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 17 R7.htm IDEA: XBRL DOCUMENT v3.24.3 Statement of Changes in Consolidated Equity (unaudited) - USD ($) $ in Millions Total Preferred Class A Preferred stock Common stock Additional capital Retained earnings Retained earnings Preferred Class A Accumulated other comprehensive loss Beginning balance at Dec. 31, 2022 $ 3,601 Â $ 55 $ 412 $ 3,947 $ 1,028 Â $ (1,841) Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Net income 529 Â Â Â Â 529 Â Â Other comprehensive income (loss) (9) Â Â Â Â Â Â Â (9) Cash dividends declared: Â Â Â Â Â Â Â Â Preferred stock-Class A Â $ (2) Â Â Â Â $ (2) Â Common (70) Â Â Â Â (70) Â Â Repurchase and retirement of common stock (H) (150) Â Â (3) (147) Â Â Â Stock-based compensation 39 Â Â Â 39 Â Â Â Common stock issued: compensation plans (66) Â Â 3 (69) Â Â Â Ending balance at Sep. 30, 2023 3,872 Â 55 412 3,770 1,485 Â (1,850) Beginning balance at Jun. 30, 2023 3,775 Â 55 412 3,782 1,334 Â (1,808) Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Net income 188 Â Â Â Â 188 Â Â Other comprehensive income (loss) (42) Â Â Â Â Â Â Â (42) Cash dividends declared: Â Â Â Â Â Â Â Â Preferred stock-Class A Â (1) Â Â Â Â (1) Â Common (36) Â Â Â Â (36) Â Â Repurchase and retirement of common stock (H) (25) Â Â Â (25) Â Â Stock-based compensation 13 Â Â Â 13 Â Â Â Ending balance at Sep. 30, 2023 3,872 Â 55 412 3,770 1,485 Â (1,850) Beginning balance at Dec. 31, 2023 4,037 Â 55 410 3,682 1,720 Â (1,830) Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Net income 841 Â Â Â Â 841 Â Â Other comprehensive income (loss) 32 Â Â Â Â Â Â Â 32 Cash dividends declared: Â Â Â Â Â Â Â Â Preferred stock-Class A Â (2) Â Â Â Â (2) Â Common (106) Â Â Â Â (106) Â Â Repurchase and retirement of common stock (H) (313) Â Â (4) (309) Â Â Â Stock-based compensation 54 Â Â Â 54 Â Â Â Common stock issued: compensation plans (40) Â Â 1 (41) Â Â Â Ending balance at Sep. 30, 2024 4,503 Â 55 407 3,386 2,453 Â (1,798) Beginning balance at Jun. 30, 2024 4,277 Â 55 408 3,486 2,186 Â (1,858) Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Net income 332 Â Â Â Â 332 Â Â Other comprehensive income (loss) 60 Â Â Â Â Â Â Â 60 Cash dividends declared: Â Â Â Â Â Â Â Â Preferred stock-Class A Â $ (1) Â Â Â Â $ (1) Â Common (64) Â Â Â Â

(64) Â Â Repurchase and retirement of common stock (H) (102) Â Â (1) (101) Â Â Â Stock-based compensation 16 Â Â Â 16 Â Â Â Common stock issued: compensation plans (15) Â Â Â (15) Â Â Â Ending balance at Sep. 30, 2024 $ 4,503 Â $ 55 $ 407 $ 3,386 $ 2,453 Â $ (1,798) X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DividendsCashAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of paid and unpaid common stock dividends declared with the form of settlement in cash, stock and payment-in-kind (PIK). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -SubTopic 405 -Topic 942 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477787/942-405-45-2 + Details Name: us-gaap_DividendsCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of paid and unpaid preferred stock dividends declared with the form of settlement in cash, stock and payment-in-kind (PIK). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -SubTopic 405 -Topic 942 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477787/942-405-45-2 + Details Name: us-gaap_DividendsPreferredStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInStockholdersEquityRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of other comprehensive income (loss) attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue, after forfeiture, of shares issued under share-based payment arrangement. Excludes employee stock ownership plan (ESOP). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionEquity impact of the value of stock that has been repurchased and retired during the period. The excess of the purchase price over par value can be charged against retained earnings (once the excess is fully allocated to additional paid in capital). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedAndRetiredDuringPeriodValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 18 R8.htm IDEA: XBRL DOCUMENT v3.24.3 Statement of Changes in Consolidated Equity (unaudited) (Parenthetical) - $ / shares 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Common (in usd per share) $ 0.16 $ 0.09 $ 0.26 $ 0.17 Preferred Class A Â Â Â Â Preferred (in usd per share) $ 0.9375 $ 0.9375 $ 2.8125 $ 2.8125 X - DefinitionAggregate dividends declared during the period for each share of common stock outstanding. +

ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_CommonStockDividendsPerShareDeclared Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAggregate dividends declared during the period for each share of preferred stock outstanding. + ReferencesNo definition available. + Details Name: us-gaap_PreferredStockDividendsPerShareDeclared Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_PreferredClassAMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 19 R9.htm IDEA: XBRL DOCUMENT v3.24.3 Basis of Presentation 9 Months Ended Sep. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Basis of Presentation Basis of PresentationThe interim Consolidated Financial Statements of Howmet Aerospace Inc. and its subsidiaries (â€œHowmetâ€ or the â€œCompanyâ€ or â€œweâ€ or â€œourâ€) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Companyâ€™s results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (â€œGAAPâ€). This Form 10-Q report should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023 (the â€œForm 10-Kâ€), which includes all disclosures required by GAAP. Certain amounts in previously issued financial statements were reclassified to conform to the current period presentation.In the nine months ended SeptemberÂ 30, 2024, the Company derived approximately 52% of its revenue from products sold to the commercial aerospace market which is less than the pre-pandemic 2019 annual rate of approximately 60%. Aircraft production in the commercial aerospace industry continues to recover based on increases in demand for narrow body and wide body aircraft. We expect our commercial aerospace wide body and narrow body demand, including engine spares, also to continue to grow. Quality control issues at The Boeing Company (â€œBoeingâ€) are expected to negatively impact narrow body and wide body production rates in the near term. For instance, the Federal Aviation Administration stated that it will not approve production rate increases or additional production lines for the Boeing 737 MAX until it is satisfied that Boeing is in full compliance with required quality control procedures. In addition, a labor union work stoppage at Boeing has negatively impacted results. Boeing production levels have a material impact on the financial performance of Howmet. The timing and level of future aircraft builds by original equipment manufacturers are subject to changes and uncertainties, which may cause our future results to differ from prior periods due to changes in product mix in certain segments.The preparation of the Consolidated Financial Statements of the Company in conformity with GAAP requires management to make certain judgments, estimates, and assumptions. These estimates are based on historical experience and, in some cases, assumptions based on current and future market expectations, including considerations relating to changes in the aerospace industry. The impact of these changes, including the macroeconomic considerations, remains highly uncertain. Management has made its best estimates using all relevant information available at the time, but it is possible that our estimates will differ from our actual results and affect the Consolidated Financial Statements in future periods and potentially require adverse adjustments to the recoverability of goodwill, intangible and long-lived assets, the realizability of deferred tax assets and other judgments and estimations and assumptions. X - DefinitionThe entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 20 R10.htm IDEA: XBRL DOCUMENT v3.24.3 Recently Adopted and Recently Issued Accounting Guidance 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] Â Recently Adopted and Recently Issued Accounting Guidance Recently Adopted and Recently Issued Accounting GuidanceAdoptedIn September 2022, the Financial Accounting Standards Board (â€œFASBâ€) issued guidance to enhance the transparency of disclosures regarding supplier finance programs (See Note Q). These changes became effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years, except for the amendment on rollforward information, which is effective for fiscal years beginning after December 15, 2023.IssuedIn November 2024, the FASB issued guidance to improve disclosures about an entityâ€™s expenses including more detailed information about the components of expenses in commonly presented expense captions. These changes become effective for fiscal years beginning after December 15, 2026, and interim periods within fiscal years beginning after December 15, 2027. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.In December 2023, the FASB issued guidance to enhance the transparency of income tax disclosures including additional details on the rate reconciliation and taxes paid by jurisdiction. These changes become effective for fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.In November 2023, the FASB issued guidance to enhance disclosures related to significant segment expenses and other matters related to reportable segments. These changes become effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476173/280-10-65-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-7Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 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https://asc.fasb.org/1943274/2147480530/250-10-S99-6Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 250 -Publisher FASB -URI https://asc.fasb.org/250/tableOfContentReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1 + Details Name: us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R11.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information 9 Months Ended Sep. 30, 2024 Segment Reporting [Abstract] Â Segment Information Segment InformationHowmet is a global leader in lightweight metals engineering and manufacturing. Howmetâ€™s innovative, multi-material products, which include nickel, titanium, aluminum, and cobalt, are used worldwide in the aerospace (commercial and defense), commercial transportation, and industrial and other markets. Segment performance under Howmetâ€™s management reporting system is evaluated based on a number of factors; however, the primary measure of performance is Segment Adjusted EBITDA. Howmetâ€™s definition of Segment Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) is net margin plus an add-back for depreciation and amortization. Net margin is equivalent to Sales minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; Research and development expenses; and Provision for depreciation and amortization. Special items, including Restructuring and other (credits) charges, are excluded from net margin and Segment Adjusted EBITDA. Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. Differences between the total segment and consolidated totals are in Corporate.Howmetâ€™s operations consist of four worldwide reportable segments as follows:Engine ProductsEngine Products produces investment castings, including airfoils, and seamless rolled rings primarily for aircraft engines and industrial gas turbine applications. Engine Products produces rotating parts as well as structural parts.Fastening SystemsFastening Systems produces aerospace fastening systems, as well as commercial transportation, industrial and other fasteners. The businessâ€™s high-tech, multi-material fastening systems are found nose to tail on aircraft and aero engines. Fastening Systemsâ€™ products are also critical components of commercial transportation vehicles, and construction, industrial, and renewable energy equipment.Engineered StructuresEngineered Structures produces titanium ingots and mill products for aerospace and defense applications and is vertically integrated to produce titanium forgings, extrusions, forming and machining services for airframe, wing, aero-engine, and landing gear components. Engineered Structures also produces aluminum forgings, nickel forgings, and aluminum machined components and assemblies for aerospace and defense applications.Forged WheelsForged Wheels provides forged aluminum wheels and related products for heavy-duty trucks and the commercial transportation market.The operating results of the Companyâ€™s reportable segments were as follows:Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentThird quarter ended September 30, 2024Sales:Third-party sales$945Â $392Â $253Â $245Â $1,835Â Inter-segment sales3Â â€”Â 3Â â€”Â 6Â Total sales$948Â $392Â $256Â $245Â $1,841Â Profit and loss:Provision for depreciation and amortization$34Â $12Â $10Â $10Â $66Â Segment Adjusted EBITDA307Â 102Â 38Â 64Â 511Â Restructuring and other charges1Â 1Â 1Â 1Â 4Â Capital expenditures55Â 5Â 5Â 14Â 79Â Third quarter ended September 30, 2023Sales:Third-party sales$798Â $348Â $227Â $285Â $1,658Â Inter-segment sales5Â â€”Â â€”Â â€”Â 5Â Total sales$803Â $348Â $227Â $285Â $1,663Â Profit and loss:Provision for depreciation and amortization$33Â $12Â $12Â $10Â $67Â Segment Adjusted EBITDA219Â 76Â 30Â 77Â 402Â Restructuring and other chargesâ€”Â 1Â 1Â â€”Â 2Â Capital expenditures30Â 9Â 6Â 9Â 54Â Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentNine months ended September 30, 2024Sales:Third-party sales$2,763Â $1,175Â $790Â $811Â $5,539Â Inter-segment sales6Â â€”Â 7Â â€”Â 13Â Total sales$2,769Â $1,175Â $797Â $811Â $5,552Â Profit and loss:Provision for depreciation and amortization$100Â $36Â $32Â $30Â $198Â Segment Adjusted EBITDA848Â 295Â 115Â 221Â 1,479Â Restructuring and other chargesâ€”Â 3Â 15Â 1Â 19Â Capital expenditures143Â 17Â 16Â 35Â 211Â Nine months ended September 30, 2023Sales:Third-party sales$2,414Â $989Â $634Â $872Â $4,909Â Inter-segment sales12Â â€”Â 1Â â€”Â 13Â Total sales$2,426Â $989Â $635Â $872Â $4,922Â Profit and loss:Provision for depreciation and amortization$97Â $35Â $36Â $29Â $197Â Segment Adjusted EBITDA654Â 198Â 80Â 237Â 1,169Â Restructuring and other (credits) charges(1)1Â 7Â â€”Â 7Â Capital expenditures84Â 23Â 21Â 25Â 153Â The following table reconciles Total Segment Adjusted EBITDA to Income before income taxes. Differences between the total segment and consolidated totals are in Corporate.Third quarter endedNine months endedSeptember 30,September 30,20242023Total Segment Adjusted EBITDA$511Â $402Â $1,479Â $1,169Â Segment provision for depreciation and amortization(66)(67)(198)(197)Unallocated amounts:Restructuring and other credits (charges)1Â (4)(21)(8)Corporate expense(25)(24)(72)(87)Operating income$421Â $307Â $1,188Â $877Â Loss on debt redemption(6)â€”Â (6)(1)Interest expense, net(44)(54)(142)(166)Other expense, net(17)(11)(49)(5)Income before income taxes$354Â $242Â $991Â $705Â The following table reconciles total segment capital expenditures with Capital expenditures as presented in the Statement of Consolidated Cash Flows.Third quarter endedNine months endedSeptember 30,September 30,20242023Total segment capital expenditures$79Â $54Â $211Â $153Â Corporate3Â 5Â 8Â 11Â Capital expenditures$82Â $59Â $219Â $164Â The following table disaggregates segment revenue by major market served. Differences between the total segment and consolidated totals are in Corporate.Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentThird quarter ended September 30, 2024Aerospace - Commercial$534Â $245Â $183Â $â€”Â $962Â Aerospace - Defense 189Â 43Â 57Â â€”Â 289Â Commercial Transportationâ€”Â 65Â â€”Â 245Â 310Â Industrial and Other222Â 39Â 13Â â€”Â 274Â Total end-market revenue$945Â $392Â $253Â $245Â $1,835Â Third quarter ended September 30, 2023Aerospace - Commercial$446Â $209Â $165Â $â€”Â $820Â Aerospace - Defense 165Â 41Â 45Â â€”Â 251Â Commercial Transportationâ€”Â 67Â â€”Â 285Â 352Â Industrial and Other187Â 31Â 17Â â€”Â 235Â Total end-market revenue$798Â $348Â $227Â $285Â $1,658Â Nine months ended September 30, 2024Aerospace - Commercial$1,554Â $740Â $575Â $â€”Â $2,869Â Aerospace - Defense 566Â 119Â 174Â â€”Â 859Â Commercial Transportationâ€”Â 199Â â€”Â 811Â 1,010Â Industrial and Other643Â 117Â 41Â â€”Â 801Â Total end-market revenue$2,763Â $1,175Â $790Â $811Â $5,539Â Nine months ended September 30, 2023Aerospace -

Commercial$1,324Â $563Â $458Â â€”Â $2,345Â Aerospace - Defense 502Â 131Â 131Â â€”Â 764Â Commercial Transportationâ€”Â 192Â â€”Â 872Â 1,064Â Industrial and Other588Â 103Â 45Â â€”Â 736Â Total end-market revenue$2,414Â $989Â $634Â $872Â $4,909Â The Company derived 67% and 63% of its revenue from the aerospace (commercial and defense) markets for the nine months ended SeptemberÂ 30, 2024 and 2023, respectively.On April 2, 2024, General Electric Company, one of our largest customers, completed the spin-off of its energy-focused business into GE Vernova, a new publicly traded company. Since then, General Electric Company operates as GE Aerospace. GE Aerospace and RTX Corporation each represented approximately 10% of the Companyâ€™s third-party sales in the nine months ended SeptemberÂ 30, 2024. General Electric Company and RTX Corporation represented approximately 13% and 10%, respectively, of the Companyâ€™s third-party sales in the nine months ended SeptemberÂ 30, 2023. These sales were primarily from the Engine Products segment. X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 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http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_SegmentReportingDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 22 R12.htm IDEA: XBRL DOCUMENT v3.24.3 Restructuring and Other (Credits) Charges 9 Months Ended Sep. 30, 2024 Restructuring and Related Activities [Abstract] Â Restructuring and Other (Credits) Charges Restructuring and Other (Credits) ChargesThird quarter endedNine months endedSeptember 30,September 30,20242023202420232024Layoff costs$1Â $1Â $8Â $1Â Reversals of previously recorded layoff reserves(1)â€”Â (1)(1)Pension and Other post-retirement benefits - net settlements (E)â€”Â 2Â â€”Â 5Â Net (gain) loss related to divestitures of assets and businesses (P)(1)â€”Â 12Â â€”Â Otherâ€”Â 1Â 2Â 3Â Total restructuring and other (credits) charges(1)4Â $21Â $8Â In the third quarter of 2024, the Company recorded Restructuring and other credits of $1, which were primarily due to a $1 gain related to the resolution of post-closing adjustments from the May 2024 sale of a small U.K. manufacturing facility in Engineered Structures and a reversal of $1 for a layoff reserve related to a prior period, partially offset by a $1 charge for layoff costs. In the nine months ended SeptemberÂ 30, 2024, the Company recorded Restructuring and other (credits) charges of $21, which were primarily due to a net loss on the sale of a small U.K. manufacturing facility in Engineered Structures of $13, an $8 charge for layoff costs,Â including the separation ofÂ 293Â employees (144Â in Fastening Systems,Â 111Â in Engineered Structures andÂ 38Â in Forged Wheels), and exit related costs, including accelerated depreciation, of $2, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1 and a reversal of $1 for a layoff reserve related to a prior period.In the third quarter of 2023, the Company recorded Restructuring and other (credits) charges of $4, which were primarily due to charges for a Canadian pension plan settlement of $2, layoff charges of $1, and exit related costs, including accelerated depreciation of $1.In the nine months ended SeptemberÂ 30, 2023, the Company recorded Restructuring and other (credits) charges of $8, which were primarily due to charges for a U.S. and Canadian pension plan settlements of $5, exit related costs, including accelerated depreciation of $3, and layoff charges of $1, partially offset by a reversal of $1 for a layoff reserve related to a prior period.Layoff costsOtherÂ exit costsTotalReserve balances at December 31, 2023$5Â $2Â $7Â Cash payments(6)(1)(7)Restructuring charges7Â 14Â 21Â Other(1)â€”Â (14)(14)Reserve balances at September 30, 2024$6Â $1Â $7Â (1)In the nine months ended SeptemberÂ 30, 2024, other for other exit costs included a net loss of $13 on the sale of a small U.K. manufacturing facility and a charge of $2 for accelerated depreciation, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1.The remaining reserves as of SeptemberÂ 30, 2024 are expected to be paid in cash during the remainder of 2024 and 2025. X - ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for restructuring and related activities. Description of restructuring activities such as exit and disposal activities, include facts and circumstances leading to the plan, the expected plan completion date, the major types of costs associated with the plan activities, total expected costs, the accrual balance at the end of the period, and the periods over which the remaining accrual will be settled. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/420/tableOfContentReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringAndRelatedActivitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 23 R13.htm IDEA: XBRL DOCUMENT v3.24.3 Pension and Other Postretirement Benefits 9 Months Ended Sep. 30, 2024 Retirement Benefits [Abstract] Â Pension and Other Postretirement Benefits Pension and Other Postretirement BenefitsThe components of net periodic cost (benefit) were as follows:Third quarter endedNine months endedÂ September 30,September 30,20242023202420232024Pension benefitsService cost$1Â $â€”Â $2Â $2Â Interest cost18Â 20Â 56Â 60Â Expected return on plan assets(17)(18)(52)(55)Recognized net actuarial loss9Â 7Â 25Â 21Â Settlementsâ€”Â 2Â â€”Â 5Â Net periodic cost(1)$11Â $11Â $31Â $33Â Other postretirement benefitsÂ Â Â Â Service cost$â€”Â $1Â $â€”Â $1Â Interest cost1Â 2Â 4Â 5Â Recognized net actuarial gain(1)(1)(2)(2)Amortization of prior service benefit(2)(3)(7)(7)Net periodic benefit(1)(2)(1)(5)(3)Â (1)Service cost was included within Cost of goods sold and Selling, general administrative, and other expenses; settlements were included in Restructuring and other (credits) charges; all other cost components were recorded in Other expense, net in the Statement of Consolidated Operations. Pension benefitsIn the third quarter and nine months ended SeptemberÂ 30, 2023, the Company applied settlement accounting to its Canadian pension plan due to lump sum payments made to participants, reducing gross pension obligations by $12. In June 2023, the Company also undertook additional actions to reduce gross pension obligations by $19 by purchasing group annuity contracts from a third-party carrier to pay and administer future annuity payments of a U.S. pension plan. Settlement charges of $2 and $5 were recognized in the third quarter and nine months ended SeptemberÂ 30, 2023, respectively. All settlement charges were recorded in Restructuring and other (credits) charges in the Statement of Consolidated Operations.For the third quarter and nine months ended SeptemberÂ 30, 2024, Howmetâ€™s combined pension contributions and other postretirement benefit payments were approximately $19 and $41, respectively. For the third quarter and nine months ended SeptemberÂ 30, 2023, Howmetâ€™s combined pension contributions and other postretirement benefit payments were approximately $9 and $28, respectively X - ReferencesNo definition available. + Details Name: us-gaap_CompensationAndRetirementDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for retirement benefits. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 70 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480794/715-70-50-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (q) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/715/tableOfContentReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (o) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (p) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (r)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (r)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480126/715-20-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 60 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480266/715-60-50-3 + Details Name: us-gaap_PensionAndOtherPostretirementBenefitsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 24 R14.htm IDEA: XBRL DOCUMENT v3.24.3 Other Expense, Net 9 Months Ended Sep. 30, 2024 Other Income and Expenses [Abstract] Â Other Expense, Net Other Expense, NetThird quarter endedNine months endedÂ September 30,September 30,20242023202420232024Non-service costs - pension and other postretirement benefits (E)$8Â $7Â $24Â $22Â Interest income(4)(5)(15)(15)Foreign currency losses, net2Â 5Â 9Â 3Â Net realized and unrealized losses5Â 6Â 18Â 17Â Deferred compensation6Â (1)14Â 5Â Other, netâ€”Â (1)(1)(27)Total other expense, net$17Â $11Â $49Â $5Â In the nine months ended SeptemberÂ 30, 2023, Other, net primarily includes the reversal of $25, net of legal fees of $1, of the $65 pre-tax charge taken in the third quarter of 2022 related to the Lehman Brothers International (Europe) legal proceeding (See Note Q) due to the final settlement of such proceeding in June 2023. X - ReferencesNo definition available. + Details Name: us-gaap_OtherIncomeAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the components of non-operating income or non-operating expense, including, but not limited to, amounts earned from dividends, interest on securities, gain (loss) on securities sold, equity earnings of unconsolidated affiliates, gain (loss) on sales of business, interest expense and other miscellaneous income or expense items. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingIncomeAndExpenseTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R15.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes 9 Months Ended Sep. 30, 2024 Income Tax Disclosure [Abstract] Â Income Taxes Income TaxesThe Companyâ€™s year-to-date tax provision is comprised of the most recent estimated annual effective tax rate applied to year-to-date pre-tax ordinary income. The tax impacts of unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, are recorded discretely in the interim period in which they occur. In addition, the tax provision is adjusted for

the interim period impact of non-benefited pre-tax losses.The estimated annual effective tax rate, before discrete items, applied to ordinary income was 20.9% in both the third quarter and nine months ended SeptemberÂ 30, 2024, and 23.0% in both the third quarter and nine months ended SeptemberÂ 30, 2023. The 2024 rate was lower than the 2023 rate and the U.S. federal statutory rate of 21% primarily due to a net benefit related to U.S. federal and state research and development (â€œR&Dâ€) credits, a U.S. deduction on Foreign Derived Intangible Income (â€œFDIIâ€), and a U.S. tax benefit recognized for foreign tax credits, partially offset by additional U.S. tax on Global Intangible Low-Taxed Income (â€œGILTIâ€), incremental state tax, nondeductible expenses, and foreign earnings subject to tax in jurisdictions with tax rates higher than the U.S. federal statutory rate of 21%. The 2023 rate was higher than the U.S. federal statutory rate of 21% primarily due to additional U.S. tax on GILTI and other foreign earnings, incremental state tax and foreign taxes on earnings also subject to U.S. federal income tax, nondeductible expenses, and foreign earnings subject to tax in jurisdictions with tax rates higher than the U.S. federal statutory rate of 21%.For the third quarter of 2024 and 2023, the tax rate including discrete items was 6.2% and 22.3%, respectively. In the third quarter of 2024, the Company recorded a discrete net tax benefit of $46 primarily attributable to a $44 net benefit related to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Companyâ€™s R&D study, the substantial portion of which are U.S. federal credits which have been approved under audit by the U.S. Internal Revenue Service, and a $2 excess tax benefit for stock compensation. In the third quarter of 2023, the Company recorded a discrete net tax benefit of $1 for other small items.For the nine months ended SeptemberÂ 30, 2024 and 2023, the tax rate including discrete items was 15.1% and 25.0%, respectively. For the nine months ended SeptemberÂ 30, 2024, the Company recorded a discrete net tax benefit of $58 primarily attributable to a $44 net benefit related to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Companyâ€™s R&D study, the substantial portion of which are U.S. federal credits which have been approved under audit by the U.S. Internal Revenue Service, a $9 excess tax benefit for stock compensation, a $6 benefit to release a valuation allowance related to U.S. foreign tax credits, and a net tax charge of $1 for other small items. For the nine months ended SeptemberÂ 30, 2023, the Company recorded a discrete net tax charge of $13 attributable to a $20 charge for a tax reserve established in France (See Note Q) and a net tax charge of $1 for other small items, reduced by an $8 excess tax benefit for stock compensation.The tax provision was comprised of the following:Third quarter endedNine months endedÂ September 30,September 30,Â 2024202320242023Pre-tax income at estimated annual effective income tax rate before discrete items$74Â $55Â $207Â $162Â Impact of change in estimated annual effective tax rate on previous quarterâ€™s pre-tax income(5)â€”Â â€”Â â€”Â Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized(1)â€”Â 1Â 1Â Tax reserve (Q)â€”Â â€”Â â€”Â 20Â Other discrete items(46)(1)(58)(7)Provision for income taxes$22Â $54Â $150Â $176Â X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2 + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R16.htm IDEA: XBRL DOCUMENT v3.24.3 Earnings Per Share and Common Stock 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] Â Earnings Per Share and Common Stock Earnings Per Share and Common StockBasic earnings per share (â€œEPSâ€) amounts are computed by dividing earnings, after the deduction of preferred stock dividends declared, by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding.The information used to compute basic and diluted EPS attributable to Howmet common shareholders was as follows (shares in millions in the table below):Third quarter endedNine months endedÂ September 30,September 30,Â 2024202320242023Net income$332Â $188Â $841Â $529Â Less: preferred stock dividends declared1Â 1Â 2Â 2Â Net income available to Howmet Aerospace common shareholders - basic and diluted$331Â $187Â $839Â $527Â Average shares outstanding - basic408Â 412Â 408Â 412Â Effect of dilutive securities:Stock and performance awards2Â 3Â 3Â 5Â Average shares outstanding - diluted410Â 415Â 411Â 417Â Common stock outstanding as of SeptemberÂ 30, 2024 and 2023 was 407,129,690 and 411,742,755, respectively. The following table provides details for share repurchases made for the periods presented:Number of sharesAverage price per share(1)TotalQ1 2024 open market repurchase2,243,259Â $66.87Â $150Â Q2 2024 open market repurchase734,737Â $81.66Â $60Â Q3 2024 open market repurchase1,061,323Â $94.22Â $100Â 2024 Share repurchases as of SeptemberÂ 30, 20244,039,319Â $76.75Â $310Â Q1 2023 open market repurchase576,629Â $43.36Â $25Â Q2 2023 open market repurchase2,246,294Â $44.52Â $100Â Q3 2023 open market repurchase506,800Â $49.32Â $25Â 2023 Share repurchases as of SeptemberÂ 30, 20233,329,723Â $45.05Â $150Â (1)Excludes commissions cost.The Company has a share repurchase program (the â€œShare Repurchase Programâ€) that, after giving effect to the additional $90 share repurchases made in October 2024 at an average price per share of $103.15, retiring approximately 0.9Â million shares, has approximately $2,297 in Board authorization remaining available as of October 31, 2024. The current Share Repurchase Program was authorized by the Companyâ€™s Board of Directors on August 18, 2021 at $1,500, which was increased by the Board by $2,000 on July 30, 2024. Under the Companyâ€™s Share Repurchase Program, the Company may repurchase shares by means of trading plans established from time to time in accordance with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, block trades, private transactions, open market repurchases and/or accelerated share repurchase agreements, or other derivative transactions. There is no stated expiration for the Share Repurchase Program. Under its Share Repurchase Program, the Company may repurchase shares from time to time, in amounts, at prices, and at such times as the Company deems appropriate, subject to market conditions, legal requirements and other considerations. The Company is not obligated to repurchase any specific number of shares or to do so at any particular time, and the Share Repurchase Program may be suspended, modified, or terminated at any time without prior notice.As average shares outstanding are used in the calculation for both basic and diluted EPS, the full impact of share repurchases and issuances was not fully realized in EPS in the period of repurchase or issuance since share activity may occur at varying points during a period.There were no shares relating to outstanding stock options excluded from the calculation of average shares outstanding - diluted for the third quarter and nine months ended SeptemberÂ 30, 2024 and 2023.Common stock dividends declared were $0.16 per share in the third quarter of 2024 (of which $0.08 per share were paid) and $0.26 per share in the nine months ended SeptemberÂ 30, 2024 (of which $0.18 per share were paid). Common stock dividends declared were $0.09 per share in the third quarter of 2023 (of which $0.04 per share were paid) and $0.17 per share in the nine months ended SeptemberÂ 30, 2023 (of which $0.12 per share were paid). X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 27 R17.htm IDEA: XBRL DOCUMENT v3.24.3 Accumulated Other Comprehensive Loss 9 Months Ended Sep. 30, 2024 Equity [Abstract] Â Accumulated Other Comprehensive Loss Accumulated Other Comprehensive LossThe following table details the activity of the three components that comprise Accumulated other comprehensive loss:Third quarter endedNine months endedSeptember 30,September 30,2024202320242023Pension and other postretirement benefits (E)Balance at beginning of period(682)(644)(689)(653)Other comprehensive income (loss):Unrecognized net actuarial gain and prior service benefit4Â 7Â 3Â 7Â Tax expense(1)(1)(1)(1)Total Other comprehensive income before reclassifications, net of tax3Â 6Â 2Â 6Â Amortization of net actuarial loss and prior service benefit(1)6Â 5Â 16Â 17Â Tax expense(2)(1)(1)(3)(4)Total amount reclassified from Accumulated other comprehensive loss, net of tax(3)5Â 4Â 13Â 13Â Total Other comprehensive income8Â 10Â 15Â 19Â Balance at end of period(674)(634)(674)(634)Foreign currency translationBalance at beginning of period$(1,177)$(1,155)$(1,136)$(1,193)Other comprehensive income (loss)(4)71Â (56)30Â (18)Balance at end of period$(1,106)$(1,211)$(1,106)$(1,211)Cash flow hedgesBalance at beginning of period$1Â (9)(5)$5Â Other comprehensive (loss) income:Net change from periodic revaluations(25)1Â (22)(13)Tax benefit6Â â€”Â 5Â 3Â Total Other comprehensive (loss) income before reclassifications, net of tax(19)1Â (17)(10)Net amount reclassified to earnings1Â 4Â 6Â â€”Â Tax expense(2)(1)(1)(2)â€”Â Total amount reclassified from Accumulated other comprehensive income, net of tax(3)â€”Â 3Â 4Â â€”Â Total Other comprehensive (loss) income(19)4Â (13)(10)Balance at end of period(18)(5)(18)(5)Accumulated other comprehensive loss$(1,798)$(1,850)$(1,798)$(1,850)(1)These amounts were recorded in Restructuring and other (credits) charges (See Note D) and Other expense, net (See Note F) in the Statement of Consolidated Operations.(2)These amounts were included in Provision for income taxes (See Note G) in the Statement of Consolidated Operations.(3)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings.(4)In all periods presented, no amounts were reclassified to earnings. X - DefinitionThe entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/220/tableOfContent + Details Name: us-gaap_ComprehensiveIncomeNoteTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 28 R18.htm IDEA: XBRL DOCUMENT v3.24.3 Receivables 9 Months Ended Sep. 30, 2024 Receivables [Abstract] Â Receivables ReceivablesSale of Receivables ProgramsThe Company maintains an accounts receivables securitization arrangement through a wholly-owned special purpose entity (â€œSPEâ€). The net cash funding from the sale of accounts receivable was neither a use of cash nor a source of cash for the third quarter or nine months ended SeptemberÂ 30, 2024 or SeptemberÂ 30, 2023. The accounts receivables securitization arrangement is one in which the Company, through an SPE, has a receivables purchase agreement (the â€œReceivables Purchase Agreementâ€) pursuant to which the SPE may sell certain receivables to financial institutions until the earlier of January 2, 2026 or a termination event. The Receivables Purchase Agreement contains customary representations and warranties, as well as affirmative and negative covenants. Pursuant to the Receivables Purchase Agreement, the Company does not maintain effective control over the transferred receivables, and therefore accounts for these transfers as sales of receivables. The Receivables Purchase Agreement also contains a provision that allows the Company to increase the limit to $325.The facility limit under the Receivables Purchase Agreement was $250 as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, of which $250 was drawn as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023. As collateral against the sold receivables, the SPE maintains a certain level of unsold receivables, which were $231 and $197 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively.The Company sold $503 and $1,233 of its receivables without recourse and received cash funding under this program during the third quarter and nine months ended SeptemberÂ 30, 2024, respectively, resulting in derecognition of the receivables from the Companyâ€™s Consolidated Balance Sheet. The Company sold $439 and $1,158 of its receivables without recourse and received cash funding under the program during the third quarter and nine months ended SeptemberÂ 30, 2023, respectively, resulting in derecognition of the receivables from the Companyâ€™s Consolidated Balance Sheet. Costs associated with the sales of receivables are reflected in the Companyâ€™s Statement of Consolidated Operations for the periods in which the sales occur. Cash receipts from sold receivables under the Receivables Purchase Agreement are presented within operating activities in the Statement of Consolidated Cash Flows.Other Customer Receivable SalesIn the third quarter and nine months ended SeptemberÂ 30, 2024, the Company sold $172 and $517, respectively, of certain customersâ€™ receivables in exchange for cash ($167 was outstanding from customers as of SeptemberÂ 30, 2024), the proceeds from which are presented in changes in receivables within operating activities in the Statement of Consolidated Cash Flows. In the third quarter and nine months ended SeptemberÂ 30, 2023, the Company sold $140 and $429, respectively, of certain customersâ€™ receivables in exchange for cash ($134 was outstanding from customers as of SeptemberÂ 30, 2023), the proceeds from which are presented in changes in receivables within operating activities in the Statement of Consolidated Cash Flows. X - ReferencesNo definition available. + Details Name: us-gaap_ReceivablesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for a transferor's continuing involvement in financial assets that it has transferred in a securitization or asset-backed financing arrangement, the nature of any restrictions on assets reported by an entity in its statement of financial position that relate to a transferred financial asset (including the carrying amounts of such assets), how servicing assets and servicing liabilities are reported, and (for securitization or asset-backed financing arrangements accounted for as sales) when a transferor has continuing involvement with the transferred financial assets and transfers of financial assets accounted for as secured borrowings, how the transfer of financial assets affects an entity's financial position, financial performance, and cash flows. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-4Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b)(2)(i) -Publisher FASB -

URI https://asc.fasb.org/1943274/2147481326/860-20-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(4)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/860/tableOfContentReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (cc) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(5)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4D -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1AReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-7Reference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-4 + Details Name: us-gaap_TransfersAndServicingOfFinancialAssetsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R19.htm IDEA: XBRL DOCUMENT v3.24.3 Inventories 9 Months Ended Sep. 30, 2024 Inventory Disclosure [Abstract] Â Inventories InventoriesSeptember 30, 2024December 31, 2023Finished goods$475Â $451Â Work-in-process923Â 891Â Purchased raw materials433Â 355Â Operating supplies71Â 68Â Total inventories$1,902Â $1,765Â As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the portion of inventories valued on a last-in, first-out (â€œLIFOâ€) basis was $505 and $446, respectively. If valued on an average-cost basis, total inventories would have been $265 and $236 higher as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively. X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContent + Details Name: us-gaap_InventoryDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R20.htm IDEA: XBRL DOCUMENT v3.24.3 Properties, Plants, and Equipment, net 9 Months Ended Sep. 30, 2024 Property, Plant and Equipment [Abstract] Â Properties, Plants, and Equipment, net Properties, Plants, and Equipment, netSeptember 30, 2024December 31, 2023Land and land rights$84Â $88Â Structures1,031Â 1,018Â Machinery and equipment4,173Â 4,079Â 5,288Â 5,185Â Less: accumulated depreciation and amortization3,193Â 3,081Â 2,095Â 2,104Â Construction work-in-progress263Â 224Â Properties, plants, and equipment, net$2,358Â $2,328Â The Company incurred capital expenditures which remained unpaid as of SeptemberÂ 30, 2024 and SeptemberÂ 30, 2023 of $71 and $44, respectively, which will result in cash outflows within investing activities in the Statement of Consolidated Cash Flows in subsequent periods. X - ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for long-lived, physical asset used in normal conduct of business and not intended for resale. Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/360/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 6 -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 7 -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-7 + Details Name: us-gaap_PropertyPlantAndEquipmentDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 31 R21.htm IDEA: XBRL DOCUMENT v3.24.3 Leases 9 Months Ended Sep. 30, 2024 Leases [Abstract] Â Leases LeasesOperating lease cost, which includes short-term leases and variable lease payments and approximates cash paid, was $18 and $16 in the third quarter of 2024 and 2023, respectively, and $50 and $48 in the nine months ended SeptemberÂ 30, 2024 and 2023, respectively.Operating lease right-of-use assets and lease liabilities in the Consolidated Balance Sheet were as follows:September 30, 2024December 31, 2023Right-of-use assets classified in Other noncurrent assets$159Â $128Â Current portion of lease liabilities classified in Other current liabilities$38Â $32Â Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits122Â 97Â Total lease liabilities$160Â $129Â X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/842-20/tableOfContent + Details Name: us-gaap_LesseeOperatingLeasesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 32 R22.htm IDEA: XBRL DOCUMENT v3.24.3 Debt 9 Months Ended Sep. 30, 2024 Debt Disclosure [Abstract] Â Debt DebtSeptember 30, 2024December 31, 20235.125% Notes, due 2024$â€”Â $205Â 6.875% Notes, due 2025â€”Â 600Â USD Term Loan Facility, due 2026200Â 200Â JPY Term Loan Facility, due 2026208Â 211Â 5.900% Notes, due 2027625Â 625Â 6.750% Bonds, due 2028300Â 300Â 3.000% Notes, due 2029700Â 700Â 4.850% Notes, due 2031(1)500Â â€”Â 5.950% Notes, due 2037625Â 625Â 4.750% Iowa Finance Authority Loan, due 2042 250Â 250Â Other, net(2)(14)(10)3,394Â 3,706Â Less: amount due within one year1Â 206Â Total long-term debt$3,393Â $3,500Â Â (1)The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately â‚¬458 million with a fixed annual interest rate of 3.720%.(2)Includes unamortized debt discounts and unamortized debt issuance costs related to outstanding notes and bonds listed in the table above and various financing arrangements related to subsidiaries.Public DebtIn January 2023, the Company repurchased approximately $26 aggregate principal amount of the 5.125% Notes due October 2024 (the â€œ2024 Notesâ€) through an open market repurchase (â€œOMRâ€). The OMR was settled at slightly less than par value. On March 29, 2023, the Company completed the early partial redemption of an additional $150 aggregate principal amount of the 2024 Notes in accordance with the terms of the notes, and paid an aggregate of $155, including accrued interest and an early termination premium of approximately $4 and $1, respectively, which were recorded in Interest expense, net, and Loss on debt redemption, respectively, in the Statement of Consolidated Operations.On September 28, 2023, the Company completed an early redemption of its outstanding 2024 Notes in the aggregate principal amount of $200. Such 2024 Notes were redeemed at par with cash on hand at an aggregate redemption price of approximately $205, including accrued interest of approximately $5.In the second quarter of 2024, the Company repurchased approximately $23 aggregate principal amount of the 6.875% Notes due May 2025 (the â€œ2025 Notesâ€) through an OMR. The OMR was settled at slightly more than par value.On July 1, 2024, the Company completed the early redemption of all of the remaining outstanding principal amount of $205 of the 2024 Notes. The Company redeemed the 2024 Notes at par value plus accrued interest. The 2024 Notes were redeemed with cash on hand at an aggregate redemption price of approximately $208, including accrued interest of approximately $3.On August 22, 2024, the Company completed an offering of $500 aggregate principal amount of the 4.850% Notes due October 2031 (the â€œ2031 Notesâ€). The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately â‚¬458 million. The fixed interest rate on the Euro liability is approximately 3.720% per annum.On August 23, 2024, the Company completed the early redemption of all of the remaining outstanding principal amount of approximately $577 of its 2025 Notes in accordance with the terms of the notes. The Company completed the redemption with the net proceeds from the aforementioned offering of its 2031 Notes and cash on hand at an aggregate redemption price of approximately $594, including accrued interest and an early termination premium of approximately $12 and $5, respectively, which were recorded in Interest expense, net, and Loss on debt redemption, respectively, in the Statement of Consolidated Operations.Term Loan FacilitiesThe Company maintains (i) a U.S. dollar-denominated, senior unsecured term loan facility (the â€œUSD Term Loan Facilityâ€) and (ii) a Japanese yen-denominated, senior unsecured term loan facility (the â€œJPY Term Loan Facilityâ€), each of which matures on November 22, 2026 unless earlier terminated in accordance with the provisions of the applicable term loan agreement. The term loan agreements relating to these facilities contain respective covenants, including, among others, a limitation requiring the ratio of Consolidated Net Debt to Consolidated EBITDA (as defined in the agreements) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be less than or equal to 3.75 to 1.00. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the Company was in compliance with all covenants under the USD Term Loan Facility and JPY Term Loan Facility. The amounts outstanding under the USD Term Loan Facility were $200 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023. The amounts outstanding under the JPY Term Loan Facility were Â¥29,702 million ($208) and Â¥29,702 million ($211) as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively. The Company has entered into interest rate swaps to exchange the floating interest rates of the USD Term Loan Facility and JPY Term Loan Facility to fixed annual interest rates of 5.795% and 2.044%, respectively. Credit FacilityThe Company has entered into a Five-Year Revolving Credit Agreement (the â€œCredit Agreementâ€) that provides a $1,000 senior unsecured revolving credit facility that matures on July 27, 2028. The Credit Agreement contains covenants, including, among others, a limitation requiring the ratio of Consolidated Net Debt to Consolidated EBITDA (as defined in the Credit Agreement) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be less than or equal to 3.75 to 1.00. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the Company was in compliance with all covenants under the Credit Agreement. There were no amounts outstanding under the Credit Agreement as of SeptemberÂ 30, 2024 or DecemberÂ 31, 2023, and no amounts were borrowed during 2024 or 2023 under the Credit Agreement. Commercial PaperOn April 4, 2024, the Company established a commercial paper program under which the Company may issue unsecured commercial paper notes (â€œcommercial paperâ€) from time to time up to a maximum aggregate face amount of $1,000 outstanding at any time. The maturities of the commercial paper may vary but will not exceed 397 days from the date of issue and will rank equal in right of payment with all other unsecured senior indebtedness of the Company. The proceeds of the commercial paper will be used for general corporate purposes.There were no amounts outstanding under the commercial paper program as of SeptemberÂ 30, 2024. X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50

-Paragraph 1I -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I + Details Name: us-gaap_DebtDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R23.htm IDEA: XBRL DOCUMENT v3.24.3 Fair Value of Financial Instruments 9 Months Ended Sep. 30, 2024 Fair Value Disclosures [Abstract] Â Fair Value of Financial Instruments Fair Value of Financial InstrumentsThe carrying values of Cash and cash equivalents, restricted cash, derivatives, noncurrent receivables and Long-term debt due within one year included in the Consolidated Balance Sheet approximate their fair value. The aforementioned derivatives are included in Prepaid expenses and other current assets, Other noncurrent assets, Other current liabilities and Other noncurrent liabilities and deferred credits in the Consolidated Balance sheet, as applicable. The Company holds exchange-traded fixed income securities which are considered available-for-sale securities and are carried at fair value based on quoted market prices. The aforementioned securities are classified in Level 1 of the fair value hierarchy and are included in Other noncurrent assets in the Consolidated Balance Sheet. The fair value of Long-term debt, less amount due within one year, was based on quoted market prices for public debt and on interest rates that are currently available to Howmet for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Long-term debt were classified in LevelÂ 2 of the fair value hierarchy.Â September 30, 2024December 31, 2023Â CarryingvalueFairvalueCarryingvalueFairvalueLong-term debt$3,393Â $3,470Â $3,500Â $3,504Â Restricted cash, which is included in Prepaid expenses and other current assets in the Consolidated Balance Sheet, was less than $1 as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023. X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for financial instruments. This disclosure includes, but is not limited to, fair value measurements of short and long term marketable securities, international currencies forward contracts, and auction rate securities. Financial instruments may include hedging and non-hedging currency exchange instruments, derivatives, securitizations and securities available for sale at fair value. Also included are investment results, realized and unrealized gains and losses as well as impairments and risk management disclosures. + ReferencesNo definition available. + Details Name: us-gaap_FinancialInstrumentsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R24.htm IDEA: XBRL DOCUMENT v3.24.3 Divestiture 9 Months Ended Sep. 30, 2024 Discontinued Operations and Disposal Groups [Abstract] Â Divestiture Divestiture2024 DivestitureOn May 31, 2024, the Company completed the sale of a small manufacturing facility in the U.K. within the Engineered Structures segment. The sale, including post-close adjustments, resulted in a year-to-date charge of $13 that was recorded in Restructuring and other (credits) charges in the Statement of Consolidated Operations. X - ReferencesNo definition available. + Details Name: us-gaap_DiscontinuedOperationsAndDisposalGroupsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for business combinations, including leverage buyout transactions (as applicable), and divestitures. This may include a description of a business combination or divestiture (or series of individually immaterial business combinations or divestitures) completed during the period, including background, timing, and assets and liabilities recognized and reclassified or sold. This element does not include fixed asset sales and plant closings. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/805/tableOfContentReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/205-20/tableOfContent + Details Name: us-gaap_MergersAcquisitionsAndDispositionsDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 35 R25.htm IDEA: XBRL DOCUMENT v3.24.3 Contingencies, Commitments and Other Liabilities 9 Months Ended Sep. 30, 2024 Commitments and Contingencies Disclosure [Abstract] Â Contingencies, Commitments and Other Liabilities Contingencies, Commitments and Other LiabilitiesContingenciesThe following information supplements and, as applicable, updates the discussion of the contingencies and commitments in Note U to the Consolidated Financial Statements in our Form 10-K, and should be read in conjunction with the complete descriptions provided in the Form 10-K.Environmental Matters. Howmet participates in environmental assessments and/or cleanups at more than 30 locations. These include owned or operating facilities and adjoining properties, previously owned or operated facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act (â€œCERCLAâ€)) sites.A liability is recorded for environmental remediation when a cleanup program becomes probable and the costs can be reasonably estimated. As assessments and cleanups proceed, the liability is adjusted based on progress made in determining the extent of remedial actions and related costs. The liability can change substantially due to factors such as the nature and extent of contamination, changes in remedial requirements, and technological changes, among others.The Companyâ€™s remediation reserve balance was $19 and $17 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively, and was recorded in Other noncurrent liabilities and deferred credits in the Consolidated Balance Sheet (of which $10 and $7, respectively, was classified as a current liability), and reflects the most probable costs to remediate identified environmental conditions for which costs can be reasonably estimated. Payments related to remediation expenses applied against the reserve were less than $1 and $2 in the third quarter and nine months ended SeptemberÂ 30, 2024, respectively, and included expenditures currently mandated, as well as those not required by any regulatory authority or third party.Included in annual operating expenses are the recurring costs of managing hazardous substances and environmental programs. These costs are estimated to be less than 1% of Cost of goods sold.Tax. In December 2013 and 2014, the Company received audit assessment notices from the French Tax Authority (â€œFTAâ€) for the 2010 through 2012 tax years. In 2016, the Company appealed to the Committee of the Abuse of Tax Law, where it received a favorable nonbinding decision. The FTA disagreed with the Committee of the Abuse of Tax Lawâ€™s opinion, and the Company appealed to the Montreuil Administrative Court, where in 2020 the Company prevailed on the merits. The FTA appealed this decision to the Paris Administrative Court of Appeal in 2021. On March 31, 2023, the Company received an adverse decision from the Paris Administrative Court of Appeal. The Company appealed this decision to the French Administrative Supreme Court. The assessment amount was $17 (â‚¬16 million), including $10 (â‚¬9 million) of tax and interest up through 2017 and $7 (â‚¬7 million) of penalties. The Company estimates additional interest to be $2 (â‚¬2 million). On July 23, 2024, the Company received the French Administrative Supreme Courtâ€™s decision. That decision upheld the assessment of $10 (â‚¬9 million) of tax and interest, while cancelling the penalties of $7 (â‚¬7 million) and remanding the penalty assessment issue to the Paris Administrative Court of Appeal for reexamination. As a result, the Company has no further right to appeal the assessment of tax and interest but will continue to protest the penalties. In 2023, the Company recorded an income tax reserve in Provision for income taxes in the Statement of Consolidated Operations of $21 (â‚¬19 million), which includes tax, estimated interest and penalties, for the 2010 through 2012 tax years, as well as the remaining tax years open for reassessment (2020-2023). In accordance with FTA dispute resolution practices, the Company paid the assessment amount including tax, interest, and penalties, to the FTA in December 2023. The Company is expecting to pay the additional interest related to the assessment in 2024. The Company also paid the estimated tax related to the 2020-2023 tax years during 2023. No changes were made to the income tax reserve as of June 30, 2024 as a result of the French Administrative Supreme Courtâ€™s decision. As of the start of the third quarter of 2024, the Company no longer records an uncertain tax position related to the tax and interest assessed. In October 2024, the Company received a refund of the penalties that were remanded. We will continue to record an income tax reserve for penalties determined more than likely to be upheld, until the uncertain tax position is settled. Indemnified Matters. The Separation and Distribution Agreement, dated October 31, 2016, that the Company entered into with Alcoa Corporation in connection with its separation from Alcoa Corporation, provides for cross-indemnities between the Company and Alcoa Corporation for claims subject to indemnification. The Separation and Distribution Agreement, dated March 31, 2020, that the Company entered into with Arconic Corporation in connection with its separation from Arconic Corporation, provides for cross-indemnities between the Company and Arconic Corporation for claims subject to indemnification. To date, Alcoa Corporation and Arconic Corporation have fulfilled their respective indemnification obligations, and claims subject to indemnification by Alcoa Corporation or Arconic Corporation have not impacted the Company financially. Among other claims that are covered by these indemnities, Arconic Corporation indemnifies the Company (previously named Arconic Inc. and, prior to that, Alcoa Inc.) for all potential liabilities associated with the fire that occurred at the Grenfell Tower in London, U.K. on June 14, 2017, including the following legal proceedings, as updated from the Form 10-K: Regulatory Investigations in the U.K. On September 4, 2024, the Public Inquiry ordered by the British government published its Phase 2 report on the Grenfell fire.Raul v. Albaugh, et al. (derivative related claim). On October 22, 2024, the parties executed a settlement term sheet that set forth the material terms and conditions associated with the resolution of this derivative action. On October 28, 2024, the parties filed a joint status report regarding this development. On October 30, 2024, the court ordered that the parties file a joint status report or a stipulation of dismissal on or before November 28, 2024. The parties plan to enter into a formal, final Stipulation and Agreement of Settlement, Compromise, and Release in the near term, which will be presented to the court for approval. With respect to the United Kingdom Litigation (various claims on behalf of survivors and estates of decedents) described in the Form 10-K, there are no updates.Lehman Brothers International (Europe) Legal Proceeding. On June 26, 2020, Lehman Brothers International (Europe) (â€œLBIEâ€) filed proceedings in the High Court of Justice, Business and Property Courts of England and Wales againstâ€¯two subsidiaries of the Company, FR Acquisitions Corporation (Europe) Ltd and JFB Firth Rixson Inc. (collectively, the â€œFirth Rixson Entitiesâ€). The proceedings concerned two interest rate swap transactions that the Firth Rixson Entities entered into with LBIE in 2007 and 2008. On June 15, 2023, the Company, the Firth Rixson Entities, and LBIE reached a full and final settlement of all claims arising out of the LBIE legal proceeding. The settlement provided for a payment of $40: $15 paid in July 2023 and $25 paid in July 2024. Lockheed Martin Corp v. Howmet Aerospace Inc. On November 30, 2023, Lockheed Martin Corporation (â€œLockheed Martinâ€) filed a complaint in federal district court in the Northern District of Texas against the Company and its subsidiary RTI Advanced Forming, Inc. (â€œRTIâ€) as defendants. The complaint alleged that the Company and RTI breached a Master Purchase Order between Lockheed Martin and RTI related to the F-35 Joint Strike Fighter production program between Lockheed Martin and the United States government (the â€œF-35 Programâ€) by seeking a fair market price adjustment for the provision of titanium mill products under RTIâ€™s separate agreements with Lockheed Martinâ€™s subcontractors for the F-35 Program. Following various claims and counterclaims and court-ordered mediation, the parties reached a confidential settlement agreement on April 2, 2024, to supply until December 31, 2026 subject to revised terms mutually agreed to by the parties. The settlement had no material impact on the results of operations in the current year. The parties stipulated to the dismissal of all claims and counterclaims with prejudice on April 2, 2024.Other. In addition to the matters discussed above, various other lawsuits, claims, and proceedings have been or may be instituted or asserted against the Company, including those pertaining to environmental, product liability, safety and health, employment, tax and antitrust matters. While the amounts claimed in these other matters may be substantial, the ultimate liability cannot currently be determined because of the considerable uncertainties that exist. Therefore, it is possible that the Companyâ€™s liquidity or results of operations in a period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the results of operations, financial position or cash flows of the Company.CommitmentsGuarantees. As of SeptemberÂ 30, 2024, Howmet had outstanding bank guarantees related to energy contracts, tax matters, customs duties and environmental obligations, among others. The total amount committed under these guarantees, which expire at various dates between 2024 and 2027, was $23 as of SeptemberÂ 30, 2024.Pursuant to the Separation and Distribution Agreement, dated as of October 31, 2016, between Howmet and Alcoa Corporation, Howmet was required to provide certain guarantees for Alcoa Corporation, which were included in Other noncurrent liabilities and deferred credits in the Consolidated Balance Sheet. The remaining guarantee which had a fair value of $6 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, for which the Company and Arconic Corporation are secondarily liable in the event of a payment default by Alcoa Corporation, relates to a long-term energy supply agreement that expires in 2047 at an Alcoa Corporation facility. The Company currently views the risk of an Alcoa Corporation payment default on its obligations under the contract to be remote. The Company and Arconic Corporation are required to provide a guarantee up to an estimated present value amount of approximately $1,131 as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 in the event of an Alcoa Corporation default. In December 2023, a surety bond with a limit of $80 relating to this guarantee was obtained by Alcoa Corporation to protect Howmetâ€™s obligation. This surety bond will be renewed on an annual basis by Alcoa Corporation.Letters of Credit. The Company has outstanding letters of credit primarily related to environmental obligations, insurance obligations and workersâ€™ compensation, among others. The total amount committed under these letters of credit, which automatically renew or expire at various dates, primarily in 2024 and 2025, was $91 as of SeptemberÂ 30, 2024. Pursuant to the Separation and Distribution Agreements between the Company and Arconic Corporation and between the Company and Alcoa Corporation, the Company is required to retain letters of credit of $48, which are included in the $91 in the above paragraph, that had previously been provided related to the Company, Arconic Corporation, and Alcoa Corporation workersâ€™ compensation claims that occurred prior to the respective separation transactions of April 1, 2020 and NovemberÂ 1, 2016. Arconic Corporation and Alcoa Corporation workersâ€™ compensation and letters of credit fees paid by the Company are proportionally billed to, and are reimbursed by, Arconic Corporation and Alcoa Corporation, respectively. Also, the Company was required to provide letters of credit for certain Arconic Corporation environmental obligations and, as a result, the Company has $17 of outstanding letters of credit relating to such liabilities, which are also included in the $91 in the above paragraph.Surety Bonds. The Company has outstanding surety bonds primarily related to workersâ€™ compensation, customs duties, environmental-related matters, and contract performance. The total amount committed under these annual surety bonds, which automatically renew or expire at various dates, primarily in 2024 and 2025, was $43 as of SeptemberÂ 30, 2024.Pursuant to the Separation and Distribution Agreements between the Company and Arconic Corporation and between the Company and Alcoa Corporation, the Company is required to provide surety bonds of $21, which are included in the $43 in the above paragraph, that had previously been provided related to the Company, Arconic Corporation, and Alcoa Corporation workersâ€™ compensation claims that occurred prior to the respective separation transactions of April 1, 2020 and November 1, 2016. Arconic Corporation and Alcoa Corporation workersâ€™ compensation claims and surety bond fees paid by the Company are proportionately billed to, and are reimbursed by, Arconic Corporation and Alcoa Corporation, respectively.Other LiabilitiesSupplier Financing Arrangements. On January 1, 2023, the Company adopted the changes issued by the FASB related to disclosure requirements of supplier finance program obligations. We offer voluntary supplier finance programs to suppliers who may elect to sell their receivables to third parties at the sole discretion of both the suppliers and the third parties. The program is at no cost to the Company and provides additional liquidity to our suppliers, if they desire, at their cost. Under these programs, the Company pays the third-party bank rather than the supplier, the stated amount of the confirmed invoices on the original maturity date of the invoices. The Company or the third-party bank may terminate a program upon at least 30 daysâ€™ notice. Supplier invoices under the program require payment in full no more than 120 days of the invoice date. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, supplier invoices that are subject to future payment under these programs were $251 and $258, respectively, and are included in Accounts payable, trade in the Consolidated Balance Sheet. X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R26.htm IDEA: XBRL DOCUMENT v3.24.3 Subsequent Events 9 Months Ended Sep. 30, 2024 Subsequent Events [Abstract] Â Subsequent Events Subsequent EventsManagement evaluated all activity of Howmet and concluded that no subsequent events have occurred that would require recognition in the Consolidated Financial Statements or disclosure in the Notes to the Consolidated Financial Statements, except as noted below:See Note H regarding share repurchases made in October 2024. X - ReferencesNo definition available. + Details Name: us-gaap_SubsequentEventsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include:

the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/855/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R27.htm IDEA: XBRL DOCUMENT v3.24.3 Basis of Presentation (Policies) 9 Months Ended Sep. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Basis of Presentation Basis of PresentationThe interim Consolidated Financial Statements of Howmet Aerospace Inc. and its subsidiaries (â€œHowmetâ€ or the â€œCompanyâ€ or â€œweâ€ or â€œourâ€) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Companyâ€™s results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (â€œGAAPâ€). This Form 10-Q report should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023 (the â€œForm 10-Kâ€), which includes all disclosures required by GAAP. Certain amounts in previously issued financial statements were reclassified to conform to the current period presentation.In the nine months ended SeptemberÂ 30, 2024, the Company derived approximately 52% of its revenue from products sold to the commercial aerospace market which is less than the pre-pandemic 2019 annual rate of approximately 60%. Aircraft production in the commercial aerospace industry continues to recover based on increases in demand for narrow body and wide body aircraft. We expect our commercial aerospace wide body and narrow body demand, including engine spares, also to continue to grow. Quality control issues at The Boeing Company (â€œBoeingâ€) are expected to negatively impact narrow body and wide body production rates in the near term. For instance, the Federal Aviation Administration stated that it will not approve production rate increases or additional production lines for the Boeing 737 MAX until it is satisfied that Boeing is in full compliance with required quality control procedures. In addition, a labor union work stoppage at Boeing has negatively impacted results. Boeing production levels have a material impact on the financial performance of Howmet. The timing and level of future aircraft builds by original equipment manufacturers are subject to changes and uncertainties, which may cause our future results to differ from prior periods due to changes in product mix in certain segments.The preparation of the Consolidated Financial Statements of the Company in conformity with GAAP requires management to make certain judgments, estimates, and assumptions. These estimates are based on historical experience and, in some cases, assumptions based on current and future market expectations, including considerations relating to changes in the aerospace industry. The impact of these changes, including the macroeconomic considerations, remains highly uncertain. Management has made its best estimates using all relevant information available at the time, but it is possible that our estimates will differ from our actual results and affect the Consolidated Financial Statements in future periods and potentially require adverse adjustments to the recoverability of goodwill, intangible and long-lived assets, the realizability of deferred tax assets and other judgments and estimations and assumptions. Recently Adopted and Recently Issued Accounting Guidance Recently Adopted and Recently Issued Accounting GuidanceAdoptedIn September 2022, the Financial Accounting Standards Board (â€œFASBâ€) issued guidance to enhance the transparency of disclosures regarding supplier finance programs (See Note Q). These changes became effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years, except for the amendment on rollforward information, which is effective for fiscal years beginning after December 15, 2023.IssuedIn November 2024, the FASB issued guidance to improve disclosures about an entityâ€™s expenses including more detailed information about the components of expenses in commonly presented expense captions. These changes become effective for fiscal years beginning after December 15, 2026, and interim periods within fiscal years beginning after December 15, 2027. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.In December 2023, the FASB issued guidance to enhance the transparency of income tax disclosures including additional details on the rate reconciliation and taxes paid by jurisdiction. These changes become effective for fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements.In November 2023, the FASB issued guidance to enhance disclosures related to significant segment expenses and other matters related to reportable segments. These changes become effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. Earnings Per Share Basic earnings per share (â€œEPSâ€) amounts are computed by dividing earnings, after the deduction of preferred stock dividends declared, by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding. X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for computing basic and diluted earnings or loss per share for each class of common stock and participating security. Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2 + Details Name: us-gaap_EarningsPerSharePolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 38 R28.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information (Tables) 9 Months Ended Sep. 30, 2024 Segment Reporting [Abstract] Â Schedule of Operating Results by Reportable Segments The operating results of the Companyâ€™s reportable segments were as follows:Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentThird quarter ended September 30, 2024Sales:Third-party sales$945Â $392Â $253Â $245Â $1,835Â Inter-segment sales3Â â€”Â 3Â â€”Â 6Â Total sales$948Â $392Â $256Â $245Â $1,841Â Profit and loss:Provision for depreciation and amortization$34Â $12Â $10Â $10Â $66Â Segment Adjusted EBITDA307Â 102Â 38Â 64Â 511Â Restructuring and other charges1Â 1Â 1Â 1Â 4Â Capital expenditures55Â 5Â 5Â 14Â 79Â Third quarter ended September 30, 2023Sales:Third-party sales$798Â $348Â $227Â $285Â $1,658Â Inter-segment sales5Â â€”Â â€”Â â€”Â 5Â Total sales$803Â $348Â $227Â $285Â $1,663Â Profit and loss:Provision for depreciation and amortization$33Â $12Â $12Â $10Â $67Â Segment Adjusted EBITDA219Â 76Â 30Â 77Â 402Â Restructuring and other chargesâ€”Â 1Â 1Â â€”Â 2Â Capital expenditures30Â 9Â 6Â 9Â 54Â Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentNine months ended September 30, 2024Sales:Third-party sales$2,763Â $1,175Â $790Â $811Â $5,539Â Inter-segment sales6Â â€”Â 7Â â€”Â 13Â Total sales$2,769Â $1,175Â $797Â $811Â $5,552Â Profit and loss:Provision for depreciation and amortization$100Â $36Â $32Â $30Â $198Â Segment Adjusted EBITDA848Â 295Â 115Â 221Â 1,479Â Restructuring and other chargesâ€”Â 3Â 15Â 1Â 19Â Capital expenditures143Â 17Â 16Â 35Â 211Â Nine months ended September 30, 2023Sales:Third-party sales$2,414Â $989Â $634Â $872Â $4,909Â Inter-segment sales12Â â€”Â 1Â â€”Â 13Â Total sales$2,426Â $989Â $635Â $872Â $4,922Â Profit and loss:Provision for depreciation and amortization$97Â $35Â $36Â $29Â $197Â Segment Adjusted EBITDA654Â 198Â 80Â 237Â 1,169Â Restructuring and other (credits) charges(1)1Â 7Â â€”Â 7Â Capital expenditures84Â 23Â 21Â 25Â 153Â Schedule of Segment Reporting Information to Consolidated Income Before Income Taxes The following table reconciles Total Segment Adjusted EBITDA to Income before income taxes. Differences between the total segment and consolidated totals are in Corporate.Third quarter endedNine months endedSeptember 30,September 30,20242023202420232Total Segment Adjusted EBITDA$511Â $402Â $1,479Â $1,169Â Segment provision for depreciation and amortization(66)(67)(198)(197)Unallocated amounts:Restructuring and other credits (charges)1Â (4)(21)(8)Corporate expense(25)(24)(72)(87)Operating income$421Â $307Â $1,188Â $877Â Loss on debt redemption(6)â€”Â (6)(1)Interest expense, net(44)(54)(142)(166)Other expense, net(17)(11)(49)(5)Income before income taxes$354Â $242Â $991Â $705Â Schedule of Reconciliation of Capital Expenditures from Segments to Consolidated Cash Flows The following table reconciles total segment capital expenditures with Capital expenditures as presented in the Statement of Consolidated Cash Flows.Third quarter endedNine months endedSeptember 30,September 30,2024202320242023Total segment capital expenditures$79Â $54Â $211Â $153Â Corporate3Â 5Â 8Â 11Â Capital expenditures$82Â $59Â $219Â $164Â Schedule of Disaggregation of Revenue by Major End Market Served The following table disaggregates segment revenue by major market served. Differences between the total segment and consolidated totals are in Corporate.Engine ProductsFastening SystemsEngineered StructuresForged WheelsTotalSegmentThird quarter ended September 30, 2024Aerospace - Commercial$534Â $245Â $183Â $â€”Â $962Â Aerospace - Defense 189Â 43Â 57Â â€”Â 289Â Commercial Transportationâ€”Â 65Â â€”Â 245Â 310Â Industrial and Other222Â 39Â 13Â â€”Â 274Â Total end-market revenue$945Â $392Â $253Â $245Â $1,835Â Third quarter ended September 30, 2023Aerospace - Commercial$446Â $209Â $165Â $â€”Â $820Â Aerospace - Defense 165Â 41Â 45Â â€”Â 251Â Commercial Transportationâ€”Â 67Â â€”Â 285Â 352Â Industrial and Other187Â 31Â 17Â â€”Â 235Â Total end-market revenue$798Â $348Â $227Â $285Â $1,658Â Nine months ended September 30, 2024Aerospace - Commercial$1,554Â $740Â $575Â $â€”Â $2,869Â Aerospace - Defense 566Â 119Â 174Â â€”Â 859Â Commercial Transportationâ€”Â 199Â â€”Â 811Â 1,010Â Industrial and Other643Â 117Â 41Â â€”Â 801Â Total end-market revenue$2,763Â $1,175Â $790Â $811Â $5,539Â Nine months ended September 30, 2023Aerospace - Commercial$1,324Â $563Â $458Â $â€”Â $2,345Â Aerospace - Defense 502Â 131Â 131Â â€”Â 764Â Commercial Transportationâ€”Â 192Â â€”Â 872Â 1,064Â Industrial and Other588Â 103Â 45Â â€”Â 736Â Total end-market revenue$2,414Â $989Â $634Â $872Â $4,909Â X - DefinitionReconciliation of Capital Expenditures From Segments To Consolidated + ReferencesNo definition available. + Details Name: hwm_ReconciliationOfCapitalExpendituresFromSegmentsToConsolidatedTableTextBlock Namespace Prefix: hwm_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5 + Details Name: us-gaap_DisaggregationOfRevenueTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the reconciliation of profit (loss) from reportable segments to the consolidated income (loss) before income tax expense (benefit) and discontinued operations. Includes, but is not limited to, reconciliation after income tax if income tax is allocated to the reportable segment. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 39 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Restructuring and Other (Credits) Charges (Tables) 9 Months Ended Sep. 30, 2024 Restructuring and Related Activities [Abstract] Â Schedule of Restructuring and Other (Credits) Charges Third quarter endedNine months endedSeptember 30,September 30,20242023202420232Layoff costs$1Â $1Â $8Â $1Â Reversals of previously recorded layoff reserves(1)â€”Â (1)(1)Pension and Other post-retirement benefits - net settlements (E)â€”Â 2Â â€”Â 5Â Net (gain) loss related to divestitures of assets and businesses (P)(1)â€”Â 12Â â€”Â Otherâ€”Â 1Â 2Â 3Â Total restructuring and other (credits) charges(1)4Â $21Â $8Â Schedule of Activity and Reserve Balances for Restructuring Charges Layoff costsOtherÂ exit costsTotalReserve balances at December 31, 2023$5Â $2Â $7Â Cash payments(6)(1)(7)Restructuring charges7Â 14Â 21Â Other(1)â€”Â (14)(14)Reserve balances at September 30, 2024$6Â $1Â $7Â (1)In the nine months ended SeptemberÂ 30, 2024, other for other exit costs included a net loss of $13 on the sale of a small U.K. manufacturing facility and a charge of $2 for accelerated depreciation, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1. X - ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of costs incurred for restructuring including, but not limited to, exit and disposal activities, remediation, implementation, integration, asset impairment, and charges against earnings from the write-down of assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.P.3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 420 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_ScheduleOfRestructuringAndRelatedCostsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's restructuring reserve that occurred during the period associated with the exit from or disposal of business activities or restructurings for each major type of cost. This element may also include a description of any reversal and other adjustment made during the period to the amount of an accrued liability for restructuring activities. This element may be used to encapsulate the roll forward presentations of an entity's restructuring reserve by type of cost and in total, and explanation of changes that occurred in the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 420 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_ScheduleOfRestructuringReserveByTypeOfCostTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R30.htm IDEA: XBRL DOCUMENT v3.24.3 Pension and Other Postretirement Benefits (Tables) 9 Months Ended Sep. 30, 2024 Retirement Benefits [Abstract] Â Schedule of Components of Net Periodic Cost (Benefit) The components of net periodic cost (benefit) were as follows:Third quarter endedNine months endedÂ September 30,September 30,20242023202420232Pension benefitsService cost$1Â $â€”Â $2Â $2Â Interest cost18Â 20Â 56Â 60Â Expected return on plan assets(17)(18)(52)

(55)Recognized net actuarial loss9Â 7Â 25Â 21Â SettlementsâÂ€”Â 2Â â€”Â 5Â Net periodic cost(1)$11Â $11Â $31Â $33Â Other postretirement benefitsÂ Â Â Â Service cost$â€”Â $1Â $â€”Â $1Â Interest cost1Â 2Â 4Â 5Â Recognized net actuarial gain(1)(1)(2)(2)Amortization of prior service benefit(2)(3)(7)(7)Net periodic benefit(1)(2)(1)(5)(3)Â (1)Service cost was included within Cost of goods sold and Selling, general administrative, and other expenses; settlements were included in Restructuring and other (credits) charges; all other cost components were recorded in Other expense, net in the Statement of Consolidated Operations. X - ReferencesNo definition available. + Details Name: us-gaap_CompensationAndRetirementDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of net benefit costs for pension plans and/or other employee benefit plans including service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) recognized due to settlements or curtailments. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Subparagraph (h) -Name Accounting Standards Codification -Paragraph 1 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1 + Details Name: us-gaap_ScheduleOfNetBenefitCostsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 41 R31.htm IDEA: XBRL DOCUMENT v3.24.3 Other Expense, Net (Tables) 9 Months Ended Sep. 30, 2024 Other Income and Expenses [Abstract] Â Schedule of Other Expense, Net Third quarter endedNine months endedÂ September 30,September 30,20242023Non-service costs - pension and other postretirement benefits (E)$8Â $7Â $24Â $22Â Interest income(4)(5)(15)(15)Foreign currency losses, net2Â 5Â 9Â 3Â Net realized and unrealized losses5Â 6Â 18Â 17Â Deferred compensation6Â (1)14Â 5Â Other, netâ€”Â (1)(1)(27)Total other expense, net$17Â $11Â $49Â $5Â X - ReferencesNo definition available. + Details Name: us-gaap_OtherIncomeAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of non-operating income or non-operating expense that may include amounts earned from dividends, interest on securities, gains (losses) on securities sold, equity earnings of unconsolidated affiliates, net gain (loss) on sales of business, interest expense and other miscellaneous income or expense items. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R32.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes (Tables) 9 Months Ended Sep. 30, 2024 Income Tax Disclosure [Abstract] Â Schedule of Income Tax Provisions The tax provision was comprised of the following:Third quarter endedNine months endedÂ September 30,September 30,Â 20242023Pre-tax income at estimated annual effective income tax rate before discrete items$74Â $55Â $207Â $162Â Impact of change in estimated annual effective tax rate on previous quarterâ€™s pre-tax income(5)â€”Â â€”Â â€”Â Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized(1)â€”Â 1Â 1Â Tax reserve (Q)â€”Â â€”Â â€”Â 20Â Other discrete items(46)(1)(58)(7)Provision for income taxes$22Â $54Â $150Â $176Â X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 43 R33.htm IDEA: XBRL DOCUMENT v3.24.3 Earnings Per Share and Common Stock (Tables) 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] Â Schedule of Reconciliation of Information Used to Compute Basic and Diluted EPS The information used to compute basic and diluted EPS attributable to Howmet common shareholders was as follows (shares in millions in the table below):Third quarter endedNine months endedÂ September 30,September 30,Â 20242023Net income$332Â $188Â $841Â $529Â Less: preferred stock dividends declared1Â 1Â 2Â 2Â Net income available to Howmet Aerospace common shareholders - basic and diluted$331Â $187Â $839Â $527Â Average shares outstanding - basic408Â 412Â 408Â 412Â Effect of dilutive securities:Stock and performance awards2Â 3Â 3Â 5Â Average shares outstanding - diluted410Â 415Â 411Â 417Â Schedule of Accelerated Share Repurchases The following table provides details for share repurchases made for the periods presented:Number of sharesAverage price per share(1)TotalQ1 2024 open market repurchase2,243,259Â $66.87Â $150Â Q2 2024 open market repurchase734,737Â $81.66Â $60Â Q3 2024 open market repurchase1,061,323Â $94.22Â $100Â 2024 Share repurchases as of SeptemberÂ 30, 20244,039,319Â $76.75Â $310Â Q1 2023 open market repurchase576,629Â $43.36Â $25Â Q2 2023 open market repurchase2,246,294Â $44.52Â $100Â Q3 2023 open market repurchase506,800Â $49.32Â $25Â 2023 Share repurchases as of SeptemberÂ 30, 20233,329,723Â $45.05Â $150Â (1)Excludes commissions cost. X - DefinitionTabular disclosure of accelerated share repurchase (ASR) programs. An ASR is a combination of transactions that permits an entity to purchase a targeted number of shares immediately with the final purchase price of those shares determined by an average market price over a fixed period of time. An accelerated share repurchase program is intended to combine the immediate share retirement benefits of a tender offer with the market impact and pricing benefits of a disciplined daily open market stock repurchase program. ASRs can be disclosed as part of stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 30 -Name Accounting Standards Codification -Section 25 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481138/505-30-25-5 + Details Name: us-gaap_AcceleratedShareRepurchasesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 44 R34.htm IDEA: XBRL DOCUMENT v3.24.3 Accumulated Other Comprehensive Loss (Tables) 9 Months Ended Sep. 30, 2024 Equity [Abstract] Â Schedule of Changes in Accumulated Other Comprehensive Loss by Component The following table details the activity of the three components that comprise Accumulated other comprehensive loss:Third quarter endedNine months endedSeptember 30,September 30,20242023Pension and other postretirement benefits (E)Balance at beginning of period(682)(644)(689)(653)Other comprehensive income (loss):Unrecognized net actuarial gain and prior service benefit4Â 7Â 3Â 7Â Tax expense(1)(1)(1)(1)Total Other comprehensive income before reclassifications, net of tax3Â 6Â 2Â 6Â Amortization of net actuarial loss and prior service benefit(1)6Â 5Â 16Â 17Â Tax expense(2)(1)(1)(3)(4)Total amount reclassified from Accumulated other comprehensive loss, net of tax(3)5Â 4Â 13Â 13Â Total Other comprehensive income8Â 10Â 15Â 19Â Balance at end of period(674)(634)(674)(634)Foreign currency translationBalance at beginning of period$(1,177)$(1,155)$(1,136)$(1,193)Other comprehensive income (loss)(4)71Â (56)30Â (18)Balance at end of period$(1,106)$(1,211)$(1,106)$(1,211)Cash flow hedgesBalance at beginning of period$1Â (9)(5)$5Â Other comprehensive (loss) income:Net change from periodic revaluations(25)1Â (22)(13)Tax benefit6Â â€”Â 5Â 3Â Total Other comprehensive (loss) income before reclassifications, net of tax(19)1Â (17)(10)Net amount reclassified to earnings1Â 4Â 6Â â€”Â Tax expense(2)(1)(1)(2)â€”Â Total amount reclassified from Accumulated other comprehensive income, net of tax(3)â€”Â 3Â 4Â â€”Â Total Other comprehensive (loss) income(19)4Â (13)(10)Balance at end of period(18)(5)(18)(5)Accumulated other comprehensive loss$(1,798)$(1,850)$(1,798)$(1,850)(1)These amounts were recorded in Restructuring and other (credits) charges (See Note D) and Other expense, net (See Note F) in the Statement of Consolidated Operations.(2)These amounts were included in Provision for income taxes (See Note G) in the Statement of Consolidated Operations.(3)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings.(4)In all periods presented, no amounts were reclassified to earnings. X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of accumulated other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 45 R35.htm IDEA: XBRL DOCUMENT v3.24.3 Inventories (Tables) 9 Months Ended Sep. 30, 2024 Inventory Disclosure [Abstract] Â Schedule of Inventories Components September 30, 2024December 31, 2023Finished goods$475Â $451Â Work-in-process923Â 891Â Purchased raw materials433Â 355Â Operating supplies71Â 68Â Total inventories$1,902Â $1,765Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 46 R36.htm IDEA: XBRL DOCUMENT v3.24.3 Properties, Plants, and Equipment, net (Tables) 9 Months Ended Sep. 30, 2024 Property, Plant and Equipment [Abstract] Â Schedule of Properties, Plants, and Equipment, Net September 30, 2024December 31, 2023Land and land rights$84Â $88Â Structures1,031Â 1,018Â Machinery and equipment4,173Â 4,079Â 5,288Â 5,185Â Less: accumulated depreciation and amortization3,193Â 3,081Â 2,095Â 2,104Â Construction work-in-progress263Â 224Â Properties, plants, and equipment, net$2,358Â $2,328Â X - ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated deprecation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 47 R37.htm IDEA: XBRL DOCUMENT v3.24.3 Leases (Tables) 9 Months Ended Sep. 30, 2024 Leases [Abstract] Â Schedule of Supplemental Balance Sheet Information Related to Leases Operating lease right-of-use assets and lease liabilities in the Consolidated Balance Sheet were as follows:September 30, 2024December 31, 2023Right-of-use assets classified in Other noncurrent assets$159Â $128Â Current portion of lease liabilities classified in Other current liabilities$38Â $32Â Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits122Â 97Â Total lease liabilities$160Â $129Â X - DefinitionAssets And Liabilities, Lessee [Table Text Block] + ReferencesNo definition available. + Details Name: hwm_AssetsAndLiabilitiesLesseeTableTextBlock Namespace Prefix: hwm_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 48 R38.htm IDEA: XBRL DOCUMENT v3.24.3 Debt (Tables) 9 Months Ended Sep. 30, 2024 Debt Disclosure [Abstract] Â Schedule of Long-Term Debt September 30, 2024December 31, 20235.125% Notes, due 2024$â€”Â $205Â 6.875% Notes, due 2025â€”Â 600Â USD Term Loan Facility, due 2026200Â 200Â JPY Term Loan Facility, due 2026208Â 211Â 5.900% Notes, due 2027625Â 625Â 6.750% Bonds, due 2028300Â 300Â 3.000% Notes, due 2029700Â 700Â 4.850% Notes, due 2031(1)500Â â€”Â 5.950% Notes, due 2037625Â 625Â 4.750% Iowa Finance Authority Loan, due 2042 250Â 250Â Other, net(2)(14)(10)3,394Â 3,706Â Less: amount due within one year1Â 206Â Total long-term debt$3,393Â $3,500Â Â (1)The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately â‚¬458 million with a fixed annual interest rate of 3.720%.(2)Includes unamortized debt discounts and unamortized debt issuance costs related to outstanding notes and bonds listed in the table above and various financing arrangements related to subsidiaries. X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of information pertaining to short-term and long-debt instruments or arrangements, including but not limited to identification of terms, features, collateral requirements and other information necessary to a fair presentation. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfDebtTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 49 R39.htm IDEA: XBRL DOCUMENT v3.24.3 Fair Value of Financial Instruments (Tables) 9 Months Ended Sep. 30, 2024 Fair Value Disclosures [Abstract] Â Schedule of Carrying Values and Fair Values of Financial Instruments Â September 30, 2024December 31, 2023Â CarryingvalueFairvalueCarryingvalueFairvalueLong-term debt$3,393Â $3,470Â $3,500Â $3,504Â X - DefinitionTabular disclosure of the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-11 + Details Name: us-gaap_FairValueByBalanceSheetGroupingTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 50 R40.htm IDEA: XBRL DOCUMENT v3.24.3 Basis of Presentation (Details) 9 Months Ended 12 Months Ended Sep. 30, 2024 Dec. 31, 2018 Aerospace - Commercial | Revenue Benchmark | Customer Concentration Risk Â Â Concentration Risk [Line Items] Â Â Concentration risk (as a percent) 52.00% 60.00% X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 310 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478785/954-310-50-2 + Details Name: us-gaap_ConcentrationRiskLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -

Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: srt_ProductOrServiceAxis=hwm_AerospaceCommercialMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 51 R41.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information - Narrative (Details) - segment 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Segment Reporting Information [Line Items] Â Â Number of reportable segments 4 Â Revenue Benchmark | Customer Concentration Risk | General Electric Company Â Â Segment Reporting Information [Line Items] Â Â Concentration risk (as a percent) 10.00% 13.00% Revenue Benchmark | Customer Concentration Risk | RTX Corporation Â Â Segment Reporting Information [Line Items] Â Â Concentration risk (as a percent) 10.00% 10.00% Revenue Benchmark | Customer Concentration Risk | Aerospace Â Â Segment Reporting Information [Line Items] Â Â Concentration risk (as a percent) 67.00% 63.00% X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionNumber of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfReportableSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=hwm_GeneralElectricCompanyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=hwm_RTXCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=hwm_AerospaceMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 52 R42.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information - Operating Results of Reportable Segments (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Segment Reporting Information [Line Items] Â Â Â Â Sales $ 1,835 $ 1,658 $ 5,539 $ 4,909 Provision for depreciation and amortization 68 68 204 204 Restructuring and other (credits) charges (1) 4 21 8 Capital expenditures 82 59 219 164 Third-party sales Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 1,835 1,658 5,539 4,909 Third-party sales | Engine Products Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 945 798 2,763 2,414 Third-party sales | Fastening Systems Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 392 348 1,175 989 Third-party sales | Engineered Structures Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 253 227 790 634 Third-party sales | Forged Wheels Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 245 285 811 872 Inter-segment sales Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 6 5 13 13 Inter-segment sales | Engine Products Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 3 5 6 12 Inter-segment sales | Fastening Systems Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 0 0 0 0 Inter-segment sales | Engineered Structures Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 3 0 7 1 Inter-segment sales | Forged Wheels Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 0 0 0 0 Total segment Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 1,841 1,663 5,552 4,922 Provision for depreciation and amortization 66 67 198 197 Segment Adjusted EBITDA 511 402 1,479 1,169 Restructuring and other (credits) charges 4 2 19 7 Capital expenditures 79 54 211 153 Total segment | Engine Products Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 948 803 2,769 2,426 Provision for depreciation and amortization 34 33 100 97 Segment Adjusted EBITDA 307 219 848 654 Restructuring and other (credits) charges 1 0 0 (1) Capital expenditures 55 30 143 84 Total segment | Fastening Systems Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 392 348 1,175 989 Provision for depreciation and amortization 12 12 36 35 Segment Adjusted EBITDA 102 76 295 198 Restructuring and other (credits) charges 1 1 3 1 Capital expenditures 5 9 17 23 Total segment | Engineered Structures Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 256 227 797 635 Provision for depreciation and amortization 10 12 32 36 Segment Adjusted EBITDA 38 30 115 80 Restructuring and other (credits) charges 1 1 15 7 Capital expenditures 5 6 16 21 Total segment | Forged Wheels Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Sales 245 285 811 872 Provision for depreciation and amortization 10 10 30 29 Segment Adjusted EBITDA 64 77 221 237 Restructuring and other (credits) charges 1 0 1 0 Capital expenditures $ 14 $ 9 $ 35 $ 25 X - DefinitionSegment Adjusted EBITDA + ReferencesNo definition available. + Details Name: hwm_SegmentAdjustedEBITDA Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan and expenses resulting from the write-down of assets. Excludes expenses related to a business combination, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCostsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expenditure for addition to long-lived assets included in determination of segment assets by chief operating decision maker (CODM) or otherwise regularly provided to CODM. Excludes expenditure for addition to financial instrument, long-term customer relationship of financial institution, mortgage and other servicing rights, deferred policy acquisition cost, and deferred tax assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25 + Details Name: us-gaap_SegmentExpenditureAdditionToLongLivedAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_ConsolidationItemsAxis=hwm_OperatingSegmentsAndCorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_EngineProductsSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_FasteningSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_StructureSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_WheelSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_IntersegmentEliminationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 53 R43.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information - Segment Operating Profit to Consolidated Income before Income Taxes (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Segment Reporting Information [Line Items] Â Â Â Â Provision for depreciation and amortization $ (68) $ (68) $ (204) $ (204) Restructuring and other credits (charges) 1 (4) (21) (8) Operating income 421 307 1,188 877 Loss on debt redemption (6) 0 (6) (1) Interest income (44) (54) (142) (166) Other expense, net (17) (11) (49) (5) Income before income taxes 354 242 991 705 Total segment Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Adjusted EBITDA 511 402 1,479 1,169 Provision for depreciation and amortization (66) (67) (198) (197) Restructuring and other credits (charges) (4) (2) (19) (7) Restructuring and other credits (charges) Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Restructuring and other credits (charges) 1 (4) (21) (8) Corporate expense Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Corporate expense $ (25) $ (24) $ (72) $ (87) X - DefinitionAdjusted EBITDA + ReferencesNo definition available. + Details Name: hwm_AdjustedEBITDA Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of interest income (expense) classified as nonoperating. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48 + Details Name: us-gaap_InterestIncomeExpenseNonoperatingNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan and expenses resulting from the write-down of assets. Excludes expenses related to a business combination, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCostsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_MaterialReconcilingItemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_CorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R44.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information - Reconciliation of Capital Expenditures (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Segment Reporting Information [Line Items] Â Â Â Â Capital expenditures $ 82 $ 59 $ 219 $ 164 Total segment Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Capital expenditures 79 54 211 153 Corporate Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Capital expenditures $ 3 $ 5 $ 8 $ 11 X - DefinitionAmount of expenditure for addition to long-lived assets included in determination of segment assets by chief operating decision maker (CODM) or otherwise regularly provided to CODM. Excludes expenditure for addition to financial instrument, long-term customer relationship of financial institution, mortgage and other servicing rights, deferred policy acquisition cost, and deferred tax assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25 + Details Name: us-gaap_SegmentExpenditureAdditionToLongLivedAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_CorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R45.htm IDEA: XBRL DOCUMENT v3.24.3 Segment Information - Disaggregation of Revenue by Major End Market Served (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Revenue, Major Customer [Line Items] Â Â Â Â Sales $ 1,835 $ 1,658 $ 5,539 $ 4,909 Third-party sales Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 1,835 1,658 5,539 4,909 Third-party sales | Engine Products Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 945 798 2,763 2,414 Third-party sales | Fastening Systems Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 392 348 1,175 989 Third-party sales | Engineered Structures Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 253 227 790 634 Third-party sales | Forged Wheels Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 245 285 811 872 Third-party sales | Aerospace - Commercial Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 962 820 2,869 2,345 Third-party sales | Aerospace - Commercial | Engine Products Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 534 446 1,554 1,324 Third-party sales | Aerospace - Commercial | Fastening Systems Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 245 209 740 563 Third-party sales | Aerospace - Commercial | Engineered Structures Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 183 165 575 458 Third-party sales | Aerospace - Commercial | Forged Wheels Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 0 0 0 0 Third-party sales | Aerospace - Defense Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 289 251 859 764 Third-party sales | Aerospace - Defense | Engine Products Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 189 165 566 502 Third-party sales | Aerospace - Defense | Fastening Systems Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 43 41 119 131 Third-party sales | Aerospace - Defense | Engineered Structures Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 57 45 174 131 Third-party sales | Aerospace - Defense | Forged Wheels Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 0 0 0 0 Third-party sales | Commercial Transportation Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 310 352 1,010 1,064 Third-party sales | Commercial Transportation | Engine Products Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 0 0 0 0 Third-party sales | Commercial Transportation | Fastening Systems Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 65 67 199 192 Third-party sales | Commercial Transportation | Engineered Structures Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 0 0 0 0 Third-party sales | Commercial Transportation | Forged Wheels Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 245 285 811 872 Third-party sales | Industrial and Other Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 274 235 801 736 Third-party sales | Industrial and Other | Engine Products Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 222 187 643 588 Third-party sales | Industrial and Other | Fastening Systems Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 39 31 117 103 Third-party sales | Industrial and Other | Engineered Structures Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales 13 17 41 45 Third-party sales | Industrial and Other | Forged Wheels Â Â Â Â Revenue, Major Customer [Line Items] Â Â Â Â Sales $ 0 $ 0 $ 0 $ 0 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EntityWideRevenueMajorCustomerLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_ConsolidationItemsAxis=hwm_OperatingSegmentsAndCorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_EngineProductsSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_FasteningSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_StructureSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_WheelSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=hwm_AerospaceCommercialMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=hwm_AerospaceDefenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=hwm_CommercialTransportationMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=hwm_IndustrialAndOtherMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 56 R46.htm IDEA: XBRL DOCUMENT v3.24.3 Restructuring and Other (Credits) Charges - Restructuring and Other Charges (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Restructuring and Related Activities [Abstract] Â Â Â Â Layoff costs $ 1 $ 1 $ 8 $ 1 Reversals of previously recorded layoff reserves (1) 0 (1) (1) Pension and Other post-retirement benefits - net settlements (E) 0 2 0 5 Net (gain) loss related to divestitures of assets and businesses (P) (1) 0 12 0 Other 0 1 2 3 Total restructuring and other (credits) charges $ (1) $ 4 $ 21 $ 8 X - DefinitionGain (Loss) On Divestitures Of Assets And Business, Included In Restructuring Charges + ReferencesNo definition available. + Details Name: hwm_GainLossOnDivestituresOfAssetsAndBusinessIncludedInRestructuringCharges Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionReversal Of Previous Severance Costs + ReferencesNo definition available. + Details Name: hwm_ReversalOfPreviousSeveranceCosts Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary

responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of other expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses associated with a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OtherRestructuringCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan and expenses resulting from the write-down of assets. Excludes expenses related to a business combination, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCostsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_SeveranceCosts1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 57 R47.htm IDEA: XBRL DOCUMENT v3.24.3 Restructuring and Other (Credits) Charges - Narrative (Details) $ in Millions 3 Months Ended 9 Months Ended May 31, 2024 USD ($) Sep. 30, 2024 USD ($) Sep. 30, 2023 USD ($) Sep. 30, 2024 USD ($) employee Sep. 30, 2023 USD ($) Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Restructuring and other (credits) charges Â $ (1) $ 4 $ 21 $ 8 Reversal of previously recorded layoff reserve Â 1 0 1 1 Layoff costs Â 1 1 $ 8 1 Number of employees associated with layoff costs | employee Â Â Â 293 Â Accelerated depreciation Â Â 1 $ 2 3 Pension plan settlement Â 0 2 0 5 Pension benefits Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Pension plan settlement Â 0 $ 2 $ 0 5 United States and Canada | Pension benefits Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Pension plan settlement Â Â Â Â Â $ 5 Engineered Structures Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Number of employees associated with layoff costs | employee Â Â Â 111 Â Fastening Systems Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Number of employees associated with layoff costs | employee Â Â Â 144 Â Forged Wheels Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Number of employees associated with layoff costs | employee Â Â Â 38 Â UK | Engineered Structures Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Gain (loss) on sale of assets $ (13) $ (1) Â $ (13) Â UK | Engine Products Â Â Â Â Â Restructuring Cost and Reserve [Line Items] Â Â Â Â Â Gain (loss) on sale of assets Â Â Â $ 1 Â X - DefinitionReversal Of Previous Severance Costs + ReferencesNo definition available. + Details Name: hwm_ReversalOfPreviousSeveranceCosts Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) on sale or disposal of assets, including but not limited to property plant and equipment, intangible assets and equity in securities of subsidiaries or equity method investee. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnDispositionOfAssets1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe number of positions eliminated during the period as a result of restructuring activities. + ReferencesNo definition available. + Details Name: us-gaap_RestructuringAndRelatedCostNumberOfPositionsEliminated Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan and expenses resulting from the write-down of assets. Excludes expenses related to a business combination, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCostsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of accelerated depreciation charged against earnings associated with exit from or disposal of business activities or restructuring plan. + ReferencesNo definition available. + Details Name: us-gaap_RestructuringReserveAcceleratedDepreciation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_SeveranceCosts1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanSponsorLocationAxis=hwm_UnitedStatesAndCanadaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_EngineeredStructuresMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_FasteningSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_WheelSystemsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_GB Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_EngineProductsSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 58 R48.htm IDEA: XBRL DOCUMENT v3.24.3 Restructuring and Other (Credits) Charges - Activity and Reserve Balances for Restructuring Charges (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Restructuring Reserve [Roll Forward] Â Â Â Restructuring reserve, beginning balance Â $ 7 Â Cash payments Â (7) Â Restructuring and other charges Â 21 Â Other Â (14) Â Restructuring reserve, ending balance Â 7 Â Accelerated depreciation $ 1 2 $ 3 Layoff costs Â Â Â Restructuring Reserve [Roll Forward] Â Â Â Restructuring reserve, beginning balance Â 5 Â Cash payments Â (6) Â Restructuring and other charges Â 7 Â Other Â 0 Â Restructuring reserve, ending balance Â 6 Â OtherÂ exit costs Â Â Â Restructuring Reserve [Roll Forward] Â Â Â Restructuring reserve, beginning balance Â 2 Â Cash payments Â (1) Â Restructuring and other charges Â 14 Â Other Â (14) Â Restructuring reserve, ending balance Â 1 Â Gain (loss) on sale of assets Â $ (13) Â X - DefinitionAmount of gain (loss) on sale or disposal of assets, including but not limited to property plant and equipment, intangible assets and equity in securities of subsidiaries or equity method investee. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnDispositionOfAssets1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash payments made as the result of exit or disposal activities. Excludes payments associated with a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_PaymentsForRestructuring Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482047/420-10-45-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.P.3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-1 + Details Name: us-gaap_RestructuringCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCarrying amount (including both current and noncurrent portions of the accrual) as of the balance sheet date pertaining to a specified type of cost associated with exit from or disposal of business activities or restructuring pursuant to a duly authorized plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserve Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of accelerated depreciation charged against earnings associated with exit from or disposal of business activities or restructuring plan. + ReferencesNo definition available. + Details Name: us-gaap_RestructuringReserveAcceleratedDepreciation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_RestructuringReserveRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of decrease in the reserve for full or partial settlement through consideration other than cash. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_RestructuringReserveSettledWithoutCash2 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RestructuringCostAndReserveAxis=us-gaap_EmployeeSeveranceMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestructuringCostAndReserveAxis=hwm_OtherRestructuringAndDisposalOfBusinessMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 59 R49.htm IDEA: XBRL DOCUMENT v3.24.3 Pension and Other Postretirement Benefits - Components of Net Periodic Benefit Cost (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Pension and Other post-retirement benefits - net settlements (E) $ 0 $ 2 $ 0 $ 5 Pension benefits Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Service cost 1 0 2 2 Interest cost 18 20 56 60 Expected return on plan assets (17) (18) (52) (55) Recognized net actuarial (gain) loss 9 7 25 21 Pension and Other post-retirement benefits - net settlements (E) 0 2 0 5 Net periodic cost (benefit) 11 11 31 33 Other postretirement benefits Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Service cost 0 1 0 1 Interest cost 1 2 4 5 Recognized net actuarial (gain) loss (1) (1) (2) (2) Amortization of prior service benefit (2) (3) (7) (7) Net periodic cost (benefit) $ (2) $ (1) $ (5) $ (3) X - DefinitionAmount of gain (loss), recognized immediately as component of net periodic benefit (cost) credit, for change in value of benefit obligation or plan assets from experience different from that assumed, change in actuarial assumption, or consequence of temporarily deviating from substantive plan. Includes, but is not limited to, amount in excess of 10 percent of greater of fair value of plan assets or benefit obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanActuarialGainLossImmediateRecognitionAsComponentInNetPeriodicBenefitCostCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of expected return (loss) recognized in net periodic benefit (cost) credit, calculated based on expected long-term rate of return and market-related value of plan assets of defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cost recognized for passage of time related to defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanInterestCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of net periodic benefit cost (credit) for defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cost for actuarial present value of benefits attributed to service rendered by employee for defined benefit plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-17Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480482/715-20-55-18Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanServiceCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R50.htm IDEA: XBRL DOCUMENT v3.24.3 Pension and Other Postretirement Benefits - Narrative (Details) - USD ($) $ in Millions 1 Months Ended 3 Months Ended 9 Months Ended Jun. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Decrease in obligation, pension benefits $ 19 Â $ 12 Â $ 12 Pension plan settlement Â $ 0 2 $ 0 5 Contributions and payments Â 19 9 41 28 Pension benefits Â Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Â Pension plan settlement Â $ 0 $ 2 $ 0 $ 5 X - DefinitionDefined Benefit Plan, Benefit Obligation, Contributions And Payments + ReferencesNo definition available. + Details Name: hwm_DefinedBenefitPlanBenefitObligationContributionsAndPayments Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6 + Details Name: us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in obligation for pension benefits. Includes, but is not limited to, defined benefit or defined contribution plans. Excludes other postretirement benefits. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPensionPlanObligations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 61 R51.htm IDEA: XBRL DOCUMENT v3.24.3 Other Expense, Net - Other Expense, Net (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Other Income and Expenses [Abstract] Â Â Â Â Non-service costs - pension and other postretirement benefits (E) $ 8 $ 7 $ 24 $ 22 Interest income (4) (5) (15) (15) Foreign currency losses, net 2 5 9 3 Net realized and unrealized losses 5 6 18 17 Deferred compensation 6 (1) 14 5 Other, net 0 (1) (1) (27) Total other expense, net $ 17 $ 11 $ 49 $ 5 X - DefinitionNet Periodic Benefit Cost, Non-service + ReferencesNo definition available. + Details Name: hwm_NetPeriodicBenefitCostNonservice Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe compensation expense recognized during the period pertaining to the deferred compensation arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 710 -SubTopic 10 -Name Accounting Standards Codification -Section 30 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483043/710-10-30-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-1 + Details Name: us-gaap_DeferredCompensationArrangementWithIndividualCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, before tax, of realized and unrealized gain (loss) from foreign currency transaction. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482014/830-20-35-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481956/830-20-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481926/830-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481839/830-10-45-17 + Details Name: us-gaap_ForeignCurrencyTransactionGainLossBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of realized and unrealized gain (loss) on investment. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income from investments (for example, dividends) not considered a component of the entity's core operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_InvestmentIncomeNonoperating Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherIncomeAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (expense) related to nonoperating activities, classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 62 R52.htm IDEA: XBRL DOCUMENT v3.24.3 Other Expense, Net - Narrative (Details) - Lehman Brothers International (Europe) (â€œLBIEâ€) Claims - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2022 Sep. 30, 2023 Loss Contingencies [Line Items] Â Â Reversal of previously recorded litigation amount Â $ 25 Legal fees Â $ 1 Loss contingency, provision $ 65 Â X - DefinitionThe amount of expense provided in the period for legal costs incurred on or before the balance sheet date pertaining to resolved, pending or threatened litigation, including arbitration and mediation proceedings. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(6)) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_LegalFees Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingenciesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in loss contingency liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingencyAccrualCarryingValuePeriodIncreaseDecrease Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - DefinitionAmount charged against operating income increasing loss contingency liability, after adjustments to reduce previously estimated charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingencyAccrualProvision Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: srt_LitigationCaseAxis=hwm_LehmanBrothersInternationalEuropeLBIECIaimsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R53.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes - Narrative (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income Tax Contingency [Line Items] Â Â Â Â Effective income tax rate reconciliation (as a percent) 20.90% 23.00% 20.90% 23.00% Effective income tax rate reconciliation, including discrete items (as a percent) 6.20% 22.30% 15.10% 25.00% Discrete tax charge (benefit) $ (46) $ (1) $ (58) $ 13 Net benefit related to U.S. federal and state R&D credits 44 Â 44 Â Excess tax benefit for stock compensation 2 Â 9 8 Charge (benefit) for other small items Â Â 1 1 Income tax reserve $ 0 $ 0 0 20 US Â Â Â Â Income Tax Contingency [Line Items] Â Â Â Â Release of valuation allowance, foreign tax credits, amount Â Â $ 6 Â France Â Â Â Â Income Tax Contingency [Line Items] Â Â Â Â Income tax reserve Â Â Â $ 20 X - DefinitionDiscrete Income Tax Expense (Benefit) + ReferencesNo definition available. + Details Name: hwm_DiscreteIncomeTaxExpenseBenefit Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionEffective Income Tax Rate Reconciliation, Including Discrete Items, Percent + ReferencesNo definition available. + Details Name: hwm_EffectiveIncomeTaxRateReconciliationIncludingDiscreteItemsPercent Namespace Prefix: hwm_ Data Type: dtr-types1:percentItemType Balance Type: na Period Type: duration X - DefinitionEffective Income Tax Rate Reconciliation, Release Of Valuation Allowance, Foreign Tax Credits, Amount + ReferencesNo definition available. + Details Name: hwm_EffectiveIncomeTaxRateReconciliationReleaseOfValuationAllowanceForeignTaxCreditsAmount Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionPercentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_EffectiveIncomeTaxRateContinuingOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount of difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying domestic federal statutory income tax rate to pretax income (loss) from continuing operation, attributable to expense for award under share-based payment arrangement. Excludes expense determined to be nondeductible upon grant or after for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 35 -Paragraph 2 -SubTopic 740 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479176/718-740-35-2 + Details Name: us-gaap_EffectiveIncomeTaxRateReconciliationShareBasedCompensationExcessTaxBenefitAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxContingencyLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to other adjustments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationOtherAdjustments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to increase (decrease) in income tax contingencies. Including, but not limited to, domestic tax contingency, foreign tax contingency, state and local tax contingency, and other contingencies. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (a)(8) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationTaxContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to research tax credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationTaxCreditsResearch Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_FR Namespace Prefix: Data Type: na Balance Type: Period Type: XML 64 R54.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes - Income Tax Provisions (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income Tax Disclosure [Abstract] Â Â Â Â Pre-tax income at estimated annual effective income tax rate before discrete items $ 74 $ 55 $ 207 $ 162 Impact of change in estimated annual effective tax rate on previous quarterâ€™s pre-tax income (5) 0 0 0 Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized (1) 0 1 1 Tax reserve (Q) 0 0 0 20 Other discrete items (46) (1) (58) (7) Provision for income taxes $ 22 $ 54 $ 150 $ 176 X - DefinitionEffective Income Tax Reconciliation, Change In Estimate From Prior Period, Amount + ReferencesNo definition available. + Details Name: hwm_EffectiveIncomeTaxReconciliationChangeInEstimateFromPriorPeriodAmount Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of income tax expense or benefit for the period computed by applying the domestic federal statutory tax rates to pretax income from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_IncomeTaxReconciliationIncomeTaxExpenseBenefitAtFederalStatutoryIncomeTaxRate Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying statutory federal (national) tax rate to pretax income (loss) from continuing operation attributable to other reconciling item. Excludes state and local income tax expense (benefit), federal tax expense (benefit), statutory income tax expense (benefit) outside of country of domicile, tax credit, nondeductible expense, deduction, income tax settlement, income tax contingency, and cross-border tax law. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationOtherReconcilingItems Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to increase (decrease) in income tax contingencies. Including, but not limited to, domestic tax contingency, foreign tax contingency, state and local tax contingency, and other contingencies. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (a)(8) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationTaxContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to increase (decrease) in foreign income tax contingency. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationTaxContingenciesForeign Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 65 R55.htm IDEA: XBRL DOCUMENT v3.24.3 Earnings Per Share and Common Stock - Reconciliation of Information Used to Compute Basic and Diluted EPS (Details) - USD ($) shares in Millions, $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Earnings Per Share [Abstract] Â Â Â Â Net income $ 332 $ 188 $ 841 $ 529 Less: preferred stock dividends declared 1 1 2 2 Net income available to Howmet Aerospace common shareholders - basic 331 187 839 527 Net income available to Howmet Aerospace common shareholders - diluted $ 331 $ 187 $ 839 $ 527 Average shares outstanding - basic (in shares) 408 412 408 412 Effect of dilutive securities: Â Â Â Â Stock and performance awards (in shares) 2 3 3 5 Average shares outstanding - diluted (in shares) 410 415 411 417 X - ReferencesNo definition available. + Details Name: us-gaap_DilutiveSecuritiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of additional shares included in diluted EPS for potentially dilutive effect of nonvested equity-based payment award containing forfeitable rights to dividends or dividend equivalents, whether paid or unpaid. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-22Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-23Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-28AReference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 45 -Paragraph 68B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-68B + Details Name: us-gaap_IncrementalCommonSharesAttributableToNonvestedSharesWithForfeitableDividends Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -

Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: 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946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, and addition from assumption of issuance of common shares for dilutive potential common shares; of income (loss) available to common shareholders. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40 + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate value of preferred stock dividends and other adjustments necessary to derive net income apportioned to common stockholders. + ReferencesReference 1: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_PreferredStockDividendsAndOtherAdjustments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 66 R56.htm IDEA: XBRL DOCUMENT v3.24.3 Earnings Per Share and Common Stock - Narrative (Details) - USD ($) $ / shares in Units, $ in Millions 1 Months Ended 3 Months Ended 9 Months Ended Oct. 31, 2024 Sep. 30, 2024 Jun. 30, 2024 Mar. 31, 2024 Sep. 30, 2023 Jun. 30, 2023 Mar. 31, 2023 Sep. 30, 2024 Sep. 30, 2023 Jul. 30, 2024 Aug. 18, 2021 Earnings Per Share [Abstract] Â Â Â Â Â Â Â Â Â Â Â Common stock outstanding (in shares) Â 407,129,690 Â Â 411,742,755 Â Â 407,129,690 411,742,755 Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Â Â Â Â Â Â Â Value of shares repurchased Â $ 100 $ 60 $ 150 $ 25 $ 100 $ 25 $ 310 $ 150 Â Â Average price per share (in usd per share) Â $ 94.22 $ 81.66 $ 66.87 $ 49.32 $ 44.52 $ 43.36 $ 76.75 $ 45.05 Â Â Authorized repurchase amount Â Â Â Â Â Â Â Â Â Â $ 2,000 $ 1,500 Dividends declared (in usd per share) Â 0.16 Â Â 0.09 Â Â 0.26 0.17 Â Â Common stock, dividends per share, paid (in usd per share) Â $ 0.08 Â Â $ 0.04 Â Â $ 0.18 $ 0.12 Â Â Stock Options Â Â Â Â Â Â Â Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Â Â Â Â Â Â Â Number of anti-dilutive securities (in shares) Â 0 Â Â 0 Â Â 0 0 Â Â Subsequent Event Â Â Â Â Â Â Â Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Â Â Â Â Â Â Â Value of shares repurchased $ 90 Â Â Â Â Â Â Â Â Â Â Average price per share (in usd per share) $ 103.15 Â Â Â Â Â Â Â Â Â Â Stock repurchased and retired (in shares) 900,000 Â Â Â Â Â Â Â Â Â Â Remaining authorized repurchase amount $ 2,297 Â Â Â Â Â Â Â Â Â Â X - DefinitionAmount authorized for purchase of share under share repurchase plan. Includes, but is not limited to, repurchase of stock and unit of ownership. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 505 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481520/505-30-50-4 + Details Name: srt_StockRepurchaseProgramAuthorizedAmount1 Namespace Prefix: srt_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAggregate dividends paid during the period for each share of common stock outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_CommonStockDividendsPerShareCashPaid Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAggregate dividends declared during the period for each share of common stock outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_CommonStockDividendsPerShareDeclared Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -

Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount remaining authorized for purchase of share under share repurchase plan. Includes, but is not limited to, repurchase of stock and unit of ownership. + ReferencesNo definition available. + Details Name: us-gaap_StockRepurchaseProgramRemainingAuthorizedRepurchaseAmount1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionNumber of shares that have been repurchased and retired during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedAndRetiredDuringPeriodShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionEquity impact of the value of stock that has been repurchased during the period and has not been retired and is not held in treasury. Some state laws may mandate the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedDuringPeriodValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionTotal cost of shares repurchased divided by the total number of shares repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockAcquiredAverageCostPerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 67 R57.htm IDEA: XBRL DOCUMENT v3.24.3 Earnings Per Share and Common Stock - Accelerated Share Repurchases (Details) - USD ($) $ / shares in Units, $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Jun. 30, 2024 Mar. 31, 2024 Sep. 30, 2023 Jun. 30, 2023 Mar. 31, 2023 Sep. 30, 2024 Sep. 30, 2023 Earnings Per Share [Abstract] Â Â Â Â Â Â Â Â Number of shares (in shares) 1,061,323 734,737 2,243,259 506,800 2,246,294 576,629 4,039,319 3,329,723 Average price per share (in usd per share) $ 94.22 $ 81.66 $ 66.87 $ 49.32 $ 44.52 $ 43.36 $ 76.75 $ 45.05 Total $ 100 $ 60 $ 150 $ 25 $ 100 $ 25 $ 310 $ 150 X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares that have been repurchased during the period and have not been retired and are not held in treasury. Some state laws may govern the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockRepurchasedDuringPeriodValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionTotal cost of shares repurchased divided by the total number of shares repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockAcquiredAverageCostPerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration XML 68 R58.htm IDEA: XBRL DOCUMENT v3.24.3 Accumulated Other Comprehensive Loss (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance $ 4,277 $ 3,775 $ 4,037 $ 3,601 Other comprehensive income (loss): Â Â Â Â Total Other comprehensive income (loss), net of tax 60 (42) 32 (9) Ending balance 4,503 3,872 4,503 3,872 Accumulated other comprehensive loss Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance (1,858) (1,808) (1,830) (1,841) Other comprehensive income (loss): Â Â Â Â Total Other comprehensive income (loss), net of tax 60 (42) 32 (9) Ending balance (1,798) (1,850) (1,798) (1,850) Pension and other postretirement benefits Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance (682) (644) (689) (653) Other comprehensive income (loss): Â Â Â Â Unrecognized net actuarial gain and prior service benefit and net change from periodic revaluations 4 7 3 7 Tax benefit (1) (1) (1) (1) Total Other comprehensive (loss) income before reclassifications, net of tax 3 6 2 6 Amortization of net actuarial loss and prior service cost and net amount reclassified to earnings 6 5 16 17 Tax expense (1) (1) (3) (4) Total amount reclassified from Accumulated other comprehensive (loss) income, net of tax 5 4 13 13 Total Other comprehensive income (loss), net of tax 8 10 15 19 Ending balance (674) (634) (674) (634) Foreign currency translation Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance (1,177) (1,155) (1,136) (1,193) Other comprehensive income (loss): Â Â Â Â Total Other comprehensive income (loss), net of tax 71 (56) 30 (18) Ending balance (1,106) (1,211) (1,106) (1,211) Cash flow hedges Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance 1 (9) (5) 5 Other comprehensive income (loss): Â Â Â Â Unrecognized net actuarial gain and prior service benefit and net change from periodic revaluations (25) 1 (22) (13) Tax benefit 6 0 5 3 Total Other comprehensive (loss) income before reclassifications, net of tax (19) 1 (17) (10) Amortization of net actuarial loss and prior service cost and net amount reclassified to earnings 1 4 6 0 Tax expense (1) (1) (2) 0 Total amount reclassified from Accumulated other comprehensive (loss) income, net of tax 0 3 4 0 Total Other comprehensive income (loss), net of tax (19) 4 (13) (10) Ending balance $ (18) $ (5) $ (18) $ (5) X - DefinitionOther Comprehensive Income (Loss) Before Reclassification [Abstract] + ReferencesNo definition available. + Details Name: hwm_OtherComprehensiveIncomeLossBeforeReclassificationAbstract Namespace Prefix: hwm_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_AOCIAttributableToParentNetOfTaxRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount before tax and reclassification adjustments of other comprehensive income (loss) attributable to parent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14A + Details Name: us-gaap_OciBeforeReclassificationsBeforeTaxAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax, before reclassification adjustments, of other comprehensive income (loss), attributable to parent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482739/220-10-55-15 + Details Name: us-gaap_OciBeforeReclassificationsNetOfTaxAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of tax expense (benefit) allocated to other comprehensive income (loss) before reclassification adjustment from accumulated other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1 + Details Name: us-gaap_OtherComprehensiveIncomeLossBeforeReclassificationsTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax of other comprehensive income (loss) attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount before tax of reclassification adjustments of other comprehensive income (loss) attributable to parent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14A + Details Name: us-gaap_ReclassificationFromAociCurrentPeriodBeforeTaxAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax of reclassification adjustments of other comprehensive income (loss) attributable to parent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482739/220-10-55-15 + Details Name: us-gaap_ReclassificationFromAociCurrentPeriodNetOfTaxAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of tax expense (benefit) of reclassification adjustment from accumulated other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -

Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-17A + Details Name: us-gaap_ReclassificationFromAociCurrentPeriodTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedOtherComprehensiveIncomeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedDefinedBenefitPlansAdjustmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedTranslationAdjustmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedGainLossNetCashFlowHedgeParentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 69 R59.htm IDEA: XBRL DOCUMENT v3.24.3 Receivables (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Dec. 31, 2023 Certain Customers Â Â Â Â Â Schedule Of Financial Receivables [Line Items] Â Â Â Â Â Accounts receivables sold $ 172 $ 140 $ 517 $ 429 Â Accounts receivable outstanding 167 134 167 134 Â Receivables Purchase Agreement Â Â Â Â Â Schedule Of Financial Receivables [Line Items] Â Â Â Â Â Accounts receivable securitization following a provision to increase the limit 325 Â 325 Â Â Accounts receivable securitization 250 Â 250 Â $ 250 Accounts receivable securitization amount drawn 250 Â 250 Â 250 Financing receivables, held as collateral 231 Â 231 Â $ 197 Accounts receivables sold $ 503 $ 439 $ 1,233 $ 1,158 Â X - DefinitionAccounts Receivable From Securitization, Amount Drawn + ReferencesNo definition available. + Details Name: hwm_AccountsReceivableFromSecuritizationAmountDrawn Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAccounts Receivable from Securitization, Face Amount + ReferencesNo definition available. + Details Name: hwm_AccountsReceivableFromSecuritizationFaceAmount Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAccounts Receivable From Securitization, Face Amount After Provision To Increase Limit + ReferencesNo definition available. + Details Name: hwm_AccountsReceivableFromSecuritizationFaceAmountAfterProvisionToIncreaseLimit Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAccounts Receivable, Sale, Amount Outstanding + ReferencesNo definition available. + Details Name: hwm_AccountsReceivableSaleAmountOutstanding Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFinancing Receivables, Held As Collateral + ReferencesNo definition available. + Details Name: hwm_FinancingReceivablesHeldAsCollateral Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSchedule Of Financial Receivables [Line Items] + ReferencesNo definition available. + Details Name: hwm_ScheduleOfFinancialReceivablesLineItems Namespace Prefix: hwm_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of decrease from sale of accounts receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-11 + Details Name: us-gaap_AccountsReceivableSale Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_MajorCustomersAxis=hwm_CertainCustomersMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=hwm_ReceivablesPurchaseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R60.htm IDEA: XBRL DOCUMENT v3.24.3 Inventories - Inventories Components (Details) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Inventory Disclosure [Abstract] Â Â Finished goods $ 475 $ 451 Work-in-process 923 891 Purchased raw materials 433 355 Operating supplies 71 68 Total inventories $ 1,902 $ 1,765 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoodsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of unprocessed items to be consumed in the manufacturing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterialsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of products used directly or indirectly in the manufacturing or production process, which may or may not become part of the final product. May also include items used in the storage, presentation or transportation of physical goods. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventorySuppliesNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcessNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 71 R61.htm IDEA: XBRL DOCUMENT v3.24.3 Inventories - Narrative (Details) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Inventory Disclosure [Abstract] Â Â Inventories valued on a LIFO basis $ 505 $ 446 Total inventories valued on an average-cost basis $ 265 $ 236 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount by which inventory stated at last-in first-out (LIFO) is less than (in excess of) inventory stated at other inventory cost methods. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryLIFOReserve Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe amount of LIFO (last in first out) inventory present at the reporting date when inventory is also valued using different valuation methods. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_LIFOInventoryAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 72 R62.htm IDEA: XBRL DOCUMENT v3.24.3 Properties, Plants, and Equipment, net- Properties, Plants, and Equipment, Net (Details) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Property, Plant and Equipment [Line Items] Â Â Properties, plants, and equipment, net $ 2,358 $ 2,328 Property, plant and equipment, excluding construction in progress Â Â Property, Plant and Equipment [Line Items] Â Â Property, plant and equipment, gross 5,288 5,185 Less: accumulated depreciation and amortization 3,193 3,081 Properties, plants, and equipment, net 2,095 2,104 Land and land rights Â Â Property, Plant and Equipment [Line Items] Â Â Property, plant and equipment, gross 84 88 Structures Â Â Property, Plant and Equipment [Line Items] Â Â Property, plant and equipment, gross 1,031 1,018 Machinery and equipment Â Â Property, Plant and Equipment [Line Items] Â Â Property, plant and equipment, gross 4,173 4,079 Construction work-in-progress Â Â Property, Plant and Equipment [Line Items] Â Â Property, plant and equipment, gross $ 263 $ 224 X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7A + Details Name: us-gaap_PropertyPlantAndEquipmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=hwm_PropertyPlantAndEquipmentExcludingConstructionInProgressMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_LandMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-

gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_BuildingMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_MachineryAndEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_ConstructionInProgressMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 73 R63.htm IDEA: XBRL DOCUMENT v3.24.3 Property, Plant, and Equipment, net- Narrative (Details) - USD ($) $ in Millions 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Property, Plant and Equipment [Abstract] Â Â Capital expenditures incurred but not yet paid $ 71 $ 44 X - DefinitionFuture cash outflow to pay for purchases of fixed assets that have occurred. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_CapitalExpendituresIncurredButNotYetPaid Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 74 R64.htm IDEA: XBRL DOCUMENT v3.24.3 Leases - Narrative (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Leases [Abstract] Â Â Â Â Lease cost $ 18 $ 16 $ 50 $ 48 X - DefinitionAmount of lease cost recognized by lessee for lease contract. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 75 R65.htm IDEA: XBRL DOCUMENT v3.24.3 Leases - Operating Lease Assets and Liabilities in the Consolidated Balance Sheet (Details) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Leases [Abstract] Â Â Right-of-use assets classified in Other noncurrent assets $ 159 $ 128 Current portion of lease liabilities classified in Other current liabilities 38 32 Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits 122 97 Total lease liabilities $ 160 $ 129 Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List] Other Assets, Noncurrent Other Assets, Noncurrent Operating Lease, Liability, Current, Statement of Financial Position [Extensible List] Other current liabilities (M)(Q) Other current liabilities (M)(Q) Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List] Other noncurrent liabilities and deferred credits (M) Other noncurrent liabilities and deferred credits (M) X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes current operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-2 + Details Name: us-gaap_OperatingLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes noncurrent operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-2 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrentStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes operating lease right-of-use asset. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-2 + Details Name: us-gaap_OperatingLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant XML 76 R66.htm IDEA: XBRL DOCUMENT v3.24.3 Debt - Long-Term Debt (Details) â,¬ in Millions, $ in Millions Sep. 30, 2024 USD ($) Aug. 23, 2024 USD ($) Aug. 22, 2024 EUR (â,¬) Dec. 31, 2023 USD ($) Debt Instrument [Line Items] Â Â Â Â Other, net $ (14) Â Â $ (10) Long-term debt 3,394 Â Â 3,706 Less: amount due within one year 1 Â Â 206 Total long-term debt $ 3,393 Â Â 3,500 Currency Swap Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Derivative liability | â,¬ Â Â â,¬ 458 Â Fixed interest rate (as a percent) Â Â 3.72% Â 5.125% Notes, due 2024 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 5.125% Â Â Â Amount outstanding $ 0 Â Â 205 6.875% Notes, due 2025 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 6.875% Â Â Â Amount outstanding $ 0 $ 577 Â 600 USD Term Loan Facility, due 2026 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Amount outstanding 200 Â Â 200 JPY Term Loan Facility, due 2026 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Amount outstanding $ 208 Â Â 211 5.900% Notes, due 2027 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 5.90% Â Â Â Amount outstanding $ 625 Â Â 625 6.750% Bonds, due 2028 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 6.75% Â Â Â Amount outstanding $ 300 Â Â 300 3.000% Notes, due 2029 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 3.00% Â Â Â Amount outstanding $ 700 Â Â 700 4.850% Notes, due 2031 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 4.85% Â Â Â Amount outstanding $ 500 Â Â 0 5.950% Notes, due 2037 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 5.95% Â Â Â Amount outstanding $ 625 Â Â 625 4.750% Iowa Finance Authority Loan, due 2042 Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Long-term debt, interest rate (as a percent) 4.75% Â Â Â Amount outstanding $ 250 Â Â $ 250 X - DefinitionOther Long Term Debt, Including Unamortized Debt Discounts And Issuance Costs + ReferencesNo definition available. + Details Name: hwm_OtherLongTermDebtIncludingUnamortizedDebtDiscountsAndIssuanceCosts Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, before unamortized (discount) premium and debt issuance costs, of long-term debt. Includes, but is not limited to, notes payable, bonds payable, commercial loans, mortgage loans, convertible debt, subordinated debt and other types of debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_DebtInstrumentCarryingAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef 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-Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFixed interest rate related to the interest rate derivative. + ReferencesNo definition available. + Details Name: us-gaap_DerivativeFixedInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI

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https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_LongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CurrencySwapMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FivePointOneTwoFivePercentNotesDueTwoThousandTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_SixPointEightSevenFivePercentNotesDueTwoThousandTwentyFiveMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_USDTermLoanFacilityDue2026Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_JPYTermLoanFacilityDue2026Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FivePointNinePercentNotesDueTwoThousandTwentySevenMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_SixPointSevenFivePercentBondDueTwoThousandTwentyEightMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_ThreePercentNotesDueTwoThousandTwentyNineMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FourPointEightFivePercentNotesDueTwoThousandThirtyOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FivePointNineFivePercentNotesDueTwoThousandThirtySevenMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FourPointSevenFivePercentIowaFinanceAuthorityLoanDueTwoThousandFortyTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 77 R67.htm IDEA: XBRL DOCUMENT v3.24.3 Debt - Public Debt (Details) â,¬ in Millions, $ in Millions 1 Months Ended 3 Months Ended 9 Months Ended Aug. 23, 2024 USD ($) Jul. 01, 2024 USD ($) Sep. 28, 2023 USD ($) Mar. 29, 2023 USD ($) Jan. 31, 2023 USD ($) Sep. 30, 2024 USD ($) Sep. 30, 2023 USD ($) Sep. 30, 2023 USD ($) Aug. 22, 2024 USD ($) Aug. 22, 2024 EUR (â,¬) Jun. 30, 2024 USD ($) Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Payment for early redemption of debt Â Â Â Â Â Â Â $ 5 $ 1 Â Â Â Loss on debt redemption Â Â Â Â Â $ 6 $ 0 $ 6 $ 1 Â Â Â Currency Swap Â Â Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Â Derivative liability | â,¬ Â Â Â Â Â Â Â Â Â Â Â â,¬ 458 Â Fixed interest rate (as a percent) Â Â Â Â Â Â Â Â Â Â 3.72% 3.72% Â 5.125% Notes, due 2024 Â Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Â Early redemption of debt Â $ 205 $ 200 Â $ 26 Â Â Â Â Â Â Â Long-term debt, interest rate (as a percent) Â Â Â Â Â 5.125% Â 5.125% Â Â Â Â Payment for early redemption of debt Â Â Â $ 150 Â Â Â Â Â Â Â Â Repayments of debt Â Â Â 155 Â Â Â Â Â Â Â Interest expense Â Â Â 4 Â Â Â Â Â Â Â Loss on debt redemption Â Â Â $ 1 Â Â Â Â Â Â Â Â Redemption price, amount Â 208 205 Â Â Â Â Â Â Â Accrued interest Â $ 3 $ 5 Â Â Â Â Â Â Â 6.875% Notes, due 2025 Â Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Long-term debt, interest rate (as a percent) Â Â Â Â Â 6.875% Â 6.875% Â Â Â Repurchased face amount Â Â Â Â Â Â Â Â Â $ 23 4.850% Notes, due 2031 Â Â Â Â Â Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Â Â Â Â Â Long-term debt, interest rate (as a percent) Â Â Â Â Â 4.85% Â 4.85% Â Â Â Interest expense $ 12 Â Â Â Â Â Â Â Â Â Loss on debt redemption 5 Â Â Â Â Â Â Â Â Â Redemption price, amount $ 594 Â Â Â Â Â Â Â Â Â Aggregate principal amount Â Â Â Â Â Â Â Â $ 500 Â Â X - DefinitionDebt Instrument, Redemption Price, Amount + ReferencesNo definition available. + Details Name: hwm_DebtInstrumentRedemptionPriceAmount Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 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http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef 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Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name 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http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionGross amount of debt extinguished. + ReferencesNo definition available. + Details Name: us-gaap_ExtinguishmentOfDebtAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of the cost of borrowed funds accounted for as interest expense for debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher 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-Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_InterestPayableCurrentAndNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash outflow for cost from early extinguishment and prepayment of debt. Includes, but is not limited to, third-party cost, premium paid, and other fee paid to lender directly for debt extinguishment or debt prepayment. Excludes accrued interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtExtinguishmentCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for short-term and long-term debt. Excludes payment of lease obligation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_RepaymentsOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CurrencySwapMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FivePointOneTwoFivePercentNotesDueTwoThousandTwentyFourMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_SixPointEightSevenFivePercentNotesDueTwoThousandTwentyFiveMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_FourPointEightFivePercentNotesDueTwoThousandThirtyOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 78 R68.htm IDEA: XBRL DOCUMENT v3.24.3 Debt - Term Loan Facilities (Details) Â¥ in Millions, $ in Millions Nov. 22, 2023 Sep. 30, 2024 USD ($) Sep. 30, 2024 JPY (Â¥) Dec. 31, 2023 USD ($) Dec. 31, 2023 JPY (Â¥) USD Term Loan Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Amount outstanding Â $ 200 Â $ 200 Â Fixed interest rate (as a percent) Â 5.795% 5.795% Â Â JPY Term Loan Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Amount outstanding Â $ 208 Â¥ 29,702 $ 211 Â¥ 29,702 Fixed interest rate (as a percent) Â 2.044% 2.044% Â Â Maximum Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Debt covenants, net debt to consolidated EBITDA ratio 3.75 Â Â Â Â X - DefinitionDebt Instrument, Covenant Compliance, Ratio Of Consolidated Net Debt To Consolidated EBITDA + ReferencesNo definition available. + Details Name: hwm_DebtInstrumentCovenantComplianceRatioOfConsolidatedNetDebtToConsolidatedEBITDA Namespace Prefix: hwm_ Data Type: xbrli:decimalItemType Balance Type: na Period Type: duration X - DefinitionAmount, before unamortized (discount) premium and debt issuance costs, of long-term debt. Includes, but is not limited to, notes payable, bonds payable, commercial loans, mortgage loans, convertible debt, subordinated debt and other types of debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_DebtInstrumentCarryingAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section

50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFixed interest rate related to the interest rate derivative. + ReferencesNo definition available. + Details Name: us-gaap_DerivativeFixedInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_DebtInstrumentAxis=hwm_USDTermLoanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=hwm_JPYTermLoanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 79 R69.htm IDEA: XBRL DOCUMENT v3.24.3 Debt - Credit Facility (Details) 3 Months Ended 9 Months Ended Nov. 22, 2023 Jul. 27, 2023 USD ($) Mar. 31, 2024 USD ($) Sep. 30, 2024 USD ($) Dec. 31, 2023 USD ($) Debt Instrument [Line Items] Â Â Â Â Â Amounts outstanding Â Â Â $ 0 $ 0 Borrowings Â Â $ 0 $ 0 Â Maximum Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Debt covenants, net debt to consolidated EBITDA ratio 3.75 Â Â Â Â Â Line of Credit | Maximum Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Debt covenants, net debt to consolidated EBITDA ratio Â 3.75 Â Â Â Revolving Credit Facility | Line of Credit Â Â Â Â Â Debt Instrument [Line Items] Â Â Â Â Â Debt term Â 5 years Â Â Â Maximum borrowing capacity Â $ 1,000,000,000 Â Â Â X - DefinitionDebt Instrument, Covenant Compliance, Ratio Of Consolidated Net Debt To Consolidated EBITDA + ReferencesNo definition available. + Details Name: hwm_DebtInstrumentCovenantComplianceRatioOfConsolidatedNetDebtToConsolidatedEBITDA Namespace Prefix: hwm_ Data Type: xbrli:decimalItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap_DebtInstrumentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPeriod of time between issuance and maturity of debt instrument, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_LineOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash inflow from contractual arrangement with the lender, including but not limited to, letter of credit, standby letter of credit and revolving credit arrangements. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromLinesOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LongtermDebtTypeAxis=us-gaap_LineOfCreditMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_CreditFacilityAxis=us-gaap_RevolvingCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 80 R70.htm IDEA: XBRL DOCUMENT v3.24.3 Debt - Commercial Paper (Details) - USD ($) $ in Millions Apr. 04, 2024 Sep. 30, 2024 Short-Term Debt [Line Items] Â Â Commercial paper Â $ 0 Commercial Paper Â Â Short-Term Debt [Line Items] Â Â Aggregate principal amount $ 1,000 Â Debt term 397 days Â X - DefinitionCarrying value as of the balance sheet date of short-term borrowings using unsecured obligations issued by banks, corporations and other borrowers to investors. The maturities of these money market securities generally do not exceed 270 days. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommercialPaper Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPeriod of time between issuance and maturity of debt instrument, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=us-gaap_CommercialPaperMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 81 R71.htm IDEA: XBRL DOCUMENT v3.24.3 Fair Value of Financial Instruments (Details) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Derivative [Line Items] Â Â Restricted cash $ 1 $ 1 Carrying value Â Â Derivative [Line Items] Â Â Long-term debt 3,393 3,500 Fair value Â Â Derivative [Line Items] Â Â Long-term debt $ 3,470 $ 3,504 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-5 + Details Name: us-gaap_DerivativeLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2:

http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LongTermDebtFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage, classified as current. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8 + Details Name: us-gaap_RestrictedCashCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByMeasurementBasisAxis=us-gaap_CarryingReportedAmountFairValueDisclosureMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByMeasurementBasisAxis=us-gaap_EstimateOfFairValueFairValueDisclosureMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 82 R72.htm IDEA: XBRL DOCUMENT v3.24.3 Divestiture (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended May 31, 2024 Sep. 30, 2024 Sep. 30, 2024 Engineered Structures | UK Â Â Â Income Statement, Balance Sheet and Additional Disclosures by Disposal Groups, Including Discontinued Operations [Line Items] Â Â Â Gain (loss) on sale of assets $ (13) $ (1) $ (13) X - DefinitionAmount of gain (loss) on sale or disposal of assets, including but not limited to property plant and equipment, intangible assets and equity in securities of subsidiaries or equity method investee. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnDispositionOfAssets1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementBusinessSegmentsAxis=hwm_EngineeredStructuresMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_GB Namespace Prefix: Data Type: na Balance Type: Period Type: XML 83 R73.htm IDEA: XBRL DOCUMENT v3.24.3 Contingencies, Commitments and Other Liabilities (Details) â¬ in Millions, $ in Millions 1 Months Ended 3 Months Ended 9 Months Ended 12 Months Ended Jun. 15, 2023 USD ($) Mar. 31, 2023 USD ($) Mar. 31, 2023 EUR (â¬) Jan. 01, 2023 Jul. 31, 2024 USD ($) Dec. 31, 2023 USD ($) Sep. 30, 2024 USD ($) Sep. 30, 2023 USD ($) Sep. 30, 2024 USD ($) location Sep. 30, 2023 USD ($) Dec. 31, 2023 USD ($) Dec. 31, 2023 EUR (â¬) Jul. 23, 2024 USD ($) Jul. 23, 2024 EUR (â¬) Jun. 26, 2020 transaction entity Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Number of cleanup locations | location Â Â Â Â Â Â Â Â 30 Â Â Â Â Â Â Remediation reserve balance Â Â Â Â Â $ 17 Â $ 19 Â $ 19 Â $ 17 Â Â Â Â Remediation reserve balance, classified as a current liability Â Â Â Â Â 7 Â 10 Â 10 Â 7 Â Â Â Â Payments related to remediation expenses applied against the reserve (less than in second quarter) Â Â Â Â Â Â Â 1 Â 2 Â Â Â Â Â Â Income tax reserve Â Â Â Â Â Â 0 $ 0 $ 20 Â Â Â Â Â Guarantees of third party related to project financing Â Â Â Â Â Â Â 23 Â 23 Â Â Â Â Â Â Combined fair value of guarantees Â Â Â Â Â 6 Â 6 Â 6 Â $ 6 Â Â Â Â Coverage limit Â Â Â Â Â $ 80 Â Â Â Â Â Â Â Â Â Total amount committed under outstanding surety bonds Â Â Â Â Â Â Â 43 Â 43 Â Â Â Â Â Â Surety bonds, amount outstanding Â Â Â Â Â Â Â $ 21 Â $ 21 Â Â Â Â Â Termination notice period (in days) Â Â Â 30 days Â Â Â Â Â Â Â Â Â Â Payment timing (in days) Â Â Â 120 days Â Â Â Â Â Â Â Â Â Supplier Finance Program, Obligation, Current, Statement of Financial Position [Extensible Enumeration] Â Â Â Â Â Accounts payable, trade (Q) Â Accounts payable, trade (Q) Â Accounts payable, trade (Q) Â Accounts payable, trade (Q) Â Â Â Â Supplier invoices subject to future payment Â Â Â Â Â $ 258 Â $ 251 Â $ 251 Â $ 258 Â Â Â Â Letter of Credit Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Maximum borrowing capacity Â Â Â Â Â Â Â 91 Â 91 Â Â Â Â Â Â Other Noncurrent Liabilities and Deferred Credits | Separation Agreement Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Guarantees of third party related to project financing Â Â Â Â Â $ 1,131 Â 1,131 Â $ 1,131 Â 1,131 Â Â Â Â Lehman Brothers International (Europe) (â€œLBIEâ€) Claims Â Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Number of entities | entity Â Â Â Â Â Â Â Â Â Â Â Â Â Â 2 Number of interest rate swap transactions | transaction Â Â Â Â Â Â Â Â Â Â Â Â Â 2 Judgement from legal proceedings $ 40 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Payments for legal settlements Â Â Â Â $ 25 Â $ 15 Â Â Â Â Â Â Â Â Foreign Tax Authority | Ministry of the Economy, Finance and Industry, France | Tax Years 2010 Through 2012 Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax assessment, estimate of possible loss Â $ 17 â¬ 16 Â Â Â Â Â Â Â Â Â Â Â Â Income tax assessment, amount of penalties cancelled Â Â Â Â Â Â Â Â Â Â Â Â Â 7 â¬ 7 Â Income tax reserve Â Â Â Â Â Â Â Â Â Â Â Â Â $ 21 â¬ 19 Â Â Â Recurring Costs of Managing Hazardous Substances and Environmental Programs Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Percentage of cost of goods sold (as a percent) Â Â Â Â Â Â Â 1.00% Â Â Â Â Â Â Income Tax and Interest | Foreign Tax Authority | Ministry of the Economy, Finance and Industry, France | Tax Years 2010 Through 2012 Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax assessment, estimate of possible loss Â 10 9 Â Â Â Â Â Â Â Â Â Â Â Â Income Tax Penalties | Foreign Tax Authority | Ministry of the Economy, Finance and Industry, France | Tax Years 2010 Through 2012 Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax assessment, estimate of possible loss Â 7 7 Â Â Â Â Â Â Â Â Â Â Â Â Additional Interest on Income Tax | Foreign Tax Authority | Ministry of the Economy, Finance and Industry, France | Tax Years 2010 Through 2012 Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax assessment, estimate of possible loss Â $ 2 â¬ 2 Â Â Â Â Â Â Â Â Â Â Â Â Alcoa Corporation Workers Compensation Claims Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Letters of credit, total amount outstanding Â Â Â Â Â Â 48 Â $ 48 Â Â Â Â Â Arconic Corporation Environmental Obligations Â Â Â Â Â Â Â Â Â Â Â Â Â Loss Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Â Letters of credit, total amount outstanding Â Â Â Â Â Â Â $ 17 Â $ 17 Â Â Â Â Â Â X - DefinitionAmount Committed Under Outstanding Surety Bonds + ReferencesNo definition available. + Details Name: hwm_AmountCommittedUnderOutstandingSuretyBonds Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionInsurance Annual Coverage Limit + ReferencesNo definition available. + Details Name: hwm_InsuranceAnnualCoverageLimit Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLoss Contingency, Number Of Entities + ReferencesNo definition available. + Details Name: hwm_LossContingencyNumberOfEntities Namespace Prefix: hwm_ Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - DefinitionLoss Contingency, Number Of Interest Rate Swap Transactions + ReferencesNo definition available. + Details Name: hwm_LossContingencyNumberOfInterestRateSwapTransactions Namespace Prefix: hwm_ Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - DefinitionNumber of cleanup locations. + ReferencesNo definition available. + Details Name: hwm_NumberOfCleanupLocations Namespace Prefix: hwm_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionPercentage of cost of goods sold. + ReferencesNo definition available. + Details Name: hwm_PercentageOfCostOfGoodsSold Namespace Prefix: hwm_ Data Type: dtr-types1:percentItemType Balance Type: na Period Type: duration X - DefinitionSeparation And Distribution Agreement, Surety Bonds, Amount Outstanding + ReferencesNo definition available. + Details Name: hwm_SeparationAndDistributionAgreementSuretyBondsAmountOutstanding Namespace Prefix: hwm_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSupplier Finance Program, Agreement Termination Notice, Period + ReferencesNo definition available. + Details Name: hwm_SupplierFinanceProgramAgreementTerminationNoticePeriod Namespace Prefix: hwm_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionTotal costs accrued as of the balance sheet date for environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash outflow to settle environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesPayments1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable in twelve months or in the next operating cycle if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-11Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 + Details Name: us-gaap_AccruedEnvironmentalLossContingenciesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe current carrying amount of the liability for the freestanding or embedded guarantor's obligations under the guarantee or each group of similar guarantees. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-4 + Details Name: us-gaap_GuaranteeObligationsCurrentCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionMaximum potential amount of future payments (undiscounted) the guarantor could be required to make under the guarantee or each group of similar guarantees before reduction for potential recoveries under recourse or collateralization provisions. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-4 + Details Name: us-gaap_GuaranteeObligationsMaximumExposure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value portion of guarantee, including, but not limited to, financial standby letter of credit, fair value guarantee, guarantee of collection of scheduled contractual cash flows from financial assets, and contracts that contingently require the guarantor to make payments or perform services. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_GuaranteesFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionEstimated amount of loss resulting from an adverse tax position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15 + Details Name: us-gaap_IncomeTaxExaminationEstimateOfPossibleLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of the additional liability or refund received or expected based on a final settlement with a taxing authority. + ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxExaminationLiabilityRefundAdjustmentFromSettlementWithTaxingAuthority Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to increase (decrease) in income tax contingencies. Including, but not limited to, domestic tax contingency, foreign tax contingency, state and local tax contingency, and other contingencies. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (a)(8) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap_IncomeTaxReconciliationTaxContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe total amount of the contingent obligation under letters of credit outstanding as of the reporting date. + ReferencesNo definition available. + Details Name: us-gaap_LettersOfCreditOutstandingAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount awarded to other party in judgment or settlement of litigation. + ReferencesNo definition available. + Details Name: us-gaap_LitigationSettlementAmountAwardedToOtherParty Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -

DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingenciesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of cash paid for the settlement of litigation or for other legal issues during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PaymentsForLegalSettlements Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of obligation for supplier finance program, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-50-4 + Details Name: us-gaap_SupplierFinanceProgramObligationCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes obligation for supplier finance program, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-50-3 + Details Name: us-gaap_SupplierFinanceProgramObligationCurrentStatementOfFinancialPositionExtensibleEnumeration Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionPeriod when payment is expected to be made to finance provider or intermediary in supplier finance program, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-50-3 + Details Name: us-gaap_SupplierFinanceProgramPaymentTimingPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_CreditFacilityAxis=us-gaap_LetterOfCreditMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=hwm_OtherNoncurrentLiabilitiesAndDeferredCreditsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TypeOfArrangementAxis=hwm_SeparationAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_LitigationCaseAxis=hwm_LehmanBrothersInternationalEuropeLBIECliamsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeTaxAuthorityAxis=us-gaap_ForeignCountryMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeTaxAuthorityNameAxis=us-gaap_MinistryOfTheEconomyFinanceAndIndustryFranceMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TaxPeriodAxis=hwm_TaxYears2010Through2012Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_RecurringCostsOfManagingHazardousSubstancesAndEnvironmentalProgramsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_IncomeTaxAndInterestMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_IncomeTaxPenaltiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_AdditionalInterestOnIncomeTaxMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_AlcoaCorporationWorkersCompensationClaimsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_ArconicCorporationEnvironmentalObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_IncomeTaxAndInterestMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_IncomeTaxPenaltiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_AdditionalInterestOnIncomeTaxMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_AlcoaCorporationWorkersCompensationClaimsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_ArconicCorporationEnvironmentalObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_RecurringCostsOfManagingHazardousSubstancesAndEnvironmentalProgramsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_IncomeTaxAndInterestMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_IncomeTaxPenaltiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_AdditionalInterestOnIncomeTaxMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_AlcoaCorporationWorkersCompensationClaimsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LossContingenciesByNatureOfContingencyAxis=hwm_ArconicCorporationEnvironmentalObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: EXCEL 84 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (#R-9ED'04UB@0 +$ 0 9&]C4')O<', O87!P+GAM M;$V./0L",1!$_\QO;=!P4)B0-!2L+ (/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " \C699?C1U/>X K @ $0 &1O8U!R;W!S+V-O&ULS9+/ M:L,P#(=?9?B>*'9##B;-I6.G#08K;.QF;+4UB_]@:R1}^R59FS*V!]C1TL^? M/H%:'4.*9]3B)C(8KX;7>^SU''+3D11 F1]0J=R.27\U#R$Y!1-SW2$J/2' M.B*(JFK (2FC2,$,+.)*9%UKM-0)%85TP1N]XN-GZA>8T8]O24@9<<6#=/ MC.>Q;^$&F&&$R>7O IJ5N%3_Q"X=8)?DF.V:&H:A'#9+;MJ!P]O3X\NR;F%] M)N4U3K^RE72.N&77R:^;W? W^@76B$G7!>5$U>R%DS67=O,^N/_QNPBX8>[#_ MV/@JV+7PZRZZ+U!+ P04 " \C699F5R<(Q & "<)P $P 'AL+W1H M96UE+W1H96UE,2YX;6SM6EMSVC@4? N^OT'AG]FT+QC:!MK03621A'^_1S80RY8-}NIL\!"SI^\Y%!.^7H.'GS[BYBZ(:(E/)X M8-DOV];[MR_>X%#BVR]*+ M41B1%G\@M MNN01.+5)#3(3/PB=AIAJ4!P"I DQEJ&&^+3&K!'@$WVWO@C(WXV(]ZMOFCU7 MH5A)VH3X$$8:XIQSYG/1;/L'I4;1]E6\W*.76!4!EQC?-*HU+,76>)7 \:V< M/!T3$LV4"P9!AI@S M&L%&KQMUAVC2/'K^!? F<-0HACA*FNVB<5@$_9Y>PTG!Z(++9OVX?H;5,VPLCO='U!=*Y \FIS_I,C0' MHYI9";V$5FJ?JH,@H%\;D>/N5Z> HWEL:\4*Z">P'_T=HWPJOX@L Y M?RY]SZ7ON?0]H=*W-R-]9\'3BUO>1FY;Q/NN,=K7-"XH8U=RSTS0LS0[=R2^JVE+ZU\@K2*A M]+', <$X>RPP[9SR2';9WH!TU^_9==N0CI3!3ET.X&D*^ VVZG=PZ.)Z8D;D* MTU*0;\YZ<5X&N(YV02Y?9A7;>? 8T=']Y\%1L*/O/)8=QXCRHB'NH8:8S\-# MAWE[7YAGE<90-!1M;*PD+$:W8+C7\2P4X&1@+: '@Z]1 O)256 Q6\8#*Y"B M?$R,1>APYV= <7^/1DN/;IF6U;]\I=QEM(E(YPFF8$V>KRMYEL<%5'<]56 *P MOFH]M!5.S_Y9KF4Q9Z;RWRT,"2Q;B%D2XDU=[=7GFYRN>B)V^I=W MP6#R_7#)1P_E.^=?]%U#KG[VW>/Z;I,[2$R<><41 71% B.5' 86%S+D4.Z2 MD 83 >LX=SFWJXPD6L_UC6'ODRWSEPVSK> U[F M$RQ#I'[!?8]*@!&K8KZZKT_Y)9P[M^OQ@2";_-;;I/;=X Q\U*M:I60K$3]+ M!WP?D@9CC%OT-%^/%&*MIK&MQMHQ#'F 6/,,H68XWX=%FAHSU8NL.8T*;T'5 M0.4_V]0-:/8--!R1!5XQF;8VH^1."CS<_N\-L,+$CN'MB[\!4$L#!!0 (M #R-9EG1GH;S=@8)DE 8 >&PO=V]R:W-H965T&UL MM9K]<]HV&,?_%1WK[;:[$BP)2-(EW!%*6FY-0D.V7K?;#\(6X*MM,5DFR7^_ M1[9!22<+E\Y(?CM^5I?O3S^6-;%HY#?TA7G"CW%49)>ME9*K=]U.JF_XC%+ M3\2:)W!F(63,%.S*92==2\Z"/"B..L3S^IV8A4EK<)$?F\K!AQU=BI!&/,D#46")%)< MMH;XW8B>ZX#\BC]#_IB^V$;:RER(;WIG$ERV/%TB'G%?:0D&/QL^XE&DE: < M_Y:BK=T]=>#+[:WZ=6X>S,Q9RD2[%QU!UH&T-QH M4;+(M>*1K*<_('7XK-B?(Z]K"7Q6'[NJ'YGJT0F^@B>)Q M^H^MP@K!KEU0#\MWZ9KY_+(%XR[E>^ZU ?O MA9_!B%7HX7G-;4[=X=AK?[992,.M!>?V>O7_>E,M0!'I0(D@+UL9S*^V&8>4X=,8?Z/-TY_.T9L^4 M#)XH^;"L;D>WUH)%]:4AG6$'&CS&3QS%JI,.]=AQ-%M%L^YM!ES:^ V[6// MYLP9=Z"S\YVS\SK.[ODR3!6TGD*W++9V4+?.Q[LO-^,'-!S?W\VYP]$836Y' M)S:S3ID#S6+//%Z].G8GB2\D],_\"? (6S10,2B0D&HDL4?(9?@-K'>Q1?S^V M.78''6KY!5'@.I8?V!.:!#!(PT7H%T_.ZIZ\1Y+TVA[%IV?$VIW=P8?Z)<8O MJ>-W& 2@GK[=;J <$^X2>[NZ)8F'T21E M6@>&DK 31/Y7!R.]! W[03PF5O]NN6FH5#K/Y')E]=H$%&%#1=C--=][W0WF MJ12;,/'M#>[6G ZM1IM)6Q8";L)YWNC4Y$J%]&_PG5UOG(KXA[!I-T[.R56 MNTV@$S;LA-W(D_?9(;P+5[MS"W2QW583I(0-*F$WWWP2/C3:=*42%TKL$>GU M:!N?=^VIIPE0PH:4<"U4&F52:B(L,#!,EOFXS.ROM&[%K]87X9$[ZE"?AIMP M+7":)/#:4DQ^:+1G6^-6GV[%*I]-$!,QQ$1J$9-&7^ C2*U+(9]M[O;H?&)R MR='0]SD(@4Q02%JG%)H)F* B=0"IEG,H@A=92F<3JW]=H].Y9N,.^Y0?P:0 M2"U &L=<+O7 _*:@59-EZSQ-ZT;L%JHTU0$#$41&I1T&P%W.:TYY:IMM<$ M^! #/J06^("Q&&!^IH3_#>@GGSA$=YD".$@":%^KXR.13%D/A5HO5],3U9M! MU^N3OM?OGE]T-C:3!GJ(&U&&,4^"?&[A.F)V+VZ!ZM9K F^(P1M2>%2H_E-%BU2[?<9VKUV 3O$,,[I![O M@$T)%B=)P)_0[]R>:-Q27O(7)6?8ZK,)WB&&=XB;3K9][*[NN8S]\BUV_#F M0>U&FP >:H"'ND&ES*>ISJ?6[PE'HI/R@T(3K$,-ZU!\].\I1Z*7TG\3+$0- M"U$WNCR$*N)(+! FO\Q_13/N9QQ[Q.K;K? 3Z,;R&T%A4<;1&WSB>6@-\)Q_ MT[/601.81%]\4G/SS8-D0?Z"JAS/162U[A;X^.7&;JL)/*(&CZ@;C[9MB<9/ M_HHE\)1-;.]1^CVZ\PZK^L..]2?(2J!INIY L..3EPI*HC(4[IMPE@H@:8 M:/_HJ>I(^%/Z;P*FJ($IZJ:?'TE5;J4W].2TAT99G$4LG[@P7^MSIJ +FJ@B[HIZ0=RF%M(Y[#AS=CN\:B\U7FQ M^$7/,.1K@E+DZRJKQ3J8W='=NJ-AOMJF8RXO%BW=,#U!D:*(+R#4@T[;0K)8 M!U3L*+'.E]+,A5(BSC=7G 57 M2#)Y8M+.^1!;]'-'/G="\]%X]<%W M+(=?'KC((@6/8C.2\&BN#3*TA%UG/$HBY)\,+\JV^[$_(KO59KD[$X0N<^R M2/QSRU+^>#UP!\\-7Y+-5A4-H_G5+MJP>Z:^[NX$/(T+W&2L5PF/">"/5P/ M;MS+)0T*@Q+Q>\(>9><[*:BL./]6/'R(KP=.,2*6LK4J7$3P<6 +EJ:%)QC' MW[730=-G8=C]_NS]74D>R*PBR18_2.)U? 9Z,!V0F#U$^U1]X8_O64VH'.": MI[+\3QYKK#,@Z[U4/*N-8019DE>?T5,=B(X!^,$-:&U =0._Q\"K#;S7]N#7 M!OYK>PAJ@Y+ZJ.)>!BZ,5#2_$OR1B (-WHHO9? 1+:XA7DA>%"YYFL30%)//.R:B(IF2#/=YM(\3:#TC;\G7^Y ,WYP1N8T$ MDR3)R<8QBQ'[T&X_ ML]B/(#)->.AS>&ZIU>$]VUT0SSDGU*$^,I[%Z\T]C,[_ZWWYP[T?!<-K:L4K M_7D]_C[D:YXQTI;,GSREVT9M<#6.DPB(7]#P"ZS\%ER6"].&\U@26)MB M,F1/ZW0O87$ZZV3#0!P2(Q M-H8VUEEQC=H!\[\%R,9X M8HQ#]JK%BXC01-"Q1A>!3'"VTX;MU,KV3O!#4HHQT() %]:.=1)5T@KX1QD7 M*OFW;,!X3XT!C;4YO7@9$IH0ZO@:=3OFB/NLX3Y[*=-*[-=J+Z#F.Z4]7 L& M(D2>D34HCTVQ\(7HC)\98WKK:NQ-B$8L-!%4<[(T(5.NT:LRQ M0@0TF^EK$P*:.'V46SGFVO78\;;4I4R&O^))-O40I3IK$V-6-*+0 EUV8*1) M7T6WXLNUJZ]/4,*6U=C4.IYG,#1!QCH;(J"I;^35! 6T1V6[K;9R)]:3W4W& M][F2Y$8ID:SV*EJED%=.WO/'#-C?,,'+0PQ9\"R#[-\71_\MR'$F(//OSR[1 MR%@%W?<> $_J+3RIM^6IO!UGK]6*KETLM@5Z3FXCF:S1;)A*S?,,U6"'7., M@("FQFD0 05]HMAME:%KEX9=IF&2[A7ZDNBV]C*VCO/1"E9J%ZSES"+# M)"=[&;=)07>]VM6D*T4OIJ[3_=/K$;7QM0-ZB*#HA:..+6 3E7M">TPEM=2RU MZ]AZRKTV"/0'@H#9F$$P41 $_6B*H" (??.R%;C4_A;TY@!'M VK]D!)/N^5 M5'!(+FKT)-Z"T_J;7DJ;\>Y:24YM4OR=HY6EQ-X79K2V'?TUR,8 MR-65^&L\+5_P=,RT5>+4KL2+]&U53$ONOH7#&0,>%9^W;((9&X!@-\?.%?/#T4'S87N_#]0 M2P,$% @ /(UF645RY:/Z P P@X !@ !X;"JW;W)KB#XPTMMB5 M2)6DXVR_OD-*T=H2XZ:M7VR).G,XY\54E@6;6]"S* B&?DD9]^93.W8OYU.QU07C<"^) MVI8EE5]OH!"[F1=Z+P.?V";79L"?3RNZ@0? 0GZM[B6]^RY*Q$KAB@A,)ZYEW M'5ZMPL 86,0O#'9J[YF84!Z%^&>);K.9%QB/H(!4&PJ*?T^P@*(P3.C'GPVI MU\YI#/>?7]A_M,%C,()4P4(4O(),YS-O[)$,UG1;Z$]B]Q,T 0T,7RH*97 _) MKL$&'DFW2HNR,48/2L;K?_K<"+%G@#QN@Z@QB+H&R2L&<6,0OW6&I#%(WCK# MH#&PH?MU[%:X)=5T/I5B1Z1!(YMYL.I;:]2+<5,H#UKB5X9V>OZ@J09,O"9B M31:"*U&P#((HBM^N M'Y66N.1_=^6^9D_<[&8?O%(536'F(;$"^03>_/OOPF'P@TOX4Y(M3TFV.A'9 M08J2-D7),?;Y!SQ0F,V%*P&U[=#:FG/C:1[']=1_VM>UCPG'XT/,LH\9)^$A M9M7'#*))BSD(;M &-SA:?Q]U#I*D!X7'FMVH$$J=OR<<;'%J^DS.;L^O7"(, M3EF%BI1R;GI)L=2*R@T0-VT0-CU;A(J=\8W)#MEQ^*C:< 87GB$D.[@U;*ADM MB,D8H3PCE60*GQT@:5 'H'#FFEL/0I[^&A!JJ8;,6!A:Z 2N,V 9K+>CAH; MYX%3>SK8K]5.Q?<18= I> =DT*EW!^25N*[M-:,S?A>+4+'^-)!1:+Q?V,<<+YD@#0"_KX70+R]F@O;:.O\;4$L#!!0 (M #R-9EG^C"5+EP8 .@; 8 >&PO=V]R:W-H965T&UL MK9EM;]LV$,>_"N$5A0NDM419LITF!E)W:[NU:Y:LVVM:HF.ADJB2=)Q\^QTE MVWK@B6FQOO'CD?H?=7>_(W6Q%_*KVG*NR4.>%>IRM-6Z/)],5+SE.5.O1,D+ M^&SM.#7DJA=GC/Y M^(9G8G\Y\D?"V[2NZTV/TR6%R6[X[=7!FS11?B>S?--';R]%\1!*^8;M,WXC]>WYP*#3SQ2)3 MU2O9U[:S:$3BG=(B/PP&!7E:U. LX; 0K0'^=& /0R@WSL@. P(*D=K995; M;YEFRPLI]D0::YC-?*C6IAH-WJ2%N8VW6L*_*8S3RY4HE,C2A&F>D#N=\O+5R3PS@CUZ!09OG(/?\MC&.Y7PX/N\ EX?G*?GMRGU7S!D/L[*7FA M"5.*:W6.^5-/,,4G,%EVKDH6\\L1I)'B\IZ/EL]_\2/O->;=3YJLXVMP\C5P MS;Y<,;4EK$A(;#[P;[OTGF7@/'H7ZZFB:BI3"NZ7TUEX,;EO.V/;1+YWLNEH MG)XT3IT:;WC,0=8ZXXILI,@/*<"E.B/PFR(L@\)C@E01L2'/GO\RISY];6)R M+?2VBJK*1Q,? 9/S["\RW6D+8TCT+9SW?;)NHY7_'M_#D6^CT[;/><@FE[^0A MIBVTKNO/>](0DQFN+#HIBYS*/A3W$ =*IK"JXS_0-8OLBRX\VE.&&,VB@6; MG;3-G-JN)2]9FA#^ .12(-# <75$M9=Q)7DSUS!)$T5/-&(S7>"YR?-D, 3XB,;" EG5L!^EF!&=X]]XZ&5YQ3^3HAD#_!!P>-9EYQZTWYBHU;! M0)#Z+8SZ3F%O^8;#[4Z@$L50KXAF#WB"'^;IW,]^2"(VTX$[[C>D\YUP@237 MK+A+3>&I[BXJCMH7GD_[ZFRCT!M:P 9.OIM.=74L1-%-&S+^A,;@839W:B-& M_F(H!AM$^6Y&U=D]G-6^S0[?"ZT$0L9T9(EG(S_PJ/')M7"MRH%8C2G M [>GP9GOYADHE3NH$U E#-!8O9F!VBNY3B4WQ1?^4P.AA3C'6?.";U)#Z5]QL<@VBO8+ &84#2UH@T]WFT=I=9; MA1(J:JO /JG;WF-9;1!BLQB@ VTX1MT$V# M_GX-,0I"?\"AG#43;@ZZ9Y*-AM2$31)?8& (57N'U%78L(RZ6;82A0:$\2(^ M+BN@+$^UB0TUU#.XY\0['(*> ?W_B;I^-U2D"V=K^%[L<]C677$IJBL0M662 M;T66<*FJHY39ZVH/J'_QHS G=' X+.PGS=8]#6@H&[CI>RV/J:2TB+^BAV V M1ZT0==MTM36H#=RH74$X0GD=%H9L$+T^J3"CH?.YH$%JX$;J50)E!VJ_X2HK M4TAU5*!-R2"81WV%B%4TU&('K7-.-TMON&;P4T*@)2D@S_$#3F0#.0W['$6L M_!D=6L2&H\&3'-WENZPZ=#^<9<%V %+1DTPHJ$,?T#H4V+A\Z<\6_5T M:C8/AJ0W7 W<7*VK>UTD4'DV%J>A9ZTK8N4% \>808//P(U/"SVG4ZT!L9%U MA(UMU5$S>ZL^:3V&,<_ /C%YEQ:*9'P#X[Q7,W!7UH^5ZB]:E-63F;706N35 MQRV';:LT!O#_1@AJ_&(>]IP>[BW_U!+ P04 " \C699I[8%_T@" O M!0 &'AL+W=O2ND9D4>]V:VR,W**ZEQ9L&MVE8/S>HS&;"1NQUXU$N&Q\V>)%W8HES]$_= MS)+%MRR5;%$[:318K"?L>G0US8)_=/@N<>-VUA R61CS'(QOU80E(2!46/K M(.BWQBDJ%8@HC-\#)]M>&8"[ZU?VNY@[Y;(0#]=& 9"5;R;L,X,*:[%2_M%L M['GYR+PE4:Y^(5-[WOYA4&Y36;, &;V(+BZA-1%,V4H=7G'M+IY)POI@:[8R2E?!8P8U0 M0I<(\U@_QRLM5I6D@Q,XG@F+VC? H92G4"7R"I_DM'!^=P!%(#0]2*7H4EW-/ M,05F7@[WW_3WIP?NGV-W!EER"FF2GN^!3]^'WV))\%&$9V_AG)38RI%NY4@C M7W8H'$]"4)%Z,#7<24UR2*%@9IR,5??S>N&\I=K[M2_5GOM\/W? HQRO7B1(G MC!K.H5TC*SY^&(V3K_L2_T]D;V3(MC)D[[$7CUBB7(N%0@>U->U0B6C=*0A% MG1_*9.]K][SCR!LFR+I(S>L]CSY8OE/.890\"+N4VH'"FC#)V>4%]NW M9V]XT\4*7QA/4<9E0Q,-;7"@\]H8_V]$IMG.R.(O4$L#!!0 (#R-9EG^ M&/M0W@< $PB 8 >&PO=V]R:W-H965T&ULK9IM^.X M$<> "N$>"@>(UQ8IVTF:&,@ZN^@6W;M@CU75S[5ZNKD6M"UZQ>XE47994OGYD MA7B^&26CMPO?^.-.FPO3U?6>/K('IG_;WTOX-NU[R7G)*L5%A23;WHQNDZMU M2DR#QN)WSI[5P6=D7-D(\=U\^9+?C&9&$2M8IDT7%/X]L34K"M,3Z/BCZW34 MW],T//S\UOOGQGEP9D,56XOB/SS7NYO1QOCE;$OK0G\3S_]DG4-STU$F"M7\ M1<^=[6R$LEII47:-04'}J_8_?>D&XJ !]-O@+L&>-@@#30@78-FY*:MLL:M M.ZKIZJ*9R2--?1F/C1CT[0&;WAEIO%!2_B50SN]>M!4,Y@6C<06K46E1,%S MN)2C-54[]!FF6:%Q7=$ZYW#U#$W0;P]W:/S3&?H)\0I]Y44!TZ&NIQK4F#ZG M67?GC^V=<>#.E^BKJ/1.H4]5SO+C]E/PHG<%O[GR$4<[?&#[#XC,SA&>X=2C M9_WCS4E$#NE'EC3]D4!_O^R9)I7CVVHU'SZ"SRF>.,0BVDI1(M'.\3VE<^?^7M.VSMU=C1"BWZ$%M%INV/0: <9IFU6K'-%2 M2,W_;"[X/&^[FQ_,$IZ@YF,VQSI7/8ZER=T;IF4,#MOLT9?_MJZ=R;7 [D MN2:7V*_NHE=W$57WC2DMZTS7LEGQ,(Q"[YA$V8[*1[_"W>,A@O"-;GPR[SL M95Z>7*- ^X+_"0-I5-95_[402OF57CHRDHN!4H_)TB\UF5DTS4Z*A47(1&+;6\\$FB)/ZK]'FOWHY\V!(ZB>)M]:7*(4Y!*S)4$P=V?,$LPR49M:;D]?392PO.Q(7G9.'$B<=H'@*7 MA6P2I^Q L:R9'7.O5)>>DQ0/I7J,DD"D8,M8'&?L^$VK"1"KNBFNSLVE+K.= M*KJPBJ7)?."!QR94)&"+7AQ'[WU?%U1:\DVM0[M1[#)U0LA0HLNS":PU;.F+X_0]C-P#I0>X\\IUN3O!LZ%>GU%H M^BV> <7S3N8YMW+Q:4[>F=JI9CU&:DH!6"SHLIMOHB0!^U[WE M> 5V[+1%)HXC\S;/VR+(:,;TC-0;V(7A?.9$T2NT2PP+1:6. [+;VQ?2]BG MO0$1T-*>%[S5RB'!'MI=S)RDY[$BRT5 M(4B/@5%$,:5JB&B6+,I4D&=/L8- M5;HVH7&U%,1Q"MY+5O*Z-*R&F@,&DU%9O![N/*!,C@ZPAWB.%)!E&LL]F0<&G5@15>$OE=OQTY,A)(X0M=TSS4MVBU$WAXB MH/':FS.)9T.)D^%&S6>5+ ('M,22E,1)>IQ\8%^)%"V:Y'-P=+*I%30S1XUH M?'[<7JSZ3$))7Y+51*G:O#PB;A\'!XL>DQ"&=$BE,01>KQ">1_\)U:H MAXEXYHR?CYR+0)&;6G:F<79^:H[FM3WDC5G9PBJ<8:RIAS-;-7 J_/VD8M) MCT\0(U47'-(8XNO.(_]).^/:9 M9%C<^*S(([#W4\O9-,[9]0]+1U2C#7OD566B#N:T/8[W>N0Y+G:*'H_1,O3D M);4H3N,H_FO^,/F%?6$.(\ATZ4S-1XC/!]X,CUX+E\R^=B\KJ!0VK"^T7+?;- MT_^-T%J4S<<=HU!0&0/X?2N$?OMB;M"_0++Z'U!+ P04 " \C699&:.2 M,!T* !$;@ & 'AL+W=OI-4==N M%6SVY7LS%Q,[05M*S'5&#R DYE_O\)V&^O# M"B3O]$VW[4C/D71>"SBOL:^?B_)KM>*\=OY89WEU,UC5]>;#<%@M5GR=5.^+ M#<_%7QZ*^US>7M=;.LLS?GG MTJFVZW52_OF)9\7SS< ;?'OA+GU83=#6W? @++957:P/G<4(UFF^_S_YX[0)QT\B=AB?Z1 <.@1=AS0Z=!BI':[.=!@?.HR[SF%RZ#!1.I!S M.DS5#I,S':X.':YV5(GM]=E>)R436M!:Q[L%+3K+7*>YHW8 M[^M2_#45_>K;^SJIN1!O[10/SFR5Y(^\>>=<.C_?SYV+']XY/S3-?TJS3&BWNA[68E ->K@X#.#3?@#^F0'\ MMZB3S-!M9N_V6;PG>%F*P>M.@75 IM>286K+K1LZDEN4+<>RNN',A\KE[]* [99^Z;]]]J MR):\K/[^;5_Z[:[(,D<<^YZ3B[EYQST1R%WYF4-])6Z%(5GC5J7^$A82$2%B%A,1)& MD3!F3;BDN_%1=V/K\7N65"MGF3ZE2YXO*W'YN<@2<4KYP22W,?+HC(3-D; 0 M"8N0L!@)HT@8 \$D"4^.$IY8MT[E^O#R_-70)RNHKX(G^OFT\TE?+ M&ZDRM(ZAKPR1L- P?**45TPSU,HKR$%1)(R!8)*Z/+T*,Y>-[;#< M76V(2XVDJ6X:"*NMM)$O;ZPA^LK)2@MA-*B#JL10R-2*(VA:++P3OP+K\-Q M\[!WI56U%1<9D@*=39:<,28_1T_'JM"M(;O+40D+31,0-W4C'/4Y(4<%872 M&(HFRZMU&##R[Q1#F2\5?N.>;]PYQ=_X", M@VGP$_6T*#:T\H*I$!"I\@,,2^]ZLXGTKVW^0I*):9U& M:I*A7H$AIIYDO8TAR:;!3WTUR7HKCY! 33*T&F^(*9+L3L\DN2VT>\%WM),\ M9'EX!J7-H;002HN@M!A*HU :0]%DN;=%?\]>];<;2YY> [O6F4W7K@E;XH;00 M2HN@M+C+XE)H2(:BR6)K* V>M0K[.HOIP)0V^D 1X(6\Z&T$$J+H+082J-0 M&GLA\;(&VU*]-X'931ZT6@^ES:&T$$J+H+082J-0&D/19#&W3H!GMP)Z&$]V M4F\M&TKBR@?CYM"((90606DQE$8[K"U#191UUU#H$GMTC.&]!>:;RN58I@U;_ MH;002HN@M+C+XE)H2(:BR9_:;@F_W$/J85[Y>4/>(JCRH9P"EA5!:U&$U8FA$"J4Q

M%$T67NLN^'!WP>_D+MCC]E9@!W?!T,9P!T,G=\'0RN N0*?(##$M[H+?N@O^ M*]R%TUM4S$DV5/%=,E&3#'47##'U))OZMN^"_Q5WP]0+X
MZ=U@!U5"W04H+832(B@M[K*X%!J2H6BRV%IWP?\+ W 5?+S(3[10):BY :2&4 M%D%I,91&H31FS[NLP-9;\''>@@_U%J"T.9060FD1E!9#:11*8RB:+.;66_!A MWH*=U%O+AOJW>EL+-&
((I4506@RET0YKRU 19=VUWH+_6F_!-WWNWE7-!3N^ M]U8(-1>@M A*BSNM+H7&9"B:_,41K;M _F)W@1C*Z40K\MI'T5>14%IHFH'R MP Z'7R4: *"NH:0&DAE!9U6(T8&I%"
M:0Q%DX77N@;$[AJ\X9878BAS!^I=?/;PO86(I(6&"7CJQF::HZ?*"SDJ"J4Q M%$V6U\DW+]DM"[LI%1AE9? %1JYVQ,1^BZL7@5Y#I6!6,WLH/
M1LH4*72*S!#STIM9+V5[ZFM*'2*S!"S<1(/);FMTI/1=S2E"+*F//(/2YE!:"*5% M4%H,I5$HC:%HLMQ;GX#8?0*[*44,A6'-$;!'Z*U*J", I4506MQE<2DT)$/1 M9+&UE@"Q?S70JTRI _-
TF<;:J3>TX@^EA5!:!*7%4!J%TI@][[("VSH^F<), M*0(MY$-IIEFZA MXZ)0&D/19)VUSD!@=P;Z6%*!H9*NNN[V<+T%!74"H+2HPVK$T(@42F,HFBR\ MUC,([)[!&RRIP%3D5N_ELX?O+43HKRY
:5&7Y8BA(2F4QE T68DG/ZE@]S9> MX5X=B-*/K^CNE3UN;PGJ,35CPS0NS;TR-#*X5X96!O<*.D5FB&ERKX8G/U[5 M_+]:3TGYF.:5D_$'T<]]/Q%OA7+_DV7[)W6QV?V>U9>BKHOU[N&*)TM>-
@W$ MWQ^*HO[VI/F)K.,/Q]W^'U!+ P04 " \C699F>-/V;\" #0" & M 'AL+W=ONJY(,"JIZH@2.)RLA"ZIQ*]>N*B70U(**W/4][\HM*.-..+&R
MA0PGHM(YX["01%5%0>7+#'*QG3I]9R>X9^M,&X$;3DJZAB7H[^5"XLYM65)6 M %=,<")A-75N^^-X:/2MP@\&6[6W)B:2!R$>S>9;.G4\XQ#DD&C#0/&U@0CR MW!"A&T\-I]..-
,#]]8[]BXT=8WF@"B*1_V2IS];.M4-26-$JU_=B^Q6:>*R# MB!*Y"S%TY3Q73+^2BX1*&4HNR<6"TOR MB;PG+E$92M7$U>B9X7>3QHM9[87_BA!/^CP)SH?'G2%\W_6XW^V?
I",H.V1P/(-7N&+1%'@ M-WV!;5&IE)0@ZT)?=A6ZIAI9*G-);4*OU[^:N)O]['4I>3>'2O,N)?^(*>XT M-VJ5#N(=M/$.3L:[P+L*I,3&CW*J%+GMBO,DA;G=QZJD"4P=O+X5R TXX8=W M_2OO%5V 7-
O9J$@B*J[K+[&5MN/WUDZ=(_FL/X[Z'?(YCNMZ MNOZFKV?]'95KQA73985HFO-X(79;U_*R#P6I1V0#P(C>/&+C^Y0)1%/!%)*HUTF%*F0E-?NK[]GAI163AS#N"_V2N*\/_/,2&=['S[&'5%2
MMZUU\7RV2ZE[M5C$:D>MCG/?D<.3QH=6)UR&[2)V@70M0JU=K);+%XM6&S>[M.)-[5^'BS/?)&D=70<6^;76XNR3K]^>SX]EPX[W9[A+?6%R<=7I+UY1^[ZX" MKA:CEMJTY*+Q3@5JSF?
KXU>7IWQ>#OS+T#Y.?BN.9./]1[[XM3Z?+=DALE0E MUJ#Q[X;>D+6L"&Y*CIGHTD6G/X>M+^5V!'+1D=ZX^T?!DZ[\]D/,U53HWN; MWOO]+U3B>
<[Z*F^C_%7[FEIG9+CZ7OBEE_#_4J'_N2!F7*)AVDCFJ'TX2I' Q^Q9\L];@)63UJZOFDF:# M ['?1%,;'0Q%]?UWW_RP6BU??q&Y.'ZM?%)1LNS-[[MM+N;/"P/]O3E/=^' M#MG..{}
(0(C*ML7Y/2UBI=?T 3ROTC54'4Q&3<5GEG[SA4 MQ]1@04]5'P(_^%*@I@!+CBJ*$;RG-G=H8 ?&XT,J>=5H$Z ML@<2]R3@XY>O M([1'D(RD%FP#ZYN>HAY8(K]G=:P-K&R/O;P M$IY^Z@W7
U705>5[)^7L4+O*=!8GMN208FOE.76'?*G?G1B7[$@QUBV33AI%!R^/U'YGJMV0 MKOAHOCB\N71#(6'8*]UR\KA;D#VZ,;Z/C(T8^Z\5:(]&X$ZQ.D;3&!P#^!$] MKQ;\DQWE-N*V ,R-
KU4WX:$Y:$3..+"6:O.\5%),IRI^XJ9RMMZ=,RWJ+:I=>5O[S$6 M.8P* M^>)$FR'["^6IP./&DVOKX3ZL#R M0>6J.#W]7?PRJK,"M#WLQ$8.2J=)LZZ@ C%N-W);K!T'4%H1EHRX\$/_Y]Q;B
M< 4;4F52CBQ@,1)H :%)R./2$VL;*CRT8+Y];P*,1 3-CK9"7(Q4""*FKV=@ M4H$@'5_JX+C;, W;,:;9\0 G>(C'D0M*7EZ>O%3OUO]6S&^6+0&= M$2[$W'=LOIPT$EC3QP4MK-&6%B(:&S^3Y^5
M8KJID@I"D'OU!-9?4&GO1. MV P+.2+V'>_WZF!R!U[_HA(P4\;(?#@W#1(-:B,DD2.MN&,"0[4T>?*3 8B M!7EAX5#&A21/G61:F=.HM2CEYTV?$,R(>8P28^0(G.># 5RAD5/1R<2&UKZ!
M54B$/""QT7=G'B_F 8H_FWO#!HZEGKDR&D9Y9@J=CI7L,7^ZF8GB\&M#)+"S)&V0K@Y7K 06FU<;#,M/F&)F_)G MGE*<44:!8(.["P0"0^-E"T^J/-'KSH:^W91TB[$Y.D1O0>=!_%AJ
CKY8P7YL[<,"Q4!Y(: M%K?\!"%:+7O" ?QSBKZDXISV 9E-6;6*V-0(B[>Z"AYL[3P/B?MFCV"7WZL! M>[Q;HE%&0,W5NT/"N9M:#=;B0;9!!B=9[*-@W?*&"K1KQYM1?I67-Y\;;="P M5IHSY>8 D?
$FE2D#BV4T_%P8@Q%[T"W<-84K/^:^D'TX UK*C!-5>B+PA(JD M0@/L647G$V^/LI45S(%T,.$B31?N85:7\:8 MO+YCMF[E(T54LISF-_GQ[O@=9)U?_P_'\T>4=SIL&3"6&H@NYR^?SU3('R;R M!-
QZI+A=L8/PZ=/$_4$L#!!0 (#R-9EG M!D[N& 0 -4+ 9 >&PO=V]R:W-H965TLDCC7AZ*/M#42&*7(E62BNV_[Y"2%1E(MC!:,W0=:%,DYH*%:UDVI3,
MT:O)8UL99&DP*F6SBN6X1O=;]6#H+>Y04E&BLD(K,)C-H^7X:C7U^\.&WP5N;6\, M/I*-UE_\RUTZCT:>$$KDSB,P>CSA#4KI@8C&/RUFU+GTAOWQ ?TVQ$ZQ;)C%
M&RW_$*DKYM%E!"EFK);N46]_QC:>,X_'M;3A'[;-WK.+"'AMG2Y;8V)0"M4\ MV:[-0_@5%63M#JX+L MW.(1.2HG][!,=>4P!:92Z";OK*UI;LFYKI43*H>?:I$RQ7$6._+N,6+>>EHU MGI)7//T
]UJYPL*/*L7TV#XFUAWUY$!]E9P$7&,UA,EH ,DHF9[FW2IF 2\ MR2MXO2@?M!143U8M$\8;1X_VY\ M/KH^P7;:L9V>0G]3X;Z-IV[_G0+2RF&Y0>/%2@;@"H1;H6B;8+0) OO':$SDQJ M8:7I
1_>O[M,DM'U[7*]"L/Q]4<0C<_\X,AI0%4T0P(FP10EW]#B>] 9I,)R MJ6U-(M YDA.L]V3KJI*"&&6!!T)E=&Y8:>'#&A$^:X?P"WP<\'," MV"!G)0)F&88#!>A@) C+*8X],N-WY$(I[X)ECO
_4:I"Z..S01N^4%S6@850 MM$644-&_IJBWPA5"41B:?/9A!X [3ED, GR4Q$*E]'/@CTTO'%-=';T35C:<-S:DIMR!8=$Q*/HFI!O&NNRTHKPK)>Z!Z(7RFUH@\T MU)[RWV&
[#)Q5'L:^(*W^.FG/!Z$X7A'U?T%=#.&>*;H7@\0D(*^-:4H.GYBL M62@7GP-*,QU0/GYW%(Y68SFk@(J7C+&4^!<\U1X7F C:E@63WM'N]3\MZJM1(
M/9]"QW9'JC^+RM)4^.03@T;:CJ7!, *5JA*9F$10@5$REL]O!W;81- M1;C2WUZ_Z?=->K^6_F/2C\\R&?!IV8I/81N+!\!O4Q>3MZN([2O32+1WW6JT231X:2B+A[Z^FZ^IFNYYUV;1J
MS]N;AO>>&0K5@L2,3$?#B[,(3--$-B].5Z%QVVA';6 8%M1WH_$;:#W3=$>U M+]Y!U\DO_@502P,$% @ /(UF66T&I(A("P C2(!D !X;"]W;W)K M&ULQ5K[;^,V$OY7B'1;)("36"_+WD> ;';;+G!M
M%YNT/>!P\@2=;,KBRHIQ\G]]??-4"\GLM>]MC@$<&2)',Y\\\V#E%]OM?EL M5U)6XF&=%_;-R:JJRI>7ES9=R75B+W0I"SQ9:+-.*GPURTM;&IED/&F=7_KC
M\>1RG:CBY.HUW_MHKE[K396K0GXTPF[6Z\0\OI6YWKXY\4Z:&Y_4R^KG\:/#MLI62J;4LK-*%,'+QYN3:>_DVI/$\X!B.2E.K?*;9NK#\[$>G&5GI=3X8&:U6X M_\E#C4-OPG2\9X)?3_!9;
[<0:_DNJ9*KUT9OA:'1D87;"K/AG*](*?<5@9/ M%>955[=R"B@K\:%P#@92KR\K"*;'EVDMY*T3XN\1A,_Z*):6?&^R&2V. \2 M"K5:^8U6;_V# F]E>2&"\4CX8S\\("]HK0Q87O
%*S_)4IM*%4OQK^NYK0PX M\>\A-J)44B MC69/B--4K]?2I+0>S45@(G/(LY'H/8##"TL,8$#<(JK($&6FF:0_3@$?&*03+(!\)&#]' M)+T0!*LV]I58Z:V\EV;$UI5&4:*$/Q*[088V-<#8AOUKK/?8
3DOG_[X>[= M]3/G U5*&8!A.R9)4[?)Z: WE;,)58AE.%!:>&"*GF0\%\F07A V<&7K,G6 M__"=,U*I ,6@-:@CRGP#KL'2+#N?)^EG :$[(IY)N! _=M,)MM\W"LB1LI46 MM[BRE 0AEO!9Z!PUA8!6@-
F^%#?:5F3@4NO,"JOS[!6,S1$1!(I$N0"*5]LO;@+Z@*.4I? S^V:!8,N-$&D8,'S_B+'L0PC);G*^?F MA=Z87DYP<6"SHJ$5JD"M3+$T,UP4S"7S;:[*XERAL MN;2CEN+LA"=HN*>(${KEEEA(.
M7(C=KNXZ#K9^[97'';8Y5EH88]AZD)<*P-+4H=JLV"T(N4L7'?(!BE$FQ#45 MJ*YG2%?*^0YMDB)UZX!8F&2-[+OEW$S*G3M/.9!R?-"L)=)PSPO[$&*0=12N MNXB>?J[5Z-U@?
C3CG)8RZ_N;!U@KU_-X=WZUDU!\W M)Q!LK_^J=S6I]>FD3GM2)WVIH4>F+Y3+,;FV4.P/- (D-B1))-H;-Q^3R=X2 M'8QCC/%%,!634$2>M[=CJ/L$X=5_H;A)2D5V<=^"9H(=$46"_KQ0Q+/C/! <
M\D \8ZP8,=^/Z7[JL)ITT/1"WN3_]'3_PP'0?[9$^'/^V!H/5#ZXQ)O-2Z-F.Z+@O.O+_K'N],>D: M4/ &Y-^ @PUDW>?@*6CFSQ 87@2RP6NC$ %RK)<#@6F8-!OL=B (9!()T
M6'F$:PZ&G3*/4HDLRFA..&D,HW)T' T&P\[!CSO2'G ,Z$_Z4F.^I+]/^T7 M]C,+9=_X3(+9_KB;(";(;=.Q\(.8^#+9[Y5GFR9QZIW!V+A'R4'_3$-(AV.0 M[N'(@.MFM\%T-1%FZ2)5A))#;)_*:)8^%*C-
LMM)\S?>1O_UNZ6A'/XE>@WD M 69<=W78Q!=U,6I> MZ5"<;%6U&HZ@A#I<:3%39LT!W2VZ47#!L,#A"ZT8QG,_W1H U!G"F;+)=&+B'4MBH9>2^+ M#1SXB&[-]T<._)6269_?
9KX/S3NU^V6Z9PV&\U>!: %8==43ZG%..(%=)WX M.Q/?U3LM#_4(533JWI7H \=(G$HCBDSBZ*=R'1U.4 MHB&0(FRV/,2K!^\VXZ?1,4SR9K-NAD<=XG@?F2;4[P&GL&NTIF/O$%1?[K6/
M:AD/P!7X!%?$JX31] E< 5@S"!MCL]9@;!Y/#;] M$+WET;E39V MC-!K\&L@.OC.N<>IZI?$TEA^U57FDFL E+*E*L[U8M$8ZHX;SQF:0K.HEJ>XFD1*/YH.A &.IXXZ_W'5]5S[9]
M=1MRC\N]ALSI.4!!0/',2BZZ^K1WZ%WP$=\"%,WD4[KAEY"7_9^(@"R+/F' M$'2*CY;:_5J@O=O^UN+:_<2@&^Y^J/$#OVZR(I<+3!U?Q-&),.['#^Y+I4O^ MP<%<5V F7Z[X13,-
P/.%UE7SA19H?X%R)5]02P,$% @ /(UF64/K"SHE M!0 W@\! !D !X;"]W;W)K&ULU5=M<]HX$/KK M.Y3IA!D*V$!*V4 F2=-IYRXJAC37#S?W0=@+UE6V7$D.X= _?2C(&$D(N3>8^
M&&1K7Y]GM9*&2ZE^Z 31P%TJ,CVJ)<;DI^VVCA),F6[)'#.:F4N5,D.O:M'6 MN4(6.Z54M,-.Y[B=,I[5QD/W;:+&0UD8P3.<*-!%FC*U.DH[G))XK>VI65F*>8:2XS4#@?UE7<"?
W)*KD$9:7)FAVX5)TV!< =]#;[\ NJ%.=LPA'-5HQ&M4MUL9OWP3' MG0\'PN]5X?<.67\9=:]D&KXE7,7PLV#*T#Q:IN$K68/4<^^_$',&TQE)6/IV MWRR9]J>[-?
J=K>1\#!41D,=@O(9N/\IWJ+23&B0V AM:88?$$9"3%'KJP$0 M@\(N]D=K&ULO

(/&Z^X6\RG-FV7*N50?:91.;&_A2/9K$<>D^RJW5])83SBXOY1:E M59JCF8>6"%TX+';@LQZ<_ %\!!^4M)6!M[+$\B$^)"&#FN1>S5GR+.$M-H>0 M1F-(HB1[AB\=JDL]7_J7ZN[@G)M"*--JA*^G*V,U'8=O3U7<$V9/$[H6.38- M*W 14 \8U%L,EB]?Q)/HY!FYV2 W>X[];Q_CG\% ^VBQ7J$>-A/.L=A%8A]) MX8)+3@>GA(U2I8$19-/NL0=X=PN=YGIVM+!6_P MH%#&]ARD[%&MG6I%"14EPPI1PBB9[)9(T@E49!Q4&OO/#7@@[*G#%^ZY0HUZ MX[W/0*%::7N#&**#O9[VKO([O??F#TQON#0@<$W0Z'":!Z![O^LG5C7>8U;* MDF/Y846_"-0N@=ZOE;+W$[? \--9_@)02P,$% @ /(UF6: ?T#8Z P M* < !D !X;"]W;W)K&ULK55+;]LX$/XK S78 MDQH]G2A9VT"2MFB!!C":?1P6>Z"EL464(E62BI/]]3M#V5H'F_K2'L3'<.:; M;V;$X7QG[%? 7(GIXZI1VBZCUOK].$E>WV EW;GK4=+(QMA.>MG:;N-ZB:()1 MIY(\32^23D@=+>=!MK++N1F\DAI7%MS0=<(^WZ(RNT6410?!%[EM/0N2Y;P7 M6WQ _WN_LK1+)I1&=JB=-!HL;A;1379]6[)^4/A#XLX=K8$C61OSE3>?FD64 M,B%46'M&$#0]XATJQ4!$X]L>,YIT[J<=9/.WS<&10I=\QR/<& M=>].@HLWPDOEG-K=F!9F]!X$4(-UD1.:B[*@[=T*LG.+U>6ZFN]1!?#2@GM M:1:Z@???!ME3\GT,&OT\\>2++9)ZCWL[XN;?P;V">Z-]Z^"];K!Y:9\0QXEH M?B!ZFY\$?,#^'(HTACS-RQ-XQ11X$?"*TX$_[\-^&33\=;-VWM(O_=KH8_(MY>O(?(VN72]J7$1T3QS:1XR6O[S)+M)?3_ N)][E*?0?*-C/P 4J@\=NC7:J M!;S#>B_)@J2 SVS(G^+!\L5P< 95R4,%Y':H_4"Y@2Q.BXS'K()[4;=$RCX' M4YQJ4<;994%C>GD%LS@G@%F<53/XC,Y=T[6NAVY0PF-#MY$27DLQWG? FT!D* MZ9]14,3954%C6F60Q^G5C,8L+>'.:!<8L1+WD+=2O^VMV1)!!_E% 3E%>9R? M_B@_^#(_9P1:S*IQSBOXK45RT/5"/X/4]6 M\:Q%+ [U0@$_46QLYIF+7RKJE M/L>=E'0&W0M)$3@PF]>RSK(_)RY8^>PR"Z=G91D3GNLQ=#Y%O_KH8R>5X@-J M7,2)V+@6J%]OJ$$3#>FI"B1_1.>EWHY]4W+@K.PIG@=/V0ZE(6^_ M]?$-N1=V*[4#A1LR3<\O9]'X^QTVWO2A%ZZ-I\X:EBT]96A9@UR&BT;I1U,@6G@NA33+H+"V.@]# MDQ98,G.J*I0TDRM=,DM#O0U-I9%E/J@481)%T[!D7 :KA;?=Z=5"U59PB7<: M3%V63+^L4:AF&<1!;[CGV\(Z0[A:5&R+#VB_57>:1N$.)>,E2L.5!(WY,KB(MS]=CY^\=OG-LS%X?G)*-4H]N\"5;!I$CA)3ZQ 8_9[P$H5P0$3C=X<9[%*Z MP/U^C_[):RL;DW-: M&ZO*+I@8E%RV?_;P"QZ(R#I A+/NTWD65XQRU8+K1K0SIO07,=+]=%$ MCDNW*0]6TRRG.+NZ1I)D%J$E+&<)TRYNW<8E;\3-X49)6QCX*#/,_HT/B<.. M2-(362=' 1^P.H51-(0D2L9'\$8[82./-SHJ#'Y>;(S5M/>_#FEL(<:'(=Q] M.#<52W$9T($WJ)\P6+U_%T^C#T<(CG<$Q\?0CZS\T;C#K#JUMQ5J9KG<@G & M2)6Q0V@*GA; 92KJC)Q,H;0]L:C+ULL DQD\,$HIP!9('] <9_*Z9IB2@,71G#.B$6"PW!-D?DSUK"8=@>\Q]OP&,9JY)X%K);7L@_AMXC^^^JUMBXNV2OYU;]^:&Z:W M7!HBD5-H='HV"=HST@^LJGS-W"A+%=AW"WKR4#L'FL^5LOW)=@]HJL_4$L# M!!0 (#R-9EGIBHC,8OD -8= 9 >&PO=V]R:W-H965TL4B=SXW[]9*>7&?I;F[:$V] M+UX=';EXJC+IVJ90.4;&QF;2XZ>='+G"*IFP4)8>19W.\5$F==ZZ/.=GM_;R MW)0^U;FZM<*562;MXEJE9G[1ZK:6#[[HR=33@Z/+\T).U)WRWXI;BU]'M99$ M9RIWVN3"JO%%ZZK[ZKI/\WG"/[2:N\9W09Z,C/E./VZ2BU:'#%*IBCUID/B8 MJ=ND)1(UEF7JOYCY M'ZKR9T#Z8I,Z?A?S,#<:MD1<.F^R2A@69#H/G_*^BD-#X*3S@$!4"41L=UB(MK7PCO;P\MV8N+,V&-OK"KK(TC-,Y)>7.6XQJR/G+-VKDSX\\--'OH[B2N@Y2 MT0-2I^*CR?W4B;=YHI)U^2-84)L1+*>*MNAU#D74B?J/Z.O5;O58 M7^\1M\0;[>+4N-(J\:^KD?,6$/CW+F>#KOYN742+5ZZ0L;IH ?=.V9EJ7?[^ M6_>X<_:(I?W:TOYCVA],P--2 D'S*ALI6T=.O%%Q]:3+3WIBT.Y&@Q?BD_'* M'8JD5&'BGOC]MY.H&YWA6]09B./VR7!KVJ">=-SIB&]W;\1793/QP"*B;A>VG78ZFXL.Q3$6YE=[.,#PM5U+--T(6*3 MSY3U H]"I#@D2Q5O2VM$JN6(HS J2"./^67]P@BJ5IE1P MR1](CO4]+)%Y7L(/S88Y+RS2NO/8PZ+]HA)MH>U:)DCJXK2QE/L*,E&+/= $3F96#6A(!568_T"P:NP@JB1GB:Q M&3^?8V^(^LSO?9I"&(\Z9^%)F,B/NF<'4&%-.4&"@#CL\-A3['?@=665V*_$ M/W_\LI1J,\KP0,RE$TYYGY+U7KB4=C_8G@+5T VM!2 \DVFIVN)S+CY*:!71 MZ>&.2,3X3!5'$T\!?>B!M-?P&2A66<$;.&$.VWB2:/J)L;TNN/9TH!K>:VH# M8F,31@L#E',/8KGE]#Q4 L) (77":]9K8 Y6'1Q"$V&581''M@Q<"] F20@% M/T@U$,0.8/?(=)EMDV>OST)[J-G04"CN5%)4S/E4(VISZ,4 V1WP>K-<2MTC M=4YQJ0DF?P#344("+U;!VU1<@?[.PP "--GTVN3.I#IA7'\NE&6K':=OM=5$M)X^GL/9\/7,:G&F2<3TII.KQ1.YA8VF+NY) M!*M(I,H.,$X)-!Q6F/IIA2' M*6?#KV>Q81K6BM6.C&!/?#3)VQ*#-O&=/'%(%5;] >)C-DTEDY_/_MXS0-W<MKYG]'^4B;-E-YO,#GK.+]^#QTX1&I56["/V^Q&!H,OI/TWF#QFFZ] .4P,F! M0MQ$QP,(&.R@='MMXZNQL#&K@@:;+XH4=7TSHT'/@]CZFT!U\I.@ZG&LK\H) M3@(BBAX/-Y7R\5A9CB8"1IW!TTAJ]DD;^PBU2VMH6G8%Z_O!K]1U!(M"S['1M; 1R;JC4;D-E:$@$RA_W+-E: GK_0[QOEI?A<%E'5ZQ^_H:VGJEUDQO&UAJH M=\7ZL5+HE,;69*%&CU$-:+_ 7 @WT18,JQ-(#/FK=!F<]O_NC;8;A9UV\&ON MM%NG)K24:XDC\'B\G-C7!R#(M_9=6R0F3:5]F:C<< A4 ME=T2<.6T!?[L&*B. @10E"PH0F3&J^2AOE&^&J#HYG"F<*[!K@/B?A$)#HY M4O>)$I5I'^!LU8]2,\^8K?1P"T6?P%<^<\"(M8&WUS=?WUR)?6SOB<)A9G7B M6;F M-9A4#GQ.L1^C&,7:M*RD0'Y0^Q >I,L!<:FM!LS';H&*KLJAO:4-H:$ M\ '31JIQ0H Z> 8Q#*#L#NBSVZ8^[XK-V7&_03C[!3UJZ7O[6=QUTN^L]POH&30V"(PRH>S3&.&D' M>(%NS*ZUR35GW7ZP[!0"\A@O:KW0^ZB5= M',W4RS_I3N>+FIET1NY4*JZ6)%RKC)N#C>Y=^E"[Z)Y$TI&Q S1M55Y;KQ,' M574!9@V-6LI]?#3D[)U4^=NT

M&Y%T]WVNZX[OW3?QM2G Q473T%TL-F89@&@X9+-1>V_JZM*MXF6$]+('795, MO+Z_N+[,+:7L7[W+WP21Z5Z@1CH-
)G6J,V#FZTMNAII0W;@*,$*D'5KH4^?4 M$BRO%XZ[6_SV*/]$0_)XLX/N4E%-YD,V'6[HV'N6&3'95KV]R80&]SI:.1*K+G9<-S3XM M-P958^A6)N
M9AMI,=XXOM?BWIY2'BA: ZKHM/#^-9Z-'O$$::E%8C3P"2<+L5 M^4.K:(+=TGMR)7B+[BKO&8Q[PT\4]K5HW"B89RID:?C4<:\MN_@V.94#MGA@
MO@YWN@[U%/PV6?M>(SW.7@Q>HM[GUY^]-,WE'>'T;7K#^D)>+.X?E]>S?](- M].$AJQF6GHR?/3F2R\?Q0^M6_)HQ[!RQE_]<& U)T0/X?
>90088/=$!Z[_S- M_P)02P,$% @ /(UF62FLW#N: @ X 4 !D !X;"]W;W)K&ULE93?3]LP$,?_E5,F[0F1D)8-NK8292#VP(:HMCU,>W"= M:V+A^(+MM/#?
[^RD62=!Q5X2_[C['MQOC?=DGUP%:*'IUH;-TLJ[YM)FCI9 M82W<,35H>&=-MA:>I[9,76-1%#&IUFF>91_26BB3S*=Q[<[.I]1ZK0S>67!M
M70O[O$!-VURDNP6[E59^;"0SJ>-*'&)_GMS9WF6#I1"U6B<(@,6U[/DXF2R M&(?
X&/!#X=;MC2%4LB)Z"),OQ2S)@B#4*'T@"'YM\!*U#B"6\=@SD^'(D+@_ MWM&O8^UT\"3I%U\PK:+S<\3D*WS
M5/?)K*!6IGN+I_X[["6<9:\DY'U"'G5W!T65GX47\ZFE+=@0S;0PB*7&;!:G M3+B4I;>\JSC/SY?MRN%CB\;#U8:?;IIZQH;-5/:(18?
(7T&8A:A=8S@25V*+AA;:6PA3(ENIK4UK M9<7N=FRN(I[\37I:H8T_X?%+-YONN:Y&6\;>XOCCM<9W!AQ6A_9UT;GV;WC7 M^VZ%+95QH''-
J=GQQ],$;-=/NHFG)GIX19X[0AQ6W(+1A@#>7Q,7UD_" 4-3 MG_\!4$L#!!0 (#R-9EFL?:/6!@H)L; 9 >&PO=V]R:W-H965T
M"^[[D'NZ=;YS^&C5)1W%3& MAK/1)L;ZV70:BHVJ9)BX6ED\63E?R8A+OYZ&VBM9\J;*3.>SV^.]7F\BW9B>G]9RK:Y4_+6^]+B:
M=E)*72D;M+/"J]79:''T[.*$UO."OVNU#8/?@CQ9.O>1+MZ49Z,9&:2,*B))
MD/AWK5XH8T@0S/B498XZE;1Q^+N5_II]AR]+&=0+9W[39=R[?]265_GI"\PIG ?\4VKYV-1-&$Z*J\&194VJ;_\B;'X3X;YGG#G.U.BMC*
MES+*\U/OML+3:DBC'^PJ[X9QVE)2KJ+'4XU|\?Q"!AV$6XE+KX*R47*L'EPZ MHPNMPL/3:8066CLMLL2+)'%^A\0?Q%MGXR:(5[94Y>
[^*:SK3)RW)E[,#PJ\ M4O5$',_&8CZ;/SX@[IAS^9CE'=\A[Z]^+:W^G3T=BQ?.!CA;)L>E+7<VF''8-
1:$9AETJ:5'J8D'WWWS_7P^>YZV\,71<^&\B%":G[UP52WM M[>!A?K!57]YSC<\W'PKIE6BL;$H-:R?D1U#W\$#;PC2E$M(8(^/Q8%
MMNH0M5T+9\TMN6H))0R0JFB\IP=?;BB5AR:K"A4"(% L;]'+%N!'BT1T8B6U MA[1 %K#? X>/GCX/D!Z -QQ: +/GK$#ZJC.^=D&GRJ8@%S)LQ
K(&]CG;KM7 MM?/DM;:DYEZQH!!:%SOS-0S5MM2%)& EB^) 0]S(".?@HQ+JI@8(0^XJ9Q/R M-*3=*NF376CM8[Y\I&#U4AJH5R*-
)9@QD58&@*V'(DCQKA(YE0//0V_JLL$V MAYHB>X*!\QIX6L*C4+8B>NM:N"50;(31W)6B+ M1]!.,3($O=)8AN*']\0RZ'<92FU$;8$RUZX4]0"')H
17F.!6J)*\R9Y?45Y M2F[GD3$>1K$K(EG7WMUHS'4%6Y_,OZ4L:FZ-:V4;E:H,:\JF(*1RINP,XWM$_$.H=(Q>>;!D;BT4*&1P>/"*9+69KAMP71[9P)T M0
3)5JT9N*A2L1$^W1V!008\=WS.@Z5NPS2L)M2*N(L2!W"EBGNM2D(/L;C6 M:7@N2A X3;2!+
[D=R@24&I6CT6^$5UP*U^ISI8/$094L2X9Y0OQ^'0WQT&%! MCLO3XZ?B[>(?@O#-D"949X)(?4=J<\K-3NV:F
(NYJHONA5;H#K7V0":O(8F;3KADZB04W M3L1("NH83R68D^A29@8#47D^NY K'2%)4R?JBNL+*J*G2$TK0 M="QD@^%+W905=_/3
7Q7*W1N!B*-6"8HQ"1,S=%J8-SE^."(<,.#)"-S4&L& MW.0O4 BMUA';!(OW('%#_$Q3BB)*5<"U0<.@+9#P&:&IY$?56?.A*=>9#BEP
M)TI=2#P%8Z"I:B8S+3GK5G!<._C")(V.1JWA;@9SI,1F8 %,5XI(#\OM9?;; MVZ'"J)@(_C62>L!M_"M&74)S"WE;F*E.MO&VHA+97 MLO
.:&T=#8E=M6/HI2,VRA['3#1*5U 3\;8/.'53)8%:-,B6B. @BDW@6C?$ M4%'MTA(S2J=Z/OE<2XV&-=R<,34'@(R85((,$,N@Z3DC!E5L+YNQ:UBN])CZ
M@OEP*FA.,U84\9Z%QU#$&6K+GD34+A)[9%:6:PZ@@PD7U)!PM[,ZCS^YU(Q: MR,':N9+LI? #K=?L$T. L^M')I&#$!15:9(P/M](!G?N4)"J.\R2MYO\-J
MW]=&>])P]!\6Q$)!:E8WI*.KJ;;Q(!6_3<]L<& M 4?E[#L._G\T=>LQ&WIJ!EHVST.RR_Q@,XK EM(CXQ<._[J)_GIQ=='-\TPO MUZTB)%S93?
I)Y>NE96)ABY2U'2:[AEC2%)H:8XZJENW@H;OVLL)I]$/K0N* M3;P3#UM,:AM^J0H)H%%3 M-LO(Y"_HJ3:1F5]3;O;E!.#';&88?_""AB"8SX&Q/]P2!-
O$3-O05 []72H@ MG5'E+F"QD,R&:V?;8340P@R5C^?Y\ 1^3&&Q.ZX&:36_;'4GJ21=D=2_RM1 M3W?0'0G,XPL> <%-DR?
1W3.FI4/_$6V9O'7J*=^'TWJHU9]"B'!XS#K?5(' MY#6EMK.3B2YA-NPSNG\G!UF04$O-I\\/C=>AU$4Z"G[M_#W^R9^?3?
T$PK]$XFN#G:F%Q(_7<8XU>-Z_''7ZXL_,44' MIO1)-Z5/#L[.5]*3+T%QQ9"M9(0/!%(4C<;7UU>]4?= M_#Z&GA,X-C&]M2GUM4X'[RQGG.-
+H2A5>\!"L("7F>2 ;1U!K MI;!^*C:BKD/V5Y(LJL04".*"R'T: P.=^Q(X'7PPJ91?\V[M+T^+],&E7YX^6[V5?
DV\W*@5MLXF3\&C?/H4E"YPYN7/+TL7HZOXYT:!HWM: M@.=_QM02P,$% @ /(UF6&ULQ5EK;^.V$OTKA!L4">"-)>J=30+D
ML8L&Z&,1I[;_OJ>H9[9RHIOMQ<7 61*(H:]S*]4QMI8@3LRC/ M9MRR_%D>I\7D^M(\^R"O+\N=SM)"?)!,[?(\EL^W(BOW5Q-[TCQX3-<;30]F
MUY?;>"WF0O^_2!Q-VNE)&DN"I66!9-B=36YL2]N YIO)OPG%7O5&S.R9%&6
M'^GF(;F:6*20R,12DX08/Y_$G<@R$@0U_JAE3MHM:6%_W$A_;VR'+8M8B;LR M^R5-].9J$DY8(E;Q+M./Y?X[4=OCD;QEF2ES9?
MZKC5ARYW295XOA@9Y6E2_ M\><:AV,6\'H!-WI7&QDM[V,=7U_*.->K=\5.!<;,^98TT9M[@[(L]IS76,.<5*Z-
(*Y8;9<:LF%TEV$;GC;8M=U2UEM"#XT7=V6^ MC8OG;[\)N1V\57C=JJ%J-=A>2,%BQ59EAK!7%W"(-39F'V29[):8\#Y66A0D M??Z,4:
[J&5B7,.B'23OLRQ!Z:SSY!0Z>*?94ZCAC3YM4)NR/72RUD$R0JP& M+:0L<-]X"YO'<.*+:O:;+28_,T6/V F+7]7)^*X8S^;)<%T7$,
M.&,,!)'!RB#&>4#7L,+*]\)!!KP6]R]_O2]X""WGD&S?^6H>G):'E@P_.,@# MMR,6^("$!0%S0/)"FO$OD_B2X^#7R# MTM0./,,U@13"!T^8-_6<:)!?
OS4WZ$!POJ"61$>>4(\RXW.])]OJ2^5?S8G@V0@TW MW#A!=#CN?,0$T19:C#L!^8M_F)73):(BU>JLY>?4/H.Q0<\E!_D)74@',4CW M(-
)A(Z>^UY[ZWM&G_M^KE7Z9IDLR$*4VSHRLEJH439LF^S>:U8;.0!#@F@\.)\\(1Z+7@&LIR)IVXT;N*) M.6=/3)H_J1/!2>UZS9KM?^'UI[Y_ADN
"US97#'^N8A!P=*8C^D[E%L7A_-- MY=CP\,JQR:M/78CB _8]@IM!^40L-+PC$?FV-N:LC28:4X29; /-F[VGK$;>NK2WAY=;)5F$[U[##"",
ADW[WP;IJ#%4.%"X&G\P,4O9NXL%!S5EB"-]V& X M.KF0%YG5)L918X_X4=#Z47"T']VG*EZOI5BW?O0H/HEB)ZCS^R'^'=D#339& M\B-
"84XT)T/.,KKC\D%U_F+AO5B9W&JC.$))YW6%!<>3GM@G&1?* MM-.&];;3[)H?VM!!U_%0)#A\)"TB_*KTR%%HH;RVNQZ5!VYM+RQ\4]/3T/9:
M(WQDFW<0(MUTQQN#:+Q3/:I7.@B0C9:%O"APJ-)=A1U*VQJ5ZQ#SN13\P&Z&<"%=8-P>2B!;,OI>V[@^.-PC3=C0R?* MK/>I%[JOS0=MA?
2).K#ZZML^;;^9WU2?BKOIU0=W'!W(E8IE8H6EUGF ED!6 M'[&K&UUNS8?C1:EUF9OA1L2)D#0![U=EJ9L;VJ#]3\+U7U!+ P04 " \ MC699DU[=B^@#
"."0 &0 'AL+W=O+*$6Z)!7'_W[' M%RM.ZGKY((FD[NYY[HWD9*/T=U,A6GBLA333I+)V?9FF)J^P9J:GUBCI3ZET MS2Q-]2HU:XVL\$JU2+-^?YS6C,MD-
O%K"SV;J,8*+G&AP31US?1VCD)MILD@ MV2W<\E5EW4(ZFZS9"N_0?ELO-,W2UDK!:Y2&*PD:RVER-;B8*Z$\6_8!-DQ">>-L:J.RL2@YC)\ MV6.,PY["1?
\7"EE4R#SO .19?F"6S29:;4 [:;+F!MY5KTWDN'1)N;:_G+2 ML[-;-%8WN6TTERM@LH"OMD(-)]<:"VY-%ZXKIE=HX.2>+06:[B2UA.NTTSQB MS -
&]@N,W^"SDK8R<",++)[KI\2W)9WM2,^SHP;O<-V#8?\4LGXV.F)OV 9A MZ.T-7QV$6Q3,8@%7KFBXY>3_/U=+DJ(J^O=0! + Z#" ZZQ+LV8Y3A-J'8/Z
M 9/9VS>#P[W1GVRKRA)R9:R!#@SB<^&_M_B MVC!AG+_$Y(&KQH@M;1&YT@Y-!.W(D2IWT(6W;RZR0?;>C]VSB/O*4X36!/9.
MH^4::=.QL$2))44,WH&DS=&@M<+_(8-P T\FLW9T!E](\F1%>V$7A#*&.(0Z ML@H*VGV,Y909],R9(9/&$U@VAD)&62:NM0ZB@<])S#-3,5K-DV
MIGHQ?0? MG.YI3+@+KWH9"BYST3@]YDO95R8EJC,8@@H0U$X^=PQ,S82 ;[T_>G3,R*9D M.W]IQ,4NK2RZ[\UD'I7E.9VUVI=[@=27.6?
NX#VE8&K+R>J6I$LJ>EB2$7!= M\A-\[G[*B*D?R-7+C@+K0I*3/2J=ZB@T[TSLD:B[FX"A@+42!N.RW:UO6Q<
MA3/V23S<5#Z3YUP:$%B2:K]W3F6JP^D?)E:M_8F[5);.;S^LZ,*$V@G0_UCJUPCO9'/=.T"WN4@E2_PD^/&;*W!>;)0ZL%MOA3C('*$4&!N'0*CSQ/>H!
.B&@\ MMIA!;](I;J\[]$_>=_)EP0S>*/&+%[83>&/,N/S++)2*L-:"=- M:&[A7?7:1(Y+]RASJ^F6DYZ=S-KX,EG =UNBAIDR5J/E&BGV%J8H<2 C??
P54E;&KB5!1:[^B'Q[4DG'>EIKST -[='G=_7R\H#I0T?_8YW. -]N.Y0KHR--VWZB(9ZBY*GA. M5\;"V]:?
O:]VW,Q]B9#OP$N"KSOXW,,O6GC8H$9@!I9*4)V;*[@ON2[@<1"UPWI5NK+ET7W3/-*;@\QX;."<0T
M3M\,DSCY0*CR^2&"!=>YEX2$B07T32D*4O9J)?D_4G+AH/P@#SD3()0Q\!XN(6^=Z$FWSOR<>I/[RB3< MZG(5ZI7OY8;\64O;-
+S^M/]=7#==\D6\^==\97K%I0&!2U*-SB^S '33OYN- M5;7OF0MEJ0/[94F_/-1.@.Z72MENXPST/]')?U!+ P04 " \C699C_MJ M]>8" !-!@ &0 'AL+W=OM*
(4N= M4UGX41 ,_9)QX<43=_:@XHE>J&W.7CDR]S8 S^> M5&R)I?A^:QO[9W!#XYKO;4'F\E"RF>KW*93 M+["$L,#$6
1&/Z]XA45A@8C&2X/IM2&MX_9^@_[%Y4ZY+)C&*UG\Y*G)I][8 M@Q0SMBK,HUQ_Q2:?@<5+9*&=A'5MVQMYD*RTD67C3
Q*+NI?]M9\ARV'1,Y+FQ1YD;1+2<_$W\S.2JX>:,B M:SR&>WH&G2>V*%!W)[ZA -:,3QJP60T6?0)V!G=2F%S#C4@Q_>CO$[&67;1A M-XOV LZQ.H5><
Q1$/7WX/7:;'L.K[AQW/JPW15(,@,_J_6 M+K9[\7:S?%W'3K\+G0&M<".H7ZD;!?6/4BB2=RBDIB(?@Z#G'<$ SJ#GGCJ- ML8+_H#
(<0CB$MK/RLAX1_\SK07O'U)(+#05FY!JJ'IXU8J1E1L8"VEH_+AM3O,> ME36@^TQ*LU%L@/8?)/X+4$L#!!0 (#R-9EE?;H:S/ , "T' 9 M>&PO=V]R:W-
H965TNZ<-BO0%46Z^.7NN>=\OO-TI*A*96=!X5Q]$H8V*; 2]DC7J&@GTZ82CJ8F#VUM4*3>]"K#.(K&826D"N93 MO[8P\ZEN7"D5+@S8IJJ$^7F.I5[-
@GZP6;B6>>%X(9Q/:Y'C#;I/]<+0+.Q0 M4EFALE(K,)C-@K/^R?F0];W'9XDKNS4&CF2I]0^>7*:S(&)"6&+B&$'0[QY? M8UDR$-&X6V,&G4LVW!YOT-
ZV"F6I;#X6I=?9.J*67 <0(J9:$IWK5?O197@@G MYE.C5V!8F]!XX$/UUD1.*D[*C3.T*\G.S2]5HBN$6& %GJW8EFB/9R&CJ!9 M(4S6,."[F;\&V!X BX
MW@##2E@@?[61%E-V[T@ETR65KU3Y"=P6TJ1PUPCCT !RON$]N8*JO0'M"N7/
M8;4D#4[BGS-.*8O!UFAA\"7SD&VLP@%:)ZGJ"$LHU8@2,,O0U_!&B?4-:< 2 MJ3LAI)18@S27Y,S",Y@,28Q&).)H0K(_CN&RHB-
P'%=2")4SV#Y7G0\Z&3JU M>ZD;NPG^^<%QW)^<6M[8)M\;'8+?BT__^5\J,I05U"1U"HX:J:,>YPE1IR57 ME -B0!?44D42.0Y-Y@J^-
Y215/IF9GD55H5,"E#:DURBPDPZD)9Z9:)S)7]1 M/+W^(Y4^?7R'UKF"'GR$IXG&$7R@S)N_3[4W'!]ZV-[HF,3D\/%.>E*/N4%.
M01QS"C@/_5'$41;K6P"DWN&S5?Q$:YMIMUJ]U;<-:VP$?U]B&Y$B:7 M=$0E9F0:'4U& 9BV.;<3IVO?$):47OUPX+>,S2L0/N9UFXS80?="SG_#5!+ M
P04 " \C699B>@]L&<$!N"@ &0 'AL+W=OASM@5_2:WO9AV ?%9A*A MMN63Y*;[]R-EQ^UM:5 XD?5&\B'UD-;\H/2CV2-:>"Z+RBR\O;7U;#0RV1Y+
M88:JQHI6MDJ7PM)0[T:FUBAR)U06H]#WTU$I9.4MYV[N3B_GJK&%K/!.@VG* M4NA_KK!0AX47>,>)>[G;6YX8+>>UV.$:[;?Z3M-
HU&O)98F5D:H"C=N%MPIF M5PGO=QO^D'@PK_K GFR4>N3!YWSA^0P("\PL:Q#T>L)K+ I61#"^=SJJWB0+ MONX?M?_F?"=?-L+@M2K^E+G=+
[R)!SEN15/8>W7XA)T_#F"F"N-:.'1[?0^R MQEA5=L*$H)15^Q;/71S>(Q!V J'#W1IR*#**Y9SK0Z@>3=IXXYSU4D3.%GQ MH:RMIE5)_B&]BE\497=&
[BI(1[%9Y5N,9Z")$_@- /XS/Z MHM[]R.F+WN_^7ZN-L9K8\OP1Y"O;36<[ZVQO>MOYBVT0UFJY:2PSBW=_
M4H>22E#6\L[P2>Q5D:,VB().N;PE&JVW#E>9R M!@][J7/XW@AMZ7"1&0BWY!&4+2?;&6*4Q7)#.YA6/XZ89-Q$KWJWA%)6A!/A M T112&TPF5 [B0-
JDW *OZ,Q,Z (;5%K,F%<%N7R2>9DTU#1R K!"P$](3VO M=(HG(8O_!&6%6KFPGPS/+RG4N&\ M:F9]RTCVHB5>K14?,1^PI5-DRNK69_I\];:H>N?
HEIBR%#6I*%0NGRH"-X/; MQA&0,'?Q.H:OUC)S$IW2B^ 2'I05!7P-6H;RMYKTZT=BS8M)" =A' W"A&F0 MID-'BB#QX6MX5FP?F
MFS(*C;)T/W'=/5T(4?,&6M\J M98\#-M!?,9?_ E!+ P04 " \C699 F<2A0% !J#0 &0 'AL+W=O MDB8$D?5F! MM0N:=/LP[
,MG2VB$NF25)STU^^.EJ:QK=9P, ^*(I,B[YYY[>*3.-MI\LP6B M@_NJ5/:\5SBW/AT.;59@)>RQ7J.B-TMM*N&H:U9#NS8HCGB^G_"'Q(W=:0-
'LM#Z&W<^YN>]B %AB9EC M"X(>=WB%96_6@QR7HB[= M%[WY%9MXQFPOTZ7U_V$3YD[3'F2U=;IJ%A."2JKP%/<-#SL+9M$3"Y)F0>)Q
M!T<>Y5OAQ/S,Z T8GDW6N.%#]:L)G%2.,P:\Y?!?/*$^1/XI)4K++Q3.>;= M]4."NL6;M'@ODX,&;W!]#&ET!$F4C [82[?QI]Y>^H2]=]]KZ1[@KXN%=88D
M\O>^&(.)T7X3O&U.[5ID>-XCXBR:.^S-7[^*)]&; P!'6X"C0];G-[0-\[I$ MT$NX*H1:H06IX$5Y6SSX4:U0N7UQ'?9\6R L=4G;5JH5.)8 Z=T)65H@CV%#
M,7F$C/NN,(B0M0YYDG"^;Z3%#F+M$6<=Q"4A/H7;0IHB%"JC$/G-2BK%#%"8:S12Y_ +]">S9."?HU%XSD["><2R<4+*>P@02^EU4
MVCCYP_@=UVX'- !N QG F.()Q#_"W2R YI8ZX]:X*+2-27E$1UQM#2Z>I&& M.B&PW3%1%J?\]RPM,X@CB GLR:X$D%732?ZT27K:/'?
[=%C04:"H>!N#*GL MJBO*EH&]YX45'\73Z:!IC<=M*YVTK9.7",R3.8VA/Z9U:40+9X.#(9'AJ'61 MQ/%@[]B5L 4LJ2 U20N1,^&$_/JL#-*..]T!O,
(8)3^$SYRWRI"UD/UB35 M++P391V42O(ABQ1AXF5$I+"V6M5-X/6K61(G;\CCH;QW/+]L5_3C$^\WGK+? M:.#A[E.LTX#","66YH]V,#VY"ZB]G?/_=D*
(Z*>]T%I/"4_7T_/L^,!'@6L? M^$$]S1Z3OM-YR08.@IN>S!KIS<;18.^8KW0%G;@-318V&-*G#9\25$:_()7Y
MFFJ5864^EO]^9C"G>C]@H1F64K@L^[R3??UM%296SNLFTH!10I;]T:N=,4B"DHUYF0Q !*_R^TNW+%Q M["O21SK8RK*1B05_75($F-
C5/R5Q[TXZWG>E&N[[/C]/#5\@G"EY2=2EQ24NCX^FX!R;<[$/'Z;6_32^TH[NY;Q;T,82& M)]#[I:8L-1UVL/V\FO\#4$L#!!0 (#R-9EGV&PO=V]R:W-
H965TG^/X>+)1^MF4B!9> M*R'--"BMK2_"T.0E5LR%*@L;5-+B,+V8]5^\+?G#\0B$< M$-'XO<4,NBU=X_Y\AW[CM9.6)3-XI<03+VPY#48!%+ABC;
/:G.+6SU]AYJ[D6=YS2S+)EIM M0+MJ0G,3+]5W$SDNW4]96$VKG/IL=B=?4%JE.1KX],B6 LWG26@)V:V'^19E

MUJ(D[Z",X5Y)6QKX*@LL_NT/B5%'*]G1FB5' 1=8GT,:G4(2);TC>&DG,_5X MZ7]DOL$U-[E0IM$(/R^7QFJZ%[\.*6X!>XT=0\\6Y+VB$0AJ!?
M_Z$I5M9(4FD.,CV(>9DSG;+%:HNX.&ZXQ MWV9BGTGAADM.-ZR M5*%@1/H#?ONVX_AB2QWQN59K56.QL"8RD?C&.:-SDLR
M2P&:;>B^6M2<"0.]-(6TWX=O-6IFN5S3:U#7PFD;QC 8P:.R3 #?TWP"\>DX M2OPX'/3AT/&&>P:H4*^]S0WDJI&V]4*7[5Z2R]9 ?
\O;9^B>Z367!@2NJ#4Z M'Y)Q=6OM-K"J]G9:*DOF]-.27D/4KH#65TK97> VZ-[7[ ]02P,$% @ M/(UF62;B:$/" @ ' 8 !D !X;"]W;W)K&UL
MC57;;MLP#/T5PBN#K>^MDB8&FW; ![1 TNSP,>U!L)C9J2ZXD-^V^?I2< M>"F0!GL()5'DX2%I*I.-D/>J1-3PU-1<39U2ZW;L>2HOL6'J3+3(Z68E9,,T
M'>7:4ZU$5EBGIO9"WS_W&E9Q)YM8W5QF$]'INN(XEZ"ZIF'R>8:UV$R=P-DI M[JIUJ8W"RR8M6^,"]?=V+NGD#2A%U2!7E>
@<35U+H/Q+#;VUN!'A1NUMP>3 MR5*(>W/X4DP=WQ#"&G-M$!@MCWB%=6V B,;#%M,90AK'_?T._9/-G7)9,H57 MHOY9%;J<.JD#!:Y85^L[L?
F,VWP2@Y>+6ED)F]XVH8AYI[1HMLYT;BK>K^QI M6X<]A]1_Q2'<.H26=Q_(LKQFFF43*38@C36AF8U-U7H3N8J;IBRTI-N*_'0V ME]1?
J2M4+LQKQC6MC!?P\:&K6BJ^=H'3I_'N&UO6J-Y//$U!C:N7;P/,^@#A M*P%&<"NX+A5\Y 46+_T](CLP#G>,9^%1P 6V9Q#Y+H1^&!_!BX8*1!8O.EZ!
MYVW^+[.'7Y=+I25].[\/I=XCQX>1S3R-54D4Y+-UQ:$+L1M<1"3]BQ$D M;D@ B1ND"=R@4F.:[+QKNIII+&@@B6A>L7[D#8=&4&'^](K(#48123\-('3]
M44(R\&.X$EQ91L;(/".G%3]MI5@3007A>00AR5DX(-$K2?@U3
M.-1K;V]B&Y1K^RXIR$7'=3^\@W9X^B[[B?]GWK^;MTRN*ZZ@QA6Y^F<7B=/7 M>W?0HK7SOQ2:7A.[+>GY1FD,Z'XEA-X=3(#A#R'["U!+ P04 "
\C699 MS\]FFLX" "(!@ &0 'AL+W=O6-M):0$S:M*D=\(!X<)-+8\VQ@^VLX]]S=M+0:5TE M7AS;=_?=]]GGRW2K](,I$"T\E4*:65!86TW"T*0%ELRA
MJ32RS >5(HRC:!B6C,L@F?J].YU,56T%EWBGP=1ER?2?.0JUG06]8+>QY)O"
MNHTPF59L@RNTWZH[3:NP0\EXB=)P)4%C/@LN>Y/YP/E[A^\.VD9*D^FLAQZ2YE9359.<79Y!I)DH%W M]VPMT+R?AI9 G2E,6X!Y Q"_
C"&&R5M8>"SS#![']A\2F8Y1O&,TCX\"KK Z M@W[T >(H'AS!ZW<*^QZO?USAS\NUL9J*X-Q@34[$49P%5OD'] MB$'R]DUO&'T\0G#0$1P<0T]6]-
"R6B"H'%9U50FDHK=,P)P))E.$E7^=5[)Y M@JZ6ERB8Q0RL@D;>(4U'LQ[6=%NAI@QR \+!@G8U?:KRTYH6S!BT!IC,6JO@ M;,T%MYR.ETNP!
<)"2:,$SSR[Y_RWJ!T&Y$I0)S 3H(NV6*Y1=[<-GS!M=WI^ MIP_+ PQ201.>W\SJ!WOG8C?$(%JVI4MJ?'YWT2PF' M8'>8^WXGT!^Y(89K)3>G%G7Y_\!
[?/==W>%23T&R9)#2P$E)+XYA? 'WRA7% M2WB2.(R\T#$<*L=PKSN4J#>^!Q(K54O;-(INMVNSETUW^>?>].@;IC=<&B*1 M4VAT=G$>-
#6R6UA5^ZS5I8ZEV)6]*M [1S(GBME=PN7H/OY)'\!4$L#!0 M (#R-9EF.(30\U@, ",(9 >#0>P=V]R:W-H965T/)+:!'!LT1;8-UMD61=$/E#2VB*5(E:3L
MN+^^0\I6LINL]X-DDC/O\;T1#T\W2G\U%:*%QUI(,PLJ:YNS,#1%A34S]6@ MI,A2Z9I9ZNI5:!J-K/2@6H1)%(W"FG$9S*=^[%
[/IZJU@DN\UV#:NF9Z>XE" M;69!'.P'/O-59=U .)\V;(4+M%^:>TV]L&*8W2<"5!XW(67,1GEYG+]PE_ M<-R89VUP3G*EOKK.;3D+(B<(!1;6,3#Z6>,5"N&
(2,;_.\Z@G](!G[?W[#?> M.WG)F<$K)?[DI:UFP22 $I>L%?:SVOR".S]#QUB!Y0+-\32T1.D"8;W;PY ?P4_BDI*T,?)0EEM_B0Y+2 MZTGV>BZ3@X0+;
:01B>01$EV@"_M_:6>+SWD[YJ;0BC3:H2_+W)C-:V%?UXS MVW%EKW.Y_7%F&E;@+* -8%"O,9B_?Q./HO,#2K->:7:(?;Z@_5:V D$MX4[)
MU8<'U#4X_:I_0D7-A;K"5?2B(J=B.Q'TEA.(B3X3OX35DT)U"VV"6^A?=O M)DF@+(%D&/GG=UNA
M(@%)I^U1,"&V4"BY1FV!AKI*^9+L*3ZV6H'@+/??TJU>UC1: M/7(Z,I'05,YTE)UGPPF=7T*XH]CY(>22/Y(2)F5+/K@79BQH@CF6=#!.HG<#
M7Z=;68BVI#E;2671EO]'0.^WI*WMZF2(IWP9YL:T_LL4RE".1D'LI;-(%Y2Q MA.%R!=+[<02Y6U'DQEA?(V_9NL,16*[6Z'/63'/5&I+O/KK#,ZV97"'=5=_.
M8=K<\))3/IK!:T=$^.S@KE&O_/5DP#OJSO!^M+\!+[J#_RF]NSX_;,WBDK3C MDJ 1+*;%=WBJ%T"Q9>*JK#KN GZ_P7S_P%02P,$ M% @
/(UF63!DBJ5= @ 904 !D !X;"]W;W)K&ULA51=;],P%/TK5P8AD,:2)MDG;:1UHV(2DZ85Q@/BP4EN$VO^"+:S M;O\>VTFS3NK*2^Q[?
<_Q.7:NIVNE'TR#:.%)<&EFI+&V/8\BA5S8HJ#E4+4JW ILE):4.M"74>FU4BK !(\2N+X.!*429)0^Y6YU/561\GOGZ4'#/<&VV MYN"=%$H]^."ZFI'8"T*.I?
4,U V/>(F<>R(GX^_ 2<8M/7![OF%?!._.2T$- M7BK^BU6VF9%3 A6N:,?MG5I_P\'/D>_(& M^QG<*&D;
U]EA=5K?.24CG*3C=QYLI=PB>TAI/$!)'&2[>%+1_MIX$O_;_^* MF9(KTVDT\/NB>,MM-Z;OHW+2TQ!EQ;6)0/R+)/[R;',=?]@C.
M1L'9/O9\Z;JRZGBXK4NJ]3.3=6_)45O!@R;U[H+D][=]WM"=QE6!0%ZO%& MX K+(3,)F?1%9%#V.OJN9/W9HA:NCPH+[R$]2,_2,&8G<1B/XLV8P:
[CB[9^ M?8&Z#@UNH%2=M'T7C-GQ#;GH<>EO'^ ;JBNF33 <>6@\>')$0'=-W4?6-6& M1BJ4=6T9IHU[!U'[K>^4LIN K_!^++F_P!02P,$% @
/(UF6?'DN=:# M @ YP8 !D !X;"]W;W)K&ULK57;CM,P$/T5 M*TAHD:!.D[9[(8VT[8)8B96J5L #XL&;3!NKCAULMUTD/IZQDX8NI'G:E\27 M<|
[,&3N3Y*#TUA0 ECR50III4%A;W5!JL@)*9@:J HD[:Z5+9G&J-]14&ECN M2:6@41A.:,FX#-+$KRUTFJB=%5S"0A.S*TNF?\U J,,T& ;'A27?%-8MT#2I MV
968+]4"XTSVJKDO 1IN))$PWH:W YOYF.']X"O' [F9$R

*EMFYRGT^# MT"4$ C+K%!B^]C '(9P0IO&ST0S:D(YX.CZJ?_3>TPC2UZ^&D_!]5UE>2.Q9D49MD49>/3Y3I/_M MDN^?$4/N+93F1Y?WT4MZ?R&Q9]
['K?=Q[P5Y[ET[[Q?,$$8JO"JXT?E1UI+7 M7M)U[GT:#L910O>GKKI DQ93)TM/>@E>O(UOL89D:B=MW5;:U;:+W_KF1?_" MZU_
],;+@T1L$9J.+C$^+INJ_7$JLIWID=E\9;[88%_(M .@/MKI>QQX@*T M_I;T#U!+ P04 " |C699?\IB[D8# !D#@ &0 'AL+W=OI&D? M3#B(U<3.;
.MM!_VPF!H)"N5?H%8OONN7L>GRW?8,/XO8@)'I(8BJ&5B1E M>F[;(HP@P:+%4J!J9<%X@J4:\J4M4@YX;IR2V/8<36R"Y0Y28 *PBCB
ML!A:%^[YV/6U@['X3F C]KZ1ICO]C[%X/KN=#R]$900RAU!!8_:UA#'&LD50> M?W)0JXBI'?>_M^@?#7E%9H8%C%G\@\|QE-
+3.+#2'!5[%"LVA.IMG$]N5HGRD\$4EFI3)+JF64EH:=^C6\PY MUOJBDTN0F,3B5,V*S'9@2Q58N]MA'F24!?&.!.FC&T9E)- 5G<.\[&^KA(NL
MO6W6(Z\6< II"_G..^0Y7KLBG_'_N_LUZ?B%B+[!\Y\0<0(IXY+094G.7U^4 M.;J6D(C?5=IEV.UJ;'V,ST6*0QA:ZIP*X&NP@K=OW*[SH8IX0V E&=J%#.TZ
M].!VE;E*$AL)(,O4*&7FVUE N"ZX(XP0)AE +7 M"Z=5[#/(_MX!<%KNP1&HM/$+HU*R9T6R9PV7]N3K3[7 U1:;Z2HRM2&?NY4- M@974Z1?
J]%^QHOM-RM 06$D&U]F]#9SF:SK'K"_J)XS*^>Z]9=R&R_H".#,* M5C*IC?;\6BSL&;DJ(AM+(4N]>:6_L*>F%9^Q45V^T=UG6E
MU>%M;>^]UU5I+DBMFB5+DR#<#_TBV4Z0-V,%G_=8/YDE"! M8E@H2*>E&Q:>M3390++4=
4S)M7Y,)^1:@.!:P.UOF!,;@&PO=V]R:W-H965T M4 *W@#G;)#-;^^-/!@]"4DN&T'R9 ?+H,:T6W?WH[>:U*'^O9E+6T=?E8E7= M]F9UO;[N]ZO)3"
[SZGVQEBOUEZ>B7.:U>EL^]ZMU*?/IMM%RT2># >LO_FJ M=W>S_>Q3>7=3;.K%?"4_E5&U62[S|MN]7!2OM[VX]_V#S_/G6=U\T+^[6>?/
M\E'6OZX_E>I=?!\RG2_EJIH7JZB43[>]#_&UR$C38(OXUUR^5@>OH\:4+T7Q M>_/F87K;&S3?2"[DI&XH[__&O;$0<-% _<@+0-B-T@]31(V@;)L4]
(VP;IL4^@;8.MZ?V= M[=N.XWF=W]V4Q6M4-FC%UKS8]OZVM>JO^:H9*(]UJ?XZ5^WJNT?YK-Q>1P^K
MW:!KG'<5_7,M2_5Z]1QEI7J\BHJGM3+=5'6^9>%C-I65?2.RSJ?+ZH?5:-? M'WGT]HU9^TW^A^]XV(YQLET<=B5<^J2*RF M<@JTY^'VHT#[ONJ=?
1>1[UUT3X*$CW+]/DH&?XO(@*3]QD?WSR!S#GOZ>+- M3SIV3#*.22:0R P'I7L'I2'VN\=\(<%?W:X9VS9K MTL?+73Q,Z$W_Y;!/
1"C0Q/$71"ER<@$"1>4C@8:9-A&][;1H&V?RN)EODU1 M:LBI=*"Z;S+?C;Q\-8WR93,D_JA^ /7 CIP>?"5FF3;NAG 70@:I97P88]C. M]K:SH.TJ$-?
E9E)ORN9'UYA;U#-91N\FI9S.:Q6!)[.\?(9]SYSOY^MYG2\B^5551LK,30D;F+D/)I:!+H1:8Y:[
M$!+;X]K%Q,SCVN'>R&'0R%]F\W)ZM<[+^EM4^7Z^08I30RS^,+IC;1I@.PB3CF&0"BK@;=FM;4?#Z0U"N?D-0 $)#D#Y,UQ|
M4(_'IP6#Z$]5R3XW8T^EOZG* +#]0=93AQ|J&T=E$UALIG^()@^Y8)!HR;'< MA,G&4=D$%IOI)BU3XF'1'0@4B?.S':5.G'!!V<@)$RZ(9"RQPP2 2F-
/Q1#K M*C\.E_E0F/@IKVJY:H;DX[>J&8*@_4'>DT<@)AM'91-8;*:'M%:)Z24#15) MG>PF3#:.RB:PV$PW:5D5AW65/U"X8B89V:(" J5.H'!!<9Q1.U"XJ-
'05TYH M_12'!92_G)!*-T:/K:;T=$&0^^1!B,G&4=D$%IOI)2T X^$E8P6J-D1EXZAL M HO-=)/6AW%0W01BQB85 &?&$"*VJ2%A5/:QJ65Y5[5#T
MSE6&64X>;:@+/:AL HO-](=6@22]9%! E8*H;!R536"QF6[24I"$UZW\00%8 M;[)#@@MQ H(+B>UIB##&M$MK)Q+63D X.&ZV,LQ[\LC#9..H; *+S?
20EG\D MNV2 0-5_J&P"-&V._SA6M,%XVX([X:((,2T2]NE*R60@7$$?.38?:31Q_J:AHJ MF\!B,_UTL.GOHKO^<+?]X>[[P]WX=PDYF&@YF+QQ[U_;+E1&
! G2+B0S X2 M+B3V! FMGI*P>O)4$5TSDV'6DT<=Z@H:*IO 8C/]HU5@PBX9'%"E("H;1V43 M6&RFF]043,(K@?
[@X&YI="J(3@COAH@@Q+1**Z>D8^]DT6P/;8,#:!WJXA@J M&T=E$UALIB>TV$LNN7LR0=5[J&P2]^X@S*%=E"F]C9Q",7L M34|<0%%*KR57
3VWO(! C* M/#V@957:L0C5_A0_3/^[J6I5)8G[AU_X!]!:=YV(VHM)8P"4#HAMKPN*T\PY M%@*@8N;9YI)J@9*&%Z;..AV1NEOT4KL'@%U\MOTNQ#D\
&!|SCXX[Q,N^H\] M(I$"U?O(-M/%4/L8"(ASO(C (JI9[TAU4H@#2L!(]D?M](09CPUKZ"R<50V
M@<5F^D:K@/22*B!%50&H;!R536"QF6[2*B!]HPI(W>)\9.]D' .@XZ-%SH'IOYJ5MD4GOG$8!)'#N!8C6U-QH H*'/R;J@I>&"
MUD[\1RTAACE/S2FH;!R536"QF=[1Q3>]Y.H 15T=0&7CJ&P"B\UTDQ8*](VK M Q18'7!..D @YZ0#)..@ H[TD'>G WP&4O!P V2#E]T(WA ":Q-UM &.JQ
M7Q?@M.,@R_&)GP('4FP]/P9 &;.-!>X$&#GN!IXV\MP+0'4A2\.%['EY'SC% M;YO?">$ Q,F&(1;3W3:[]P8- 8@=FD'0&)[U0_ $(_8I[J0I>%" M%A;
[1^P*"/.>G%!0IY)1V006FWDAB2Z]V26W#C'4K4.H;!R536"QF6[2,H&] M<>L0SU#@CCF?!@NOAF'0?=CT_[S)U]3NP9'@ACZT $|=VU@= 0\]J+],E+ N7
ML.==@A3:F]):WPGA$,2Q/;11QC1=E[F_59YWF!,0"Q"SL $MM5+(A MGN*&'=QR%:YB':7?M92 H1XE0&7CJ&P" MB|UTDU8'[(U'"1A0I#L'$"&0

G8)VLWTW MA@,8.TL* $,|DQR9+KFSCMT;QV?[S)UR9O92!H#)[-H.P!#GXC\(E'AR7J8K MURQ+"+*8ENNJ-@M7M4??>[BC,2[L=)SL8IR+#UV(M?7>:
##$KM[[!Q<1+Z7R3',#=!5-BLVJWMTQN_]T?!\OTA^W=RM;G]_'U. 8^ MY_&UV-TAK>EW5UI_5 -AOJJBA7Q2CQJ|SY0_RMTMT;LW=;'>7H/\I:CK8KE]
M.9/Y5)8-0/W]J2CJ[V^:!^SOZK[[/U!+ P04 " \C699|11VTA4% L M' &0 'AL+W=OJ=S M,W,3$,9?J>V9Q-!I9FZFF22W?>CT@< ZIA>0*|EQVE]?
\6$P8DV2AKPD()'] MTM$NRRZ:[1C_+M8 DCPG<2KFQEK*S;EIBF -B2_.V 92]8&-?8#M]'C M6F8#YF*V\1_A#N2WS0U7=V;%$D8)I")B*>&PFAL7]-
RS5O8WG+=K] *6B8|04L%OE?LBNQED&"K9 L*8W5"I(H M+?[[S^5&'!@H'MS +@ULW< Y8C H#0:OG<$I#9S7SC L#7+I9J$]WSC7E_YB MQMF.|
RMV+*+?/=S:[5?49H%RIWDZM=(VSO[OUG$.2S"]*/8G&B^+[= MN>3SIQ/RB40IN8[B6$TC9J94 K)EF$&YV,MBL?:1Q0[(-4OE6A O#2%$[-UN
M^VF'O:DVKMH]>[][EW8GX1ULSLC ^D)LRW:0]2Q?;S[Y+QO=N]_S][8C$$5 M2H.<;_!"*-W"AO$|:
Z#ZH^O"DZN)"3B3|SS!;>#V;&,&UEA3V,90.M$BP&N#)N,Q MKG%<:1QW:OS*A" JD$-XD*J "2'9'(OC<7N#1YK2-L32=+Y,XB$0BHN<5"(G
MG2*O4@DJ+<@./TZ0(-2B<(E@AGJD(ACJV)I"##0:X1JGE<9I=[#FCR0\JTI8 MP!>2@L1D3I&9M5!
<8A@MI%T$XTPUE0AFB&ND5EUU62]X|K!N*MQ)9%8WH561 MU7[R=(\M$9"M>|Q%0-.IGH$0T-
@Z)OF@T*2=DN^9]&,BBB(!5=EI_J82H%V5S>N+K>FFNIRFG<7@XB+\2_5_JLGR M+J_NW0O4%X/6DSK4<]P2
3E6*S&T0=09ZZD00]'1]$AJJ.M2^J&%:?!GK MKW04I%^3W\G]YJ34)YO;*YO7%UO32W693<[H+.+?[*8^V=Q>V;R^V)INJAL% MVMTIO.]A:M?
UK7<*UF?HJ03!M+I=#'2DW:5U"T&[>X@EXRHZ?0G[/@)5V'$T5-Y)M M\K.7!R8E2_++-?@A\ R@?E\Q)O'B/U!+ P04 " \C699-48/ MB5,# #_#P &0
'AL+W=OJ\FE_.)8:D300*Q4!)8_FU@"DFBE.0Y?E6B1KVG(C;'._5/A?'2F#O,84J3 M[V0N5A-C:* Y+/ Z$3=T^QDJ@WRE%].$%[]H6V$M
|5K+FA:D>4)4I*5__BA M4:UDQE7 MY[DHS^,|<1X77=%,K#B*LCG,>_CA8?[H -^4OJD=Y.P<=.$<%)Q!?H)OK$'UL<^M^L4"W6*19K$6@'RZ@!Y
MA]2#W36%QC7M"T6I,BA4U+MD$PR=L;EI.G@?XH_:D' ?XM@=3+2/L0=>C6D9 MZ==&^@>-_$J5B;S,Q3[K#M)?FF@ZQ4*=8I$FL58,!G4,!J]8"08Z
Z13+-0I M%FD2:P7HM [0J99*4*KXC?MYVKG"TWV(]W4JP3[$L>U.)=C'V+[;7PF&M9'# MPT92)M,/"^BS["#UI4FF4RS4*19I$FOY?U3[?_2*56"D,T
ZQ4*=8I$FL5: M;.OQ^][24@:+VNW4@1Z(WZD#/9!AIPST0!JEHK32;#0T*;!ET4ER%--U M)LJOU7JU[E;/BQZMLWYAGTWMGO50=;=%
_4H7[;&5Y@M2<91 @NYE75R*@L6 M*[O-O9#NF25W1IGXTDHP]AS^:NO0='?)*NGW-BZ_E2LK*^V.[RV]W.2O=R-_]/V-S^OEJFK>&-_?[M*E?)35;[M/
M1?UJ?*(LUEN9E>L\|PKY=#=ZY]^(9-8TV"O^L9:OY=G/7C.4+WG^M7GQ87$W MFC2?2&[DO&H0:?W?BWR0FTU#JC_'?
X[0T:G/IN'YS]_IO^P'7P_F2UK*AWSS M^WI1K>Y&TY&WD$_I\Z;ZG+_^51X'Q!K>/-^4^W^]UZ-V,O+FSV65;X^-ZT^P M76>'_],_C@?BK$'-
H1L$QP:!V2#J:! >&X37]A =&T37]L".#?9#'Q_&OC]P M/*W2^]LB?_6*1EW3FA_V1W_?NCY>ZZR9*(J54?]V7;>K[A_EL@Y[Y7W(#I.N
M"=X;CZ_+=+DLY/+P1OD?98O,GN6WI=OWL?TWWGAB6Q1_U1\K>?RHRQ>Y,+[MD'3!1V?
M+O0^YEFU*IO>Y()HS^WM9Y;VX_I(G0Y7\/UPO0^LP$>Y>^N%DY^]8!)$Q.=Y MN+YY2 WG_^M=].Y=.QCA:>Z$>U[8P3O.B9^/,^)A/UMEX?WS;
[70^U#);?DO M*N8':D13F\QX4^[2N;P;U:FO;.;6Z/[/?_+CR5^H XZ$<21,@&!::*)3:"(; M_?XQW4CR^W9H%N^;-7]$7N[I:+-[NTJ+YY9=Q3=V^_MY_ZS_O
MRV;.?2KRQ?.\(D=NA;K..B2,(V$"!-,B,SM%9C9(0I@A0X.$<21,@&!::/R) M.L^?]$L)QW;G7])99*8$0I3,S)1 B((D#HV<0*DB/Z*3@G_F8WSGM/!+6E8R
M6V=+[_%;V4P_LK&\X",T40HJB5(MHBWT^8F2+:JMFTX[3!5Y;(MWNB[A,'6(.7Z?*MS ML62)N/V'G85FEB!$06)FB;8HF4W,)-

*$6Q6'7:80R3K[=.9&G$7FQK!/$[RLI M-_3(K4SGN8>D<2A-H&AZ=)3U\Z?#) >H^X/2.)0F4#0]0,H!^E878TD., ^*L MO^4R"-&4F&^\AW]:S<;Y. M-J0AL,-=)R&4QJ$T@:+I85)6,/ 'R1(!U E":1Q*$RB:'B#E! .KD>G.$L=V MVHE_;!H-0C0-C+,#3HB":6RN3U*J\"PMZ>-31BJP&ZGK\|1U:Y?V[IPG)G3+ M#$H3*)H>.&41@VB8S %UAU :A]($BJ8'2+G#P+[WUYTY6'L_XLP-']L6Q1% ML9DYVB*?L M(&4J0_O^8F?V.+8S:BJ,[$&)8G-E@Q"QUMX((8K.BC/TT2E'%MH=F=MYQZ7U M4'MGSI,2NF,'I0D430_;60'F0!68V!),; TFM@AS"$,9*D,9]JS#/+8[_QI/ MS)QQ4<(O2X15HH]*N;#0L0+3R!9D]#M.RA-H&AZU)2)#(>IX RA-A%*XU":0-'TJSJ4 M38QZ5G%&[:I*OY4T*%'+A1 B%AN+I((233KV5R/EL2+W&DXZ:5RU]&GOS756 M0FD<2A,HFAXWY1ZC82H[(ZA/A-(XE"90-#U RB=&/2L[HW:E962N75 :\TR# MT/A^ZV(P0A3Z'4GC[$HW]|).VYG&%:N>]AZ=YR5T.P]*$RB:'CME)*-ABCTC MJ(N$TCB4)E T/4#*148]BSVC=O4E2\S$T=:8VRJVB[D7?IYMB? Q:I%FYRXMJ?[L,:O1VOO/UZ-!M M.BA-H&AZD)2%9,/4?C*H5X32.)0F4#0]0,HKLIZUGZQ=BQGZ9HJ@1,PH$.6$ MR)^8*$&JNA8^F;):S+WVLS-57+? |:>_1>6Y"=^N@-(&BZ;%35I(-4_I)H'X1 M2N-0FD#1] "=W?FE9_DG:Y=CME+'10F_+!%6B3XJ9;*8>]&G+65I+,[5(ZY;_K1WYCPIH7MW4)I T?2P*3,9#U/] M&4.](I3&H32!HNDW]55>,>E9_9D0]]0,S/MF$")_:JYE$*+8K @3A(A-.ZY! M2Y312MRK/SNRQE4KH/;N7*,I,)L/4?R90(PFE<2A-H&AZ@)213'K6? R942::9.:C:3C-S M$#6BIDFA-!WWZ$K.GI#@7OW9=;9Q:>W3WI7S=(1NY4%I D73@Z:,93), ^6<" MM9!0&H?2!(JF!TA9R*1G^>>QW?F3@,S-DLL2? EDBK)+#J,9GCTNK9\]R_YRZ MTIOGSUEU>/K5Z=W3L_#>[9\ 9[S_WK]Y\(GWN7\C#D^Z4_C#@_<^ID5]#E)Z M&_E4=S5YVZ3WXO LN\.+*M_M']:V):_JJ;W_<273A2P:0?W[ISROOK]H.C@] M4?#^?U!+ P04 " \C699] HT9JD# #9# &0 'AL+W=O*/[M80F<&T>8 MQK^53ZL.:0Q/GX_>/Q;G,I#D0:-'HS#X7ZA37JQ5*S3YZUQ+<,[;2W :5E M'NAD#R)5,>*^&D(88?]JM]^UF-O MHU2U7NY1KT>WU^$S9+=DZ/Q$7, <==>2S?+OYL(O._XON_^?H9V(,Z\TS+/P- MW[QY-L"IAI \///-,-=\??#%E%8$/[I6OXRP*@[@"F2]RJC 2PLK((*Y!XL M[_D[&R51O4JC?J\> [_1%Q%%)!!*=Y[TGI26)MK M9>|-YO;^5->+B%4;,3U'^'T^SFB-:UKC7EH;V(-4E"LB(H*R[9G(%7_!RRL0 M$@\[X27O2M!.ZF6$\4E2-TWN;8C3X'[9B=|+.6,_J=E/>MFOJZOZ>Q7.<'UO M)&@F >]Q3;:00H05'(MQBOV& JUY\08+M7_=I<;D$M5E&^$VQ+CHPV\CQMU2 MW-52W/5*\0G97>VP);HF7"B%"U[6("U(B$V(T@P+%!3;A"J4016B;7.%?G", M.R$66G$AP[E:#L0[J8SUK5I[66;7-6_6??A#T7XVYA\']/\M!Q_P*^_:RS?[N MOFSZGU >EBK"(<)0SNT=KI$L&^ERH$56=(I;H;'O+!YC_/8 :0#X/A)"'P&PO=V]R:W-H M965TA])YJ2/QE3C9"OE-K3C7 MZ'L2I^JZM])Z? =7OJW#%$Z;>BS5/S2\+(1.FS5>Y[*NUY&R>!R5Q'P\&XW["MHK0WG>3;[N1T(C8ZCE>)Y':) F3SS<\%MOKGM=[V? E6JYTM]$_G:S9DM]S M_;"^D^9;OZ+,HX2G*A(IDGQQW?O@75%_D 7D+?Z(^%;M?$;9H3P*\2W[\G%^ MW1MD>\1C'NH,PF<;A16B1EL-F#)$]+_^Q[MF8B= .R]$H#+ -P,P*|$^&6 ?VS L P8-@+\UW9I5 :,CNUA7 :,\]P7R;!$=I-K+NM32_1B9.3[]PI>4FU!L9I4O$TCGZ MT:^X1&>15F_1;,7DDBOT#GUF4K)L(*"S@&L6Q>;7-RA*T6T4QV:8J$E? MFUW*P/VP['Y6=(]?Z=Y'MR+5*X5(.N?SEGCBCK]TQ/=-*J\X)=|W& G\)8] M(J_[">$!'J*!^P"=O7G;=EANRCU?OT?^X" F.! [C.S#D/^P-XLDZ%L^>/!SF[Z0L 21B!A% AFR3VLY!ZZZ"VE1Q2E)WPI M/6%1>MK$=J*[BEW QCDLNQ0_3=]YD_[3KH3[389V"[+? C<@=+_)1=7"2N&H M2N'H0 J?N%0L1F*!S($^16*CXF=SQ0^%-/40Q>Q9+!:H3$%;'IW\KGDL8*.= MXVNF<;_%H)'&@PSJ:F%E<5QE<>S,XJ.H MR)&+8>7HO,K1N3-'GS?)HSDWS3A[N6XHQ)028<2T&6C;2*]>1EN>1_2/ZP)S MX^RL:THA80$DC)SOR8 O_8940!U;JEYXX5?T0AN8>7^82SKGI()/3W,FU M2>8D=94,$A9<'#QA+O9K:C"!OLM&LD@!QETO\6H/5W>H)Z(#(Y*V"-/^2)JK\1N1-=4@=(" M4!H!I5$HFBWMSAS3.^6-?4F'4AV2%H#2""B-0M%LU7&M.H:J@&Y29X7QP1I8 M-G%<$4A+DV85;.GHM3)8SX$]YYQK^I!&V=7X7IN+LLI/DQE+V9R9&ZJC*B3H M+!B4%H#2""B-0M%LU>NIL# <|:84$G0Z#T@)0&@&E42B:K7H]>_?VR\@Z=)LX3(OT\59VVY2N3F=18.D!: T DJC M4#1;W]KJ\,Y/6HQ!S0U06@!*(Z T"D6S5:^M$,_MA0 [7. [>.H|"4,,$E$:| M%O_%:YJV4%W:XM9FC.=V8RA3FJ?9Z7S_K+(SMU4R4",&E!: T@@HC4+1[>V MM7&$!Z M-AYF4J@N;7%KZPB[K2,JY-* (^'7%>=Q:JMWQG>6"I 6@-)*HU T6]?:W,(G M?<,#@YI;H+0 E$9 :12*9JM>FUO8_:('=*D&-;H :0$HC90TZZED\TD_5(^V MMK6%A=T6UL-O1JVC#1$WK+-TH"X6*(V TB@4S1:Y-KSP^*1E&]0& Z4%H#0" M2J-0-%OUV@;#[E=^?F%1BLYBH=1;)%*D6,RS&FXJ-V_]E3R[/?H&J^[S%H; M-9[.N7>LLRA'[!:%ZM+.=6T^8;?YM%-&T9T4JZ0C%?F*X&[_-S9PL%CP57[18YPMT'H76(LD_KCB; M 9 M >&PO=V]R:W-H965TLD-K--:;_] ["0DY((AG7D#N3W/W_XE=A[P M9$?9#[Y&2("W)"9\;JV%V-S9-@_7*('\EFX0D6>6E"50R%VVLOF&(1BEHB2V M/<<9V G$Q)I-TF-/;#:A6Q%C@IX8X-LD@>S] <5T-[5<:W_@&:_60AVP9Y,- M7*$7)+YOGIC(<$P)8&@YM>[=N\|#K*4%ZQ9\8[?C!-E!=65#Z0^W\ M$4TM1[4(Q2@4R@+*KU?8)=? ZU@@W')!DUPL6Y!@DGW#MQS$ M@4#ZM N\7."=*_!S@5\7](X(>KD@16UG74DY!%# V831'6#J:NFF-E*8J5IV M'Q-UWU\$DV>QU(G9,^*";4.Q99BL "01^";6B(&K.4,1%OP:S->0K1 '-^!> MW2,LWM/+I!"Q5P0>8 Q)*,_+9Q!4W?;*JP)B&/I=0.^OP3@ZM,U^ 0P 8\X MCN7-YQ-;R*ZH!MEAWNR'K-G>D6; [X)$2L>;@5Q*AJ$4_U^O'&KTM$18!,2A@##H\,VK"I>F!'&9S M:AL>K6%7/(,&'L^MX3%4KX)G6. 9:O&D+ZDV'"%I95PC#YC/B]FH4#!6L4!@5 M%$8?F5@0B4[,*EK;KI1KU@62H7(71N& TUC*Z#7+9,AD4*))Y4!8(,52) MLPW+N#$_UI[Y^;@Y+&IJ;7KXQ165#KA.&=$<;1>^PG>Z7(*0\O9Y42_O>CN-MN@6FW*KH#M*M>Y$@D]N:0FK2+3#E5D7JE4B]BZ49O75GK%YC-/9KH]%4P2JK M,D:[VEQY.M+H]9V!^,T7UJ!.Y!))V"VCL-LE"Y^5:_2.G1GU3KZN3!6L(BIC ML*O/P4>SC5[7&40S 3MU$)=(P&X9@=TN&;A#O-'[=@;5S,*-076)+.R68=@] M(PUG?N@-"TU2,!J/C;H%IMRJ#,LH[8XNDQ2,9FFC;H$IMRK2,GF[^NC]OY*" MUKHSUM.YW53!ZK^'9<;W]!G_9%+0Z[L"R=VJ/VUK1$Q5K!(IH[NGS;$?20IZ MQ\Z,W :CQJ]_4Q6KC,HL[NFS^-&HH-=U)M$,VLT_0DR5K*(HH[:GC]H?#@MZ MW\ZHFA&\,:XND<"],H%[^@3^&\0$7,64|VM "> P1H N >0<'9EYC.9OK_DG MJ(WKUQ$93>#VP?)8@N3DH989N4Q)6R*R%9[B:+&4>9\NX-6.$]V[(%N0+&VR M]=%'.2=APD&,EM+2N1W*!X!E2X[9CJ";=!%N086@2;JY1C!"3%T@SR\I%?L= M5:!8^)W]!U!+ P04 " \C699@>-JR,@$ #4& &0 'AL+W=O9KA 1X MS3/"I\Y:B.+&=7FR1CGDE[1 1'Y94I9#(5_9RN4%0S"MC/+,#3QOY.80$V0_;O'28['[A:^V(P/)8S8(:H- M-1@<,0AK@_"M/0QJ@\%;>QC6!I5T=Z>];^REO[" MI)PH3X+)KUC:B=FBCCDD*?A=K!$#"\H%0P(S).># '>(H"46'%R .($8IBE.]B@)X0*<14A G/%S:?/I*0)G'\[!!X)>,!9)COC$U?(MH9<#<)-ZF'>[809'AAF"!TK$FH.8I"@UV$=V^['%WI4N:_P6[/UV%U@)GU!Q M"4+O(PB\8& 8S_SMYJ%)SG_K/? [FWCO.")M)%%9\X1&^2,;>H+29!8L,$A!A MGF24;Q@"?_TJ/X-[@7+^MRGV._:!F;U,E3>\@ F:.C(7D#/[\0Y,UD MR*5Z<;#0G]N%3N32YDB(K/K"P5E\;@K; MKL=1U6.Y(;W,O(G[-K&NKK'LBD'26.*KK6M=UK0C3 M(8&J3(<,1XHT'3+RS-K&C;:Q55O\6L@27"XKF=DWC "9YXIR84N[HQU8VU M,5SX5XI:$T;Q2&3 #-50FC!'LKGOM16L9Y7\B!*Z(OB+%%UN7/+HL8$,PPR< MK>1!Z1S(? &*N.#UM-&-%MP&BN"8R0(*A(MN$\8_(/BC<_?]]1Z^[M*S7N0&B M[NFG66(#Y-@\"%]'!%:'E >28G\@2:J#2.T!L]9 7^5J^GH#)C)@0E^5:\"$ M1_2V1;=O+1AG;= -,3U;:\/394YM;ZO? M#! MV^N0@:I.AQS+]FUIZMMKTV_>]?5R\D)3?1H3F3!JN6/'=(6WQ:MOKUYO M<\H$_@*K>U:Z!(7<\1C@]4RN\[]1N5YMJB.>FS"AJMR N5*56S%=Y6UIZ]MK MV_=N\&/MYD#7:\!HD39@M K(@%$W>/?@EC9';%5=CW,I9$/$][ZM:6VNX&^K MBV>E_R<"PW17Z[D70HKHC M?J9"T+QZ7".8(E8"Y/&ULM5AMD](P$/XK MF>HXYXQ>2WDY.($9C[:CCJ>,-^H'QP^A72!S:5*3 /KO3=)2>>GU0.L7:))] MGDV>W699AALN[N420*&?*65RY"R5RJY=5\9+2+&\Y!DPO3+G(L5*#*\7"E9D MG%A02EW?\WINB@ESQD,[-Q7C(5\I2AA,!9*K-,7BUPU0OADY+6<[\8DLELI, MN.-AAA=P!^IS-A5ZY)8L"4F!2<(9$C ?..:];U]' V%N#+P0VV;/KL\RPA FG7TFB MEB.G[Z $YGA%U2>^>0/%>;J&+^9AVD^T*6P]!\4KJ7A:@/4.4L+R;_RST&$' MH'FJ 7X!$\|%M M ^Q#0>0#0*0"=4SUT"T#W5 ^] M"SVN=B6:4#K/!X*/@& M"6.MV)1JGQM,B1S!+T$>U!(&F7"H!B@C0^:/0#3"8 M$R712_0!"X%-(]"+ !0F5#[7LY_O G3Q]#EZB@A#MX1232>'KM*;,R[H M[;U ON>WJ\Y3# [^#K(1W*N#!Z? J[^&_>8_^VON>ENTR2]N6K_T 7Z!3D$&R M348TI9BA@,B8$81HZ^G"6(-3CC M9T]:/>]55=R:) N:) N;)(L: (MN+=Z>,=Z>.7<<[UE52@KE2^(R2!39EZ 7* MBMMJ5EQ*5;'.F7N6V935];@U&+KKW0C6.C\W@A7^_'U_89/^HEI_>VIW2[6[MM6IO:T!FWBH)2E%]5>)6TMT[HO4/3])MR]6X5RIFB0+FB0+FR2+&B+;BVF_C&G_OU;E?I/Q;I(L M:)(L;)(L:HAL+]Z#,MZ#INI$+=&YH1T\6B>.+0[KQ*,^[7MM4\F)^TKH-6Q7RH>_2\I?Y#GS?XMU@LB*XV%.;: ME7=YI>]FD3?-^4#QS#9Y,ZYTRV@?EX 3$,9 K\|Y5]N:<5#^8,S\R0'$UW7'R3&P!%GO.,R9FS4:JX=ET9;R"G M\HH7P/#-BHN<*AR*M2L+ 30Q1GGF!IXW='.:,B>W"4SQ],K@@QBI2DH_CW!'+),,^$Z_JU(G=JG M-CQ\WK/_;L2CF"65,.?97VFB-C-G[) $5G2;J<]\]P=4@@::+^:9-+]D5V)' M?8?$6ZEX7AGC"O*4E?_TN0K$@0'RV V"RB!H&ISRT*L,>]_UT*\,^]_U,*@, MC'2WU&X"MZ"*AE/!=T1H-++I!Q-]8XWQ2IDNE$^2>,[61)&()!;[1;?]I,/>Q3#4L0CVL;@-.@D?H;@B/>^"!%[0MZQG M_GKSGDW.KWF/? MK[43!Z=6'T#%^OLS#N6,QS()0E^W*0Y.^;I50"=_@_MIR7 MK'T[JS[VKF5!8Y@Y>*Y)$$_@A.]_\X?>!UO WY)L\99DT1N1':6F7Z>FW\4> M? N3L4G.F,9"82R5Q3Q;5V:TSQ4W]"GPC0*4"\Q?79 D,5BEBSZ)S6]Y*ET/C M4M\N3^%XZCX=)./.-&!TC%FV$KN1#2&2!!#7D*!]#.AJ#SFC<,0488X6'D:Y5 MF[:28'#@]+*QKKD%,FBHLT#\!B;JQASI&];ZAIWZ\#[$VX[A92 $L/@[R;C$ M;7A!&"B;V&%K"4%#:QO1E-I&3!I"VXB>7>:HECGJ+F]\9+#3R=+_(#%5O&7U ML%1L$SMZ2&*9M4Q"_LNZ830BFIHKYU2J@W3U&K!])N;TH)I)M$]:!5S M$&O3HTNLPBU397-0S];? 3>F^VW,W_K7<]\RO]#?#:8U_4%??G3<4[%.F209 MK-"5=S7"K(BRCR\'BA>F45URA6VO>=S@MP\(#<#W*\[5?J =U%]3X?]02P,$ M% @/(UF6&ULK55=3]LP%/TK5D"HE1A)4YHQ:"/1TFF5"D-4; _3'DQZFU@X=F:[M+?S[73MIZ$2(O-I+XZ]S?,[U[;W#K52/.@,PY"GG0H^\S)CBW/=UDD%.]8DL M0.#.2J]<&IRJU->% KITH)S[81!$?DZ9\.*A6[M5\5"N#6<";A71ZSRGZGD, M7&Y'7L_;+=RQ-#-VP8^'!4UA >:^N%4X\VN6)9>]\TEDS[L# M/QAL]=Z86"UK4$XZT[7"W.J2SM'!61@&%_/Q;.J&O8LNF7#*"8A$$8-NEY/[S?(J=?/VO?\??? X)M+K1<%S2!D8?50H/:@!W]M(T]OH,-IB>FI%P1I-\PN=;\&4M.(A4^-N',L)261227:V&:HM%Z MQ4>C49)%CLR6U4T<#H;^IL'CH/8X:/4XAQ0-K@ :_SNMV(^*'[P2WVO6'M7: MHW;M-C>3.C>?C_&5Y(;9OM!D)GIU?_02O%)BZWT?S39_KYCFH%+78ZQ@S)2R MKM:K=1N[=-7;? SE>]L!KJE(F-.&P0FAP\AECJ^!) H+>44#ZVED*L;FR;1TM(,>^P%5#Y9LZR% LYS!8V7V6 XUPD);;G M.'T[Q0FU)J-\[B&;C-A:D(3"0X;X.DUQ]O,6"-N,+=?:3CPFBZ50$_9DM,(+ MF(%X6CUD\](N?+,V(L:W,5C MRU$K @*14!!8_KW"% A12'(=_Y2@5FR53*>X_;]&_Y\Y+9YXQARDC?R:Q6(ZM M@85BF.,U$8]L\RN4#OD*+V*$Y[]H4\HZ%HK67+"T5)8K2!-:_..WDH@]!8FC M5_!*!:^IT#NBT"T5NJ=:Z)4*O5,M^*5"[KI=^)X3%V"!)Z.,;5"FI"6:>LC9 MS[4E7PE5B3(3F7R;2#TQN:,12P']CM^ HR_H!\XRK$*'+@(0.'"\4LX^S0)T M\>D2?4()1?<)(3+$?&0+:5^AV%%IZ[:PY1VQU47WC(HE1R&-(=;H!^WZPQ9] M6_I=.>]MG;_U6@%GL.J@KG.%/,?K:=8S/5V]JW/G_UD/_[/U&AG=*A.Z.5[W MW4Q 4TES0A= HY_HK]^D'+H3D/*_=2$O0'MZ4%7F;O@*1S"V9!WCD+V"-?G\ MBJMWONKX-@D6F 0+#8'5(M.K(M-K0Y^$\SGD]51NOSQ&0L9(;E.0E3IB-$I(M@O.J>X$YPF@%60147.JB51ARG=R2^HB\3IR.YPQ']NM^' JQ85VJ6Q<*3L,* MW\&J,>)7C/A&&+E2[\DZELF,XH1'&4B11.7R"5SY.O^7\&"O-$[WD!U]];Q)=>O^&V1J;A M2Z 1\0<-?P]EW".Y<5UY>]WJ[0_9797.R6P@,BEB)!AZZLPZ: XQ9)@@3&/$ MA6V.LUR&A=T;EUZWU[H2%[-7X'%;^#]KWW M%@'G>2YM:9;]JJ2312](;D;9PO)||^FX'!SXUMQ.K<;/I?+07+,Z'4H,].DW MK.@9MM(S;>ROG!PFEB I2C$A1? G1<=.*>^Z7U"18,#P@J5FVVB1J-+K.KC%U M6HF\VZOLQ1*U':=S4$"<1D:]+Q*4(OYQD5 CXCE'?-QKOMU6'Y]F6I]:E<[- M!*-H@5&TT!1:G7YO1[_W$2UOB6HJ/B;1 J-HH2FT>GQV)Q*WM:V>/ (!S &Q M.7K%9%TTN;*&L@VF$5RIT@K)@A9]3? $!OT(X96LJM'$S>E8QBA:4:/M%]M^L M0!]Q!G%WAQ"W_13R/5.D:WEM53R;5Y-H@5&TT!1:/02[4X,R%TB]:CU,G1T? MDVB!4;30%%H]/KMSEMM^T#JQ96D%.3L<)M$"HVBA>WBZ.^B9[+V[RQ1DZZPN MC;D\2,@B7EQ>5;/5Q?2W_#JV,7_KWDQ=S7R@+K+SN](=?'$+?B\[]81R1& N M33F=:YD]67&Q7 P$6^4WI\],");FCTO \@BI!.3[.6-B.U &]NO]R;]02P,$ M% @ /(UF64Q1Y);5 P ' T !D !X;"]W;W)K&ULK5??!1M8H35ROTQFX*67.PDD1E M:4KEWW-(Q&']=)WCQ!>VC;69<&>3'=W"$^BONY7$D5NR1"P%KIC@1,)FZMQW M[Y9C@[>WQ@"TRE= M&L/3YR/[CS9VC&5-%2Q$\CN+=#QU1@Z)8$.S1'\1AY^@B,C)M]\J0EOF5HIV(H*L 4\5(!'F4P*.F8:T M\+[YY"@#O$ZPW/,LH[I#KP2!41T=AI:&P"K'[8BJ R M6-U1,"P "L|'U-+L(;;EY*],,A4Q>]HK,TL.,0MCPH75= T<-DP3IK"9",66 MLW\;J_Q\4%>N6U&N#]DJ5T=4.)9MB#/EAJ5RPU;E3&DL/G!R] M7$0$%Q'+.L)[95.,RM!&K:']K&.0;Z@3HWKJ^H-*A V82FJ"!H@_J@39@!DV M!SDN@QQ?**5%=V/W[DNMA,90Q_5BYE4BK4/\2M4,ZI"N7TUG V8XJ(3JGK1[M*=^@M]_M_P2.66X0>? MP 9==6Z'F!.9]^+Y0(N=;3;70F/K:A]C_'T!:0#X?B.$/@Z,@_*':/8O4$L# M!!0 (#R-9EFT5H3R% 0 -4/ 9 >&PO=V]R:W-H965T+/H2K] [#SSV/-X,IX9'QE_%5L B;[E&1439ROE;N2Z(ME" MCL4#VP%5;]:,YUBJ(=^X8L8[Y/S/(V"'B^,YIXIELME)/N-/Q#F]@"?)EM^!JY%8L*.(_^ M*/:-@4'\3N HSIZ1=F7%V*L>?$DGCJ=W!!DD4E-@]7> .6299E+[^+LD=:HU MM>'Y\XG]5^.\NT%0&@1U@\X;!F%I$%Z[0J]&N A+/!US=D1T2?T# FC"\7WLHS0W8=[)/2" A&*GDB6*2[Q$7TX'XY= MJ9S46W63TJ%9X5#PAD,A>F)4;@6*:0JIQ3YJMQ^VV+M*W$KAX*3P+&@E7,+N M 87>1Q1X0<>RG_GUYJ'-G?*

*^V>OS#JU^($5;A%AJ^\/IP^_-Q)217">,OVV$7 M=!T[G+S:E;TD6W9(LOA'9Q9ETJC/IM+%/ MOZKKB-"$Y6 [@,*V9VSUK7.8AF$P=@_GNC8Q_F!PB8F:F$''O\3$34PW&%:8 M"^>ZE7/=5N=^ R%&2*FV!LY5)A(FHZ7D0%*@J5!W2I*I*+0EBEG!W#UWJ^;X MNXBHB:B)%[O=/:VR=%K;#0,ZX(T,?Z@7Y.DB1F$PYHH34PWZ-MEZ5>R]/]/6=+B M*K,)T[=\(G5AFIBF,$U,4Y@FYDUA!I4P@U9A'@_ 54UXNHQ5-2FDNKQ5FCY% M [HCI1[BWB; H'%:':_V_<\M&+_V*417\,3M/!<"#"L!ANV7TGJMRE9=U9A# M5H4K$I#L.9$$Q,CF\/"6M](MR:);DL4W(KLX%-_[7IEZK7%9%)^ZC-P!-]4F M55\G/F*N\O8[$5E2M^3=N042UN+Q?4AL@73MT>B?E>3^CW^091YZ5P#?\IUX M=0ELH&Y=!!NH?G-;0?6\(Y)ZU*3GPC>D/ARJ+$K*:K7K01]-YU>9G_FCN M6^8CW;.:MN@[?=`P/F&^(52@#-9J*>^AKW;*BQZR&$BV,TW2BDG5J[M@6N >K]F3)X&>H&JDY_^"U!+ P04 " \C699_LN:\"4' #Q0@ &0 M 'AL+W=OQ*@<7!B2[O[Z'0[!!I,)5M^5>I,8/.\SW\"\S)CY MX.(QBK\E6\8X^1'X87+9VW*^.Q\,DO66!6[2CW8L%-_<17'@R#[%)$F#P(W_>[1@L+G;N/;MA_,ON4RRV!A5EXP4L3+PH)#&[N^Q=T7.'SC-!7N*KQQZ3 M@\\D:\IM%'W+-LS-94_)(F(^6_,,X8I_#^R:^7Y&$G%\+Z&]JLY,>/CYB:[G MC1>-N743=AWY?WH;OKWLS7IDP^[?HT>#E0T:9[QUY"?Y7_)8EE5Z9)TF M/ I*L8@@\,+BO_NC/! ' L%I%ZBE0.TJ&):"85,P>D8P*@6CKH)Q*1AW%4Q* MP:2K8%H*IET%LU(PZWJ4YJ5@WK4&JCR=.:6SI#K91V?[6\+(/>=?.]:(S>F'FPAL>BV\]H>,+S8U#+[Q/R'<6DYNM M&S/BAAMR'06!\,@-CJ;?R%ORP8UC-[,+>;UDW/7\Y(W8^^5F25Z_>D->D0%) M,FE"O)!\"3V>G(F=XO-[S_>%UY*+ 1>Q9C4.UF5<[XJXU&?BHN1]%/)M0K1P MPS8M^FNY?OB2WI3KYQ+]0!SCZD"K3P?ZG2H%?ESS/AG2,Z(JZJBM/7+Y#=L) MN? *L?"F76VDHE6MR^7LWE@:O=P]^V")?=0^^36YT#[Y-;O[M\G=);+J:07#ZO+Q3#G#;M?+OZZNDUX+$;3O]M<7N!&[;ALBG&> M[-PUN^R).43"X@?66_S^&YTH?[19! E;(F$:$J8C82LDS$#"3"3,0L)L),P! MP6IV'55V'%B,E"E5YY.YNDGK3\1W4MBI9BU@DX.+*E6: ^!Q MF4FCB-:"&3?*Z,=EU.8PU2$:XV6,>5QD2)NC28>(;>21=D"P6@^;5CUL*NUA M5P\L=N\9V<7>6OP5XT+>U?(05YIL]GM:YUU2]JD=KH!-#X[[?-17U4:7.RXU MH_W)I-'KCDM-)OW9M-'OCDN-YOUAH\952ZE1?]PH9;24&O:'C;C,XU+327_: MZ*56"VO<5YIS&>3!=T"P6A^<57UP)N^#*=]&L?>OF+7L+W#$#:(TY&V]3DH[MM=P%)6T)I&I2F0VDK*,V TDPHS8+2;"C- M0='J7E7W7E5_B7O%91@HRR-I2RA-@])T*&T%I1E0F@FE65":#:4Y*%K=\ONT M!RI=IEU\2(-;X5OA8U>8_VWE_F3O_A>65.45G&SFX=$27?->,K1"#4K37PY_ M!:W0@-+,E\.W7BYB0V-R4+2Z0?:)!E2>:7"3WB;L>\I"3K0'UGZ?48XXV0)(MVA)*TZT'4I;06D&E&9":1:49D-I#HI6M^L^VX'^&ND.%)KO *4MH30-2M.A MM!649D!I)I1F06DVE.:@:'7+[U,?*#3W@1XOVS?SQ*[E-9[L1R1-@])T*&T%MI1E0F@FE65":#:4Y*%K=C_M$$?I_9HK0XPxJ@S[=-RT*#*K80FE:5:;#J6M MH#0#2C.A- M*LZ$T!T6K6W2?1T/EB33%HLS!0)D_&Q4H1^%:'L/)#H6FS$!I.I2V@M(,*,V\$TBPHS8;2'!2M[M!]+@Z5)^-\9MF3 MYMD3+>Z)26\EN)9 I,ZG37,BE0V@I*,ZT$TJSH#0;2G-0M,*< M@X.GS ,6W^?O3DC(.G-8\01IM;=Z/\-5_I1Z8_\U/3=HRWZ3GEO%VQ?V^.)E M$._=^-X+$^*S.U&5TI^*434NWJ]0;/!HES_C?AMQ'@7YQRUS-RS."HCO[Z*(M/VUD%51ON5C\!U!+ P04 " \C699 2/]+<0# "I#@ &0 'AL+W=O M,T2!#.[S&_#5[I])G M5"IAE."4120%%&^'VMAZ6'D2GP/^C/")7;2!7,F&D#?9685#S90&X1@'7"H@ M\3KB"8YC*23,^+O4U*HI)?&R?5:?YVL7:]D@ABU*$]"UY7@EP2_JY=Z):'7=89^2>CGZ5#$+P_^%'$T M&E!R E2BA9ILY!F4LT7,HU3F^II3\342/#Z:(9I&Z8Z!9TS!>H\H!B@-P80DMB4C%-2?!&_@,QD$@TI,BCL,2](*S PWV(LT8N)MBCJ*8W0ODZWH*[C[<@P_ M$PB&8A2\)I&G'T2@Z+]%,6Q2',V,+BP7UIA!*6MCX6M]CNV0O!$4KYG8):& M.%3PE^W\?@O?$'ZKG&>?G?=HMPJN<:8#:'X"MFD["GLF[?3?#VDK?=I.?T)4 MT*UWZ;/NQD,%?=[=>!5]T=UX%7WY_SR_^L]KOTH$6.TBF.O![KOHVWC#.!7_ M\N^J1"_D'+66(8"/-3$ <8P/6)M]/$WRS._J++LEF+36XK-;BDVOZ78 MXI9BRUN*K6XD=I7'3I7'3IOZZ.LAV8@,)MOSO_M._+"+YKTJC0LU-U>3MZKC MR#(]"\H]=;S,T";.AXX/_6O8M FS;0?:;O\:-VOB7-/KF>8U;*Z4\^R^%1RO-3A_$(YBE=\+FG>U M0VIY.FEBO!IDJ!Q:YA9$V/7UC[O8,WBWV6630BT:C*K=HL+)QL7]8$TUU> M]#0D$/*B\.W&JWJJG%>3M3&'ZV'A:487XHZK"B;?LD719RX?^RBE($8;\54 MID@3#="B,"HZG&3YK7E#N+B#Y\V]J"4QE0#Q?4L(/W?D!%5U.OH'4$L#!!0M (#R-9EG#/%_1X@<'HW 9 >&PO=V]R:W-H965T#M1";T^&P M3-8T)^4;MJ&%_&7)>ZO.2K8;GAE"SJ1GDV##QO/,Q)6@SF9_5WUWQ^QK8BM2PMZS5&YS7/"OUS2C-V=#_S!PQ;R:KAC6:0Y M+SZK!KN?WY@_[4V7AIS0TIZQ;*_TH58GP^F [2@2[+- MQ =V]QMM#1I5? G+ROHONFNQW@EVU*PO&TL[R!/B^8_N6\=L== \L -@K9! MH#<(>QK@M@$^MH>P;1 >V\.H;5";/FQLKQT7$4'F9YS=(5ZA)5OUH?9^W5KZ M*RVJ@?)1*L9ATO9[V?0;]/2+T3M6B'6) MXF)!%T#[R-Y^9FD_E#[8.2)X<,1E8"7\2#=O$/9>H\ +0N!^KHYOCB%SOJ_W M^)M[[S@#[T8%KOEPWZAX?_4670C!TYNM(#<918*A:\)I(5ZC/^3RQ9;H$[E' M?W]@68;DC+TC?/$/- J:?D*XGVH5/"TW)*'G SGF2LIOZ6#^\T_^V/L%"H%+MLL@E6>R(K!.LLT,8^OZ2KM"C28B57S(P4"87BT%",:XHJ>=S.PV R.1O> M[OO7!.')9-0%10"3AS6F&& :>_X.U+%SM+-S9!V4S?*4=):GM)#7%+W,Y#+U MZA0R?.1R +HDBUR2Q8[(.H$9[P(SM@[3TR0#!T,SVM4-"N'(/=0I)I.1GMC M9NQI]2$G(2!-CY-#-8@,4 S@\?F9.>"B=4%,@L=F(3H\]PY&'-/A.$IQ/= MP&.8X@-,'2.G.R.G5B/W:P4&1+N*,F2ZE?6Q4] E6>22+'9$U@G-;!>:V3,E M[)G+8+DDBUR2Q8[(.L'R/55T>]^?LEN.SC+E3T=3;K#DZ(86=)D*6.%;N1\]J.UVR14[98E=LW2@IX>/;E8^[[.X[ME4-.V2*G;+$KMF[(E"3R[9KHN P/")'Q--!7$@@5AOI" G+-]'4$0HUPSS*BMU(_>8KL;M54CQZ,+MDBIVRQ*[9N>)1N\^W"[7/!:<)61?I5*KL%T+89D)!UXPYCHB,PL1W3 MW>U6$B2P2Y#^BJ^9L0_S]X8N&:,B_5I;6MG8G3.5?XYD\C*:3=A2,ZVLGQ2;I,S M3R9M2GB5%,#ITMZ3Q1U7 $3?G@4@_EAW&8#IF3"!DA#! 0DA)PR]W\A!!.:Z M *C6]0ES!":",/IZ&'""ON4,@CLRJ"9,%!J)/F"!"=% MF=4+*&BXE>ZQI9]3ML@I6^R*K1L859D']LK^;SS1A6$CHV@ 8=BH&T#8K"]?J%H[L#^]^#;Y&#A]5.&4M+7+*%KMBZYX%45(!?ZM4>%0ZQV:A/M$K0 !S,M)% 0 RGF- 1/X4'JA8Z0)L MUP6',SHV2VLY13RJD =A@:\7N\>QO0?9NN:JDA[;2_HK4J[1,I/-UG2QHJ!J ML5,|^H2/2[;(*5OLBJT;C+TC6<]V)LONMH2RWI[+<'LMZBG-96.D@[.!D%@:D MA[Y:F)"3F;Y4 !A=Y0"84<|:H40.?HI36=CIA.A[$P#$ MF+34:X>VY3$P':)|=2;OQ@2"C/=/2;("#_$HY\U!4$]3\:QTB38OO__0[: ML;G3;^0"$Z+O! $0HV(T(3T>"Y5," _(!/L&< A5Y/H!Y,.8",+H*P* Z3-/ MU?ZAO?9_SOW?T"SH]6,T 3KGC(A^G:@M:.NHY1J")_E+%$(/0S0UQ I,\& MD$??!@=!?9Y0)7OXO8>)6H)QIU]]DQL"&:?RCR'"*[42-D<.]=XERRE?U2URE M#*0<]LT+)+MO=R^*7=2O1VG?7_JG5S[P?>2?QLUK8(J^>2OM'>&R7BY11I>R M*^_-1(:#-R]Z-1>";>HWF6Z8$"RO/ZXI65!>3O2\;$PT75P>YUN_G_4$L# M!!0 (#R-9EGU[1!P0 0 "87 9 >&PO=V]R:W-H965T@#5QK;!"C1 M)6D[[=>7NJQLR(J9]D76Z4+FG.&. MQ#Y),/]["90=YX9MO X\DY@'KX)YP0)6C/Y.8KF=&V,#Q;#&>RJ?V/$3E $-,KZ(49'_ MHF-A.YH8*-H+R9(2K&:0D+3XQ]J*("5 *^O MAT$)&/0%#$O ,->^$"M7VL<2+V:<'1'/K!5;=I&G*TQ\D)E1\0#^A+||^>O_N WJ'2(H>"*5J&8B9*97+#&A&)?VRMH'>NT+OH@:5R*U"0QA"WX/UN_*0#;ZI0JWB=UWB73B?A,^SND&M]1([E>"WS M6?6'NVWAO,U[\#;O83?*/7Q0$?9:0B# _;,N[IS+A.,E\G6:"3+-1$M5LOXH,KXH/,UOH\BMD^E4!N%4Y(%HVWE>EE0#7.J;-=R6-@C9V8>SG/68N-9 M=1O_TF9@C^HVP:6-YTSJ-F%G:-\IW+2;GBK<$AMWH3$:4S239M\!>'@7)IA M(^Q5BXWK->3KP1/TX D[_Q.^4:5?*-.^1UNU043W&PZ@=JZR3;U. MOELKBTXR7R=9H),LU$16R_"XRO#X?_Z6C'5F7">9KY,LT$D6:B*K97Q297QR M0?G)\EUXRJXZRJCPBC'6<'DA]2)5,'C4B=C54-D%M E"2DM09,M+JJ:ZPP:%;1SCK[@,M+H,2[;:CGXRNB+\J7M@=[US=X2WUFKSK(V7 -_D#==L!2J5BJY,-5HU=>_S5F9C?&E/5W;+ MN&]/@Z)E>Z(O.L@/F&](*A"%M7)EW8W4\N)%4[:XD6R7-Q%?F)0LR2^W@&/@ MF8%ZOF9,OMYD#JK6^.)?4$L#!!0 (#R-9EG87]1^M0('T' 9 M>&PO=V]R:W-H965T MB-(M;:)J?:@6->OZ,.W!@9M@U=C,=I+VW^:4I0/FNUA+^ +]YQ[SL6^&NIGG4) M8,A+Q84>.J4Q]97KZKR$BNIS68/ -W.I*FHP5 M7UPIHT8 J[@:>%[L59<+) MTN;91&6I7!K.!$P4T7OPP!:EL0_<+*WI J9('NN)PLCM M6 I6@=!,"J)@/G2N_:M18O.;A!\,UGIK3:R3F93/-K@KAHYG!0&'W%@&BK<5MC(!S2X0R?F\XG:ZD!6ZOW]AO&^_H948UC"1_8H4IA\Z%0PJ8TR4W#W+]%39^ M(LN72ZZ;*UFWN0E6S)?:R&H#QKABHKW3ETT?M@#^X!U L$$_PH(-X"P,=HJ M:VR-J:%9JN2:*)N-;';1]*9!HQLF[%><&H5O&>),=B=6((Q4##0Y(JO12%:U M%!AJ?R EA@MPSSO%CZ-0UJ,4RNOFF[DU;-WBG[A3JM^.@X? PYPOT&'N["7>Q UX:@:T/0\(5_:<,K&3.=&@G] >OBM=TQR&#IXN#6H%3O;Q@Q][7_K<_B>R'>]AYST\ MQI[=,L%P Q5D(671^RE;?-S@[5A898,D2MW5MH.>G,CO4X/;I1TZ?8W!O50CZJ+8 F3QG/U<39:EUV-BG*R$>#23>3IQ/",(."3:,%#\5# %S@T1ROC=P(@Y-2:9&U M8%20L;SYTJ?V'/8 P_ (P&\!_K\"@A806*.-,FMK1C6-(REJ(DTTLIF!/1N+ M1CXU!)W&>)T/,\KR+60#!2Y)%^HE-2<*SF?@::,JPMS >]!Y#TZQ']QZ17D)*3$E13[/;[^:JF"]U]MP MCBVGZ0Y5//)&D5OMNWH=$X;C+N9 ;-B)#4^*_28TY?CK]4K&IP*)_>8R$4H? MUQZ^TN6/7VKOB0E>:G?W2LVTN3LJ-RQ7A,,:4=[@_<@ALFD=S42+PE;?2FBL M93O<8K<%:0)P?RV$WDU,07?]._X#4$L#!!0 (#R-9EF84TPHZ0, &D4 M 9 >&PO=V]R:W-H965T%H"3%*P[R(DD0?_R*3LL+&@]'?A"=GNA M#MC1/$,[O,;B:[;B(DI54B2Q\|:U&I^4S5VMY_0_RJ'E\/JB%Z#1 _TB#6S>X+VWPZ@:O'+1B5HYU@P2*YIP= %?5$DUME-J4W7(:DJK3 MN!9*H7N$X1IG5\!S M+H#KN+ZA?3G D M_VX:M<+VS=CJDKW.,Q3CA26OR1S8S>VQ%K_^ $^>=:?"1P#09O$8&;PA=\TW6 M\0/6?&.2H,*=E+CJ)G,?N5X0SNW[[FBF(KG=C+.=5-#HW<&?//6$C@2FJ1,TZ@1G]'4PI@PC@6DR3!H9 M)K]CDAUG9A]4J$"L($;]EUM*()A8';UM"$\'23\21KS6CX-XR(I*!)X(Q]B M4I>8H.HQ*?FCA,DK];_R@(G[]!DM#\Z\'G=#D1-"_>PX1Z>Z282/F/C.K.@ M1]E0!!W?3'G64)X-RUT**E]4O7$5$HQ^&$0Y]8(8*4P;&#IM0G#.>&>HP4=2 M8BPT78I.6()GN3O4L%TKAG[/K:::(T]\V(85.!@"HG7Y'"ND%D9:H\:1L=#T M4=MKUSVG0P[IPLQ4AHNA1MT(&_E72.V]1_9D'H>+!O5%,5/&;5-G_ P>=Z M=(OBO3S$'W6Z1IZCQHVQT/2YV\ !)^2]T[6"<.5F*D=!T*=HH X>SS"_[]GDXM\>&TGV!,5&E;[LSOIF]=4Y/:SK-U9!U*+<+>([TB: XJW MLLNYFDKO\VI=JJH1+"N7ANZ8$"PI-_<8;3!7!?+[+6/B:4>M-C6KB]'_4$L# M!!0 (#R-9EFKK:#?=@(-T% 9 >&PO=V]R:W-H965TV"JJ-@>ICVXR;6Q<.Q@ M.VWY]SL[:59803SL)?&=[_M\W]EWZ5KI>U,B6MA40II14%I;7X2AR4NLF#E5 M-4K:62A=,4NF7H:FUL@*#ZI$&$?165@Q+H,L];ZISE+56,$E3C68IJ]8?ARC M4.M1, BVCEN^+*USA%E:LR7.T-[54TU6V+,4O$)IN)*@<3$*+@<7D\3%^X? M'-=F9PU.R5RI>V=|*T9!Y!)"@;EU#@(Q^*YR@$(Z(TGCH.(/^2 ?<76_9OWCM MI&7.#$Z4^,D+6XZ"CP$4N&"-L+=J_14[/1\<7ZZ$\5]8=[%1'ECK*HZ,&50 M<=G^V::KPPZ>/8#X@X0/P5E7S+(LU6H-VD43FUOXVG@T MJ>'2W>+,:MKEA+/95-.#T/;Q&*:"27L,3!9P_=#PFJZ*3(GV!+XSK9DK-QQ> MH65',$!< DW7 BZ%I.&EK)RW&'>93!N,XA?R. 3W"AI2P/7 MLL#B*3XD-;VD>"MI'+]*.,/Z%(;1,<11G.S)9_)V^/"5=(9]A8>>;_BV"C\M M,/RZG!NKZ3'_WE>YECG9S^P:_,+4+,=10!UL4*\PR-Z_&YQ%G_?)_D]D3XJ0 M]$5(7F//]JSFE@G #8V?@MN&CJ!GDS=:8P'SQH)4%AYI:M6,%_M*T?*?>7XW MFE;9^2 -5[L"_PU)DCZD33O!P &0 'AL+W=O).E@ *W5>4R9%7 M*E4/?5_F)518GO,:F#Y96EB;=RM=2\:H!ZQM4A+DOOF_RL ?0/-V L&$CP'Q,X"H 40O58@;0/Q2 MA7X#L*[+G:;N PKG":";Y$PWIK-+&SV+5KGBS#S3N9*Z%.B<2K]"CK+$KU' MW[0V!0-G6:@,*'R3%MOYQDZ/3E#)X@P-".4ZN+*Q%=:V>#]O%$9.Y7P&94(MS3A3I4135D#1@<^.XS\>P?LZXC;L]#GNFAX^;%0_T;G+-L%@1)A&%I98*SC_H?BC<-' ;Q6O;[A9<MZ>9IEZ4>H"",@SY?<"ST.EL84IV&HTR7D5!_+ @1^F4N54X-3M0AUH8!F MSBGG81Q%_3"G3 3)R*W=JF0D5X8S ;>*Z%6>4_7S'+A4X M& 0D@SE=<7,GUY^@XM.S\5+)M7N2=64;!21=:2/SRAD1Y$R4;_I8Z=!PZ'5? M<(@KA_C?.G0JAXXC6B)SM"ZHH&?B:Y M M1 DR-R4X"BAHD%<4OD3&LPFE"1D2M&9XPSP]"0"6*60"92:,E91@UDY)QR M*E(@4W?L#B[4,;U(0:]GUZ0@_>'Y+WUNV:<8^;T*#0(W&X?IA7(\Q)D_ +(M*13'I!.U2!S%78_[9+?[!:3HWG;NG6WW$.6J-8MKS6(7K[-;LZ]G,VT4GL-O M/D9EB*X_A+V;I[]@*8P#O'P:U ,$R8=W[7[TAX_?GH)ML>W4;#N[HB?N8A_) M^=$*3P4M3T7*<<#F#).B;W!$Z&(D")=*07"5%8^5DG9O. H? MFF0]-O&@MMGBT*TY'=RF%3 "JE<\9!SPMTIXVC[2.U8=2P\]$J=^\U('<&M3UAY3&(_J5Y-JK>3U)44BR,#*G\[K4:NFJ;VLF,)!/R2D10?S)_%WC,N[3A^ MPO>YS?#$S[=?\WOY/N7-)0_)^@#V']^A/K1$X>FWCH1WA2(SS9B?!)#6V1 M^N[<;RIJBTP-%LW<2H_INF0"2R=#7K=2,Y?$KQ\?C?U+SCA@Y=7^ZO(*#I?D MLH*WR).FBDX/KPX,_#WVBM[3/BEGC#6KSA?Q;O=Y;VI-\K4-Y:4:P*/E'_]VU*I<-&LV0;U6NJ%DQH+"QS MW#@Z/L&:I&ULM9QK;]LV%(;_"N%V10NDMD1=;*>)@21BLSM%C3MAF'8!\5F8F&R MY$ETW #[\:-DQ30EF;&0-_W0^(^I,Z1CO6(M$_6:?9//N=W,A MEL>#03Z=\T68]],E3^0[=VFV"(5\FMT/\F7&PUG9:!$/J&7Y@T48);W)2?G: M=38Y25,YC]/U:<_N/;WP-;J?B^*%P>1D&=[S&RZ^+Z\S M^6RPIV?V,7-'18-RB]\COLYW'I-B5V[3])_BR=7LM&<5 M(^(QGXH"$%6#$(IR<9.F:9,76 MDE8**-?MI;QBI+B0+D1F7PWDNW$)."W@GPDG]/D_N,WGBU(^<+[@(LPBO,/ MY-V;D>.[GTB4D"J1',O[3DX&0XRAH@VG5Y_FF3[JGSQN^[/'.B+4 MHB[Y?A.0]V_M& NS)BSU7V?4.=93' (AE88]OTK>5_M=!N,F6$!G\I=LTN8MTSZF@98*\M=GN0&Y$GR1_]V6@ W-;:<5Q>WHM7'YVW'YQG"5%484%68F MC^6VD&W:>SN=.LZX'C-C)UUCAH2QEN$/+;\]:-XV:)XY:#S/CTFX2%?RG)^M MN/QP$'-9>U-Y\C_R,&L+H]<8AUV+H;'/KC%$PEAS['1?"/UM'"UC"+^E(HQ) M_.S1YS<.>7GT.;7(&;QJ&CDDC/G-H\^SJIRRPVWHAL;07:RRC"?31W*S#I=M M,3,V[_HI@X0%2!@#P;0-M2L;&TR+@6?00 M%GY#XBB\C>)(/)+_GJZ4VY)BY'5-"A(6;& VW:D;KC?2JQX#]:@%V[:4H%C&M<%]&/_A,"H>LWCP7) L%)^_#G(1DR;.I/"?:+M//S="N,8?2@HI6_-E&W>I; MSI#6 H_J5H_\CAK:QLA[?9MZ/Y%?4\&E]!67'X4BM4;;".H<;20M@-(8BJ:GM1&F@C?5 &RJ"4%H I3$434^,DD';;(.ZWAQUKU<;O.WH-<&39V#M&M0\D,Y) M@'HCBJ8G02FF;7;,LXTHI2N1BS"91$B6NMH^M]4BAO(#2 BB-

H6AZ M8I06VV8O?G&M'[;6>E^>@9;Z5[]K8QY4YX1 #1E%TQ.B'-DV^MZA=7_T?-UO M;N(-A_I&@7DPG4,W:I1S?]^-
&ULIJFUVU&+FH9S.^9R&";D,IZ6E;@N[WQH? MJ*9":0&4QE T?2I'&2VUL),Y4)>%T@(HC:%H>F*4\%*S\!Y61RJ(?@%6KR3F MGCI'&>JPS^R
'KR=&4JC84U^N?ZS<\DQ(SL?V=B)2NQ,Y6OH*55Z2AULR4%J MX064%D!I#73Z.4E2*4E3:5E5JC>LF!2BN4QFB+M-KVGI*CI)6:I=7KCRVK
M+JW#U@!"I15*"Z TAJ+I*5'22K'22J'2"J4%4!I#T?3$*&FEKRNM%;X^:>&- MZU4(JJE0&D/1]!0H3:4(3:5-!_4;-X'-/76.,M1H:8O1TCTW**DR6FHV6K_
M]&2M/T^3F:KUH]8 0CT62@N@-(:BZ>O?E,'];+D'DL5L#'"%UM#*4%4!I#T?24*$UU ML$N.'>B:8R@M@-(8BJ8G1BFP8U;@%U?Z<>MEO3MJ7-
9#G1=*8RB:_B4FY;RN M>37R8<6^@FCK"!K%WMQ3Y^\R006VHNT6^WW?_U)6ZCZWG'C<+/6M=^O-H*X5
M!4H+H#2&HNDI49+J8I<3N]#Y6B@M@-(8BJ8G1@FP^[K+B2M|\VY]O=2;Q]$Y M!U#C1='T'.Q\814Q->LVIV:;M^O-/76.,E1?W>;4[-[;]:ZR4M=LI>
[F=OU5 MN@]992$R923LY68IUGQ;:EBBJ*4O;K8"5L7 M.F$+I050&D/1],0H,W9?=|+6;9^P=1LW\(WA+Z$V7V4Y"3F=[*5)>M]CV2;G^79/!'I
MLOS=F=M4B'11/ISS<,:S8@/Y_ETJ3:!Z4OR4S?;'D2;_ U!+ P04 " | MC699Q?6+.O,(M=0 &0 'AL+W=OZ4T)U_749S=#E[S?',]&F6+5[H.
MLF&RH3'[S4N2KH.13& M]"$EV7:]#M*/SS1*WF\'\F!_QV.X>LV+.T;SFTVPHD\T_[)Y2-FMT4%9AFL: M9V$2DY2^W [NY&M_+!4=RA:_A/0]._J9%
_E.4G^*&[8R]N!5,R(1G21%T3 M_GFC]S2*"HG-X||*'1S&++#B>_[S7C?+!LP?S'&3T/HE^#9?YZ^U@-B!+^A)L
MH_PQ>;=H]8#4PELD45;^3=YW;576>+'-\F1==68S6(?Q[M_@:_5$''50E'_H MH%0=E*X=QE6'<=
<.DZK#I&L'M>J@=NTPK3I,NW:XK#I<=NTPJSK,NG:XJCI< M=>T@2_M73NK7]"RZ7K_AH]UXLW\A:D ?SFS1Y)VG1 MGGG%#V4:RO[L_1O&17"?\I3]-
F3]\KE&GW/R(WG8/D?A@I2W/FDT#\(H^X%\ M_\UL/)W\1,*8^&$4L:!E%^3;XYLWHYQ-HJ!&BVI 8S>@\@\#RL1/XOPU(WJ\ MI,N6_J:X__AO,,SJ.R?
P<^*$+S;KH9$&5\015(FY,N31CY] M^T/+O.[%C+.-AD22SS*:F'FB&S:;6$C&\EG& M[/"@QM+9Y\;JSHAF8V-FXV!FXW9Y^REG9^/U8?0OC^13E?
XVS#_W7H[//4-< MU,:'C=6X=,>BC94=9WFZ9?L..?G-8PV(G=-U]GO++#_OM$F[5NP276>;8$%O
M!VR?)Z/I&QW,O_]&GDH_M<47B6E(3$=B!A(SD9B%Q&PDYB Q%XEY2,P'85ST M)X?H3T3Z_"'X*"//EBJ$!FGTP58-
2[K>E'O_R0O;5W_.VS8!0K7O)@"):4A, M1V(&$C.1F(7$[!TV+;%B??LV5V]&;|>Y/FTA\RU7H/-FWY$7;OFQ\DIB$Q'8D92,Q$
M8A82LY&8@\1<).8A,1^$<5F_/&3]$KJZO41&'XEI2$Q'8@82,Y&8A<1L).8@ M,1>)>4C,!V%<]&>'Z,^$'_,:3<.WH#B%1:(P> ZC,/\@?
^V/O[>%7^CU#3\2 MTY"8CL0,)&8B,0N)V4C,06(N$O-VF*PJN5#-@VH^2N,W!$J](5"$^P)ZCW/- M8JKW1D Y.6>B2(TSE%IKH\;I&1TZ+Z-
MR,;I'A,ZH@75;*CF0#47JGE0S4=I M?!#KTB]96%XR]Y)X]2-;2]_+^%WT7E>+^=[AA%:#034=JAE0S:PT>UX&.ZT(U#ZKY*(T/=%W0)?
_%5UBMG>0H35=4$V76^J/U,:' MNP$=TH1J%E2SH9H#U5RHYD$U'Z7Q.:]KP61Q,=@CW>R2G@E3#2T$@VH:5-,K
M3>52K393#:WQ@FH65+.AF@/57*CF034?I?&IKNO29'%AFKW?_:9?-S3.:&NF
MH<5I4$V#:GJE'6=ZTDPTM.H,JEE0S89J#E1SH9H'U7R4QB>ZKCZ3A14N?8JV MQ5+O8$-KSZ":7FF"PF4#.J)U2RH9D,U!ZJY4,V#:CY*XX-
=UY;)XM?KMV#9 MO4G#!;T@P3K9QNV[X="ZLDH[_EA4I%GS$'9;([5Y"!M:" ;53*AF034;JCO1 MS85]'E3S41H?V;IR3!:7CMTM%NGVJ'BL-
:K02K%*._Z@&S>#>MKD)*;0LBZH M9D(U"ZK94,V!:BY4\Z":C]+X+_ZH"\44<:'8=#B[/"D44]O"*H;ZAA6J:5!-
MAVH&5#.AF@75;*CF0#47JGE0S4=I_":@+A13L(5B"K10#*II4$V':@94,Z&: M!=5LJ.9 -1>]>5#-1VG\AJ N%%/$A6+_M3Y%S/?>," U#:KI4,V :F:E->M$
MIFP_3ZK_- X!6M YV/]J#@YT#BY4\Z":C]+XH->%:(JX$.V1;K;IXC7(V/K\ MA0TC.)HFEGIG&EIS!M5TJ&9 -1.J65#-AFH.5'.AF@?5_$KCBI#KXU5\LNN*
M-$58"3.?#&>JU%C.C^768",+=.ZAF@;5=*AF0#43JEE0S89J#E1SH9H'U7R4 MQF\"ZF(U1<4NYZ%E:U!-@VHZ5#.@F@G5+*AF0S4'JKE0S8-J/DKC-
P1U?9LB MKF_[S\MY:.T;5-.@F@[5#*AF5EKS"PJN97&38UOYO'@P[IH[1=ND=`EQ5KN%Y M5U!)L'&_*5];[LJ=];"["XGZ0;H*XXQ&!(5-01I>LGWZ
M='=MSMV-/-F4%SM\3O(\69<_OM)@2=.B ?O]2Y+D^QO% (LS27"VNCU/;&MF6\ M@8S* =]"KN^LN,BHTDVQMN56 $T*49;:GN.,
[8RRW%K.B[XGL9SSG4I9#D^" MR%V64?'O':3\L+!+^:%2KCGZ1\L49N%-;5(BNZ2]5G?O@5J@6-#"_FJ2P^ MR:$<.YY8)-Y)Q;-*K"/(6%Y^T])7
.Q)XW@G!L!(,SQ7XE< _ M5S"J!*-S!>-*,"YR7R:KR'1 %5W.!3\0849KFKDH["K4.L$L-[^L9R7T7:9U M:AG BR*_D"\@,O*1TYQ$-&8I4PPDN0I
49;*]^3GG]SQZ -A.7ED::I_$?*: MO&LVY[;2P1BD'5<3WY43>RA^3(/9@+4UTSH3_5*_ILSM?=,LS G#,R:, MD"9L>3"J/1CU>A"Q5TCT::= LQ415
&YHI)0L@41ZZ>N:Y>_ZV5>ZDD)- M'#D#9S29C8Z,.7=@B!E>A 1KN3.NW1GWNF-.R-XCK5=^J1&8L 3%F+"(B18
MR]!);>@$]4B;8/J+"0LP82$F+$*"M?R=UOY.$8ZT7L:EKDX[3ICIT'5;_B6KE;5;G;?8_'$.]S$OS..L\73S']X^2>>[$#.| M" G6:2O+-
MEG7^%>Y67NH!*"U!I(2HMPJ*U'6W41ES4DZC" M8=F,20M0:2$]+<*BM6W^41-Q^XLBAUVUL>\/!Y.C5^[X_G(N-12V,H-(B+%IIK-THRZ^R#6 (D]%
MSN3$62NUN79=F:RAH/*";X#I*TLN"JKTJ5BY4.WH!ESIF-3 M=B^F8[Y5><;@7A"Y+0HJGF>0_W$\9U#P4.V6JNRP)V.-W0%CZ ^;NZ%/G,;
M2IH5P&3&&1&PG#@W_G7L#TJ!J?$I@[T\.2;E4!:BK*UIY8&QRZAU M@#-6WEF/2NBKF=I:0@+17XC M1W_F=OF?VUS+1Y6?_*'W>Y>/F+
0$Q9APF(D6,O??N-OWT:?WA1\RY0D M^ATE%65IQE9=MEHAY]J*"0LQ85$%&QI8^0K?3;VQNSOURE:C9<"@,6!@-6#&
MA5;HL,NNN%NUY\8=$Q8.7@M5]&J-&*E#K;@/F[@/K7&_HT]9L2VZ@FX5GAMT
M3%B("8LP83$2K&7EJ+%RA/J.&F'ZBPD+,6$1)BQ&@K7\O6S\O;0^JL;?A.^ M4?V]>D^87I^E99GBNIA)GFM4X>F5UU#R@?'E8I7PEEMG82CKW:
<6$A9BP"!,6 M(\%:WOK><07]H<['-0[)8E1:B$J+4&DQ%]UM\TFBP?]_IF5[.V?[[[]EE@]1 M&XU0:3$6K6UL<#0VL!K[#N>
[_22Y('S73@TH+46D1*BW&HK5M/J9[?'N^QBL0'1^:MFU9WMJ[\F M/ ,575F/$+4?$2HMQJ*U_3MFBWQ[NJC^4":+0]Q)%0WIR?G3D-1\T?^CQD=
MWSO\??]ZQ6PY0J7%6+3*0O=DKZ8 L3*[:E)_ 6V9JK9MFM)FY^[&[%>YQ^K5 MMM\=%:N,29+#4DL]_='B$%'MI%4GBF_,SL^"*\4+
<[@&FH(H*^CK2\[5X:1L MH-G/G'X#4$L#!!0 (#R-9EF21Z9CB (*D(9 >&PO=V]R:W-H M965T<@%4;>[:3M/]^MB$LT0AJIMR
C<_[VH^/X1!ON7Q6.8!&+XP6:NSE M6HN1[ZLT!X95APLHS,B*2X:UZR>S602\[6F MI("91&K-&):OMT#Y=NQUO=V#1Y+EVC[PDUC@#.:@G\1,FIY?
NRP)@T(17B) MJ[%WTQU-AC;>!7PGL%5[;61)%IP_V\[]7KUE%:XW]ZY?W'LAF6!%4PX_4&6.A]['SVTA!5>4_W(MW=0\?2M7\JIT
M+6/](CA=*\U9)38K8*0H[_BEVH<]0;=W1!!6@O"M@]2@21 ZT7)G#FF*-DUCR M+9(VKC9AML;IS8TI+!9G&MI1HG1Z60*"XVNT80S!C(EF*
(9%B#1Y10T)E1= MF<&G^11=7ERA"T0*]$ H-?NO8E^;Z:V)GU93W993A4>FNA&R@X+>!Q0&8:]! M/FF7ST%T4!0TR7T#79.'-7GH_*)C?CF7^OH;2(;
<)OS\:@+0O0:F?C7!E6Z] M9C?[LHV4P"F,/?,V*9 ;\)+W[[J#X',3ZIG,#L"C&CQJRO![!A!J\.I!&M6;[),@D9UH"$)$5*A$DW9GQ=Z";LP3^'K!L$?
\]9B=,ZX7_B#&N< M82N.2YXV:6Q:?;LT^C1$2_S:],V=M"I/1?+W"HDMX@]89J10B,+*V >=H3D/ MLBR,94=SX6K+@FM3J5PS-_\2(&V
&5]QKG<=6Z[JOY/D#U!+ P04 " | MC699L4GGR[@" #L"0 &0 'AL+W=O\YOL?W8#O><_$L,P"%7G+*Y-3)E"HN75>F&>187O "F!Y9BWNA>V[-
LB(Y,$DX0P+64^?;X'(V,?$VX(G 7AZT MD5&RY/S9=&Y64\%W-T M>G*&3A!AZ(Y0JFLA8U?I5 RAFU;37I73^D>F74!Q@0+O"_(]/VR!S[KADJB<)V(O//7S
23Y_&@R]KVTJ>R)K: YJS4$7>_(NL(D5;!"*999F]:28&@) MS':P2P:QNSL4T!71R"JLLPH[LYIA(5X)VZ"=\61;4IWXCQ:@)[*&U*B6&O5E MNJA/S3V1-
30/:\W#SO+>U)HG_^FZR5_[6!". MO'>N:PF*O/"=Z]R#L]C<@^ZPV! F$86UAGD7(^U:4=XMRH[BA3V>EUSIP]XV M,WT= V$"]/B:<_76,2=^?
<%+_@!02P,$% @ /(UF63("XSW0 @ 2P@ M !D !X;"]W;W)K&ULK591;]HP$/XKIZR:6JEM M H%NZP"I-%U7;6A54;>':0\F.<"J8V>V ZVT'[^S$S*8
$T3+|1WON^S[[OD MCMY2Z2]%1I!9=XK\&4>-<[TRQ"%6O:#5K!R//#9W#I'..@5;(9C MM(_%O28K;%@RGJ,T7$G0..T'5ZW+L.OB?"]Q&(1P17>-
GS1DT1SK@^GK%_L'G3KE,F,%K);[QS,[[P=L ,IRR M4M@'M?R(=3[^@JD2QO_"LHZ- DA+8U5>@^D&.9?5DSW7.JP!6O$.0+L&M/\& M='<
XAH0_RN@4P,Z7IDJ%:]#PBP;]+1:@G;1Q.867DR/IO2Y=&4?6TV[G'!V MD)#JQG);:H3C!"WCPIS &3R.$S@^.H$CX!)&7 @JDNF%EHYTP#"MZ:\K^O8.
M^AA&2MJY@1N98;8%G^S'OJN##RG5)M_V*MJA>R_AB+U W#J%=M3N;$MG/WJ,
MQ3G$T4YX\M_PC63BIGBQY^OLX+N1,_*@Q@S(7::NB@9^P>.G+7<;[N5R[>72 M%"S%?D#]PZ!>8#!X_:IU$;W?IM,AR9(#D6UHV&DT['CV>
(>&=S)5.9)^S"*U M,WL*0R:83,GEVRZ3&5QE&7==B@E(N$F%,E[HR8LS"V7(?ZM569A3(#119ES. M?"2]NUR65)XO!6KF* Q_TPW@#LZS?S85J;.
(HV9>KN?=5O M:8+!,2E/W8G&!4F.H*; C$&[K2|-*[H+3^=FWV)PUHI[X6)=G6TQFR')?IHJ ME7"M_>:H9WZ,&4A5*6W5B1MO,RFO_((_X178W;$-
'W2!@1."1J=OZ'S=36Z M*L.JPC?SB;(T&OQR3M,>M0N@_:E2=F6X YK_#X/?4$L#!!0 (#R-9EG) MFQ4^%!(+_ 0 9 >&PO=VJR:W-H965TW7S8+
OSFP_9 MNEPDJ0QS4:R7RSC_\5DNLF\?SY2SQP6_)/.'LEYP?O-A%<_E%UG^M@KSZJOS MG3)+EC(MDBP5N;S_>/9)>1]=CNH--
FO\5R*_%4|>B_JIW&79[_47UNSCV44] M(KF0T[(FXNJ_K_)6+A:U5(WCWPUZMJM9;_CT\:.N;YY\]63NXD+>9HM_)K/R MX>/9]9F8R?
MXO2A_R;Z9LGE"E[4WS1;%YE_QK5GWXDQ,UT69+9N-JQ$LDW3[M?_R)>2&>;# :O;#!J-E@=.P&XV:#\;$;3)H-)GL;*),7-KAL-K@\ML)5L\'5
M_@;7+VSPMMG@[;$5KIL-KH^M*[9X-VQ%92+QSUWL;?)6'EID]W./GIO*X^[M6WFVOU]Z)LKC#E>.WN/*XRY7]O?YRYL\
[G3EZ+VN/.YV97^_C_6#SF[W9OOI=3-(ZA+Z4>?7=I-JNO+G- MTC))YS*=)K)X+6ZSY3(IJY I"Q&G,Q&4#S(7;A+?)8NDK%81KU19QLFB^$G\
MXV_7XZO)SR))A9-6 '@JA MI3,YZ]G>&MY^?&A[9WC[=X>V]PZ,?S0 G%?[9K>#1H\[Z/-H4+37Z1NA7+X6
MHXO16/SV116O_OY3S\!NAQDOSM^(L7*044]AM-J^$:^:'X, ^3#OPU.+JJ5TT M6-_/RJ%79K$;RV3@*1G#C"JG1[TRYO&C&6*L8>:+7%7,Q<$G91_/#
(W&^1.C M$8ML&M='$#V>RPS+8W:9?PISZ(54?5AT M$'_6W]/.B>&IPDII*81F(ZB1DD9I*816(VB3E;['*#U>^(?;T97WPX__HT
M#LEZ'HGY)!:06AB81UXO!R%X>7@W'XBUS*6;+)/-'HXBY>Q.E4]F7@('9J M!I*82F(:B>DD9FRQJR>_S\K;[N^S2=:S>NJ]Z]:SR7K.X7HN6<|
[_'KZ9+V MQ$(2BR"LDT)7NQ2Z^K,I]+HZ3HN+(KE/YSA8C%=)WGU0FT6#1OB_[H"ZK! M>J<&%8FI)*:1F$YBQM6S
X_]G"++6<_+*7O'.399SSE0=?3I\L%Y!8 M2&(1A'5BZNTNIMX.QE08_]A^-I/+15Q6>51FU<,VNN3WE4P+6874:K78Y-4| M3M*B%.6#W.7:JX4LBFI)G-:?
U11RFJ4S\>JUG)*1S\HGL8#$0A*+(*R3/.]VR?-N,'F,ZO I3DM9'7IE]6Q59+/ MQ*HZHOKQ]$AME6?_*Z>EN$_2ZL0R2>=]Z318Y]1T(C&5Q#02TTG,
(#&3Q*QW MSX]^QGOQ1-9S#M=SR7H>B?DD%I!82&(1A'5"3[G8I5Y]3>= [-UFR[MJT4S< MQTDNOL:+M:SS;
[Y+P[Z$&S9/C3A44U%-0S4=U8Q&>_K;?;7W_AA:T#ISZ58),ND[(VA0>#D M&"(U%=4T5--1S6BTI[\SUQ?[.416M%#-1C4'U5Q4\U#-1[4
U4)4BRBM&X2C M-@A'@T'X:U;&"Q$OLW5:BNFFO:,^'5VGL_HBM'59E'$ZJ\Y%1;'.976^>I>E ML_[#ML$Z)^_-ER?
A]OHQ#9^D7V_@H8T*J*:BFH9J.JH9J&:BFM5H MG7?R]S__1"LZ1U1TT8H>JOFH%J!:B&H1I74#KVTRJ#N4AP[[9+Y,TNU5(6E6
M)E,I5C)/LIEXE:1B%O\H>B_U&%9/SCQ24U%-._#ZC2\V+U)OOI'C,%#-1#4+ MU6Q4V<5+&P6.C8;'9N#CLU%Q^:A8_/1L06H
M%J):1&G=+&Y;0I3AGI!=%B?IUZPZSR]$L;[;7&=89N)^7:YS6>^R.GY[\Q3M M[D U%=4T5--1S6BTSOMZE]?
[GX.CK1NJ)9^]>XFV;QQ3TD5+>L>\L#Y:,D"U M$-4B2NMF5=N?H0PW:+BR++?W/KG-Y>R%ZW+0_@Q44U%-0S4=U0Q4,U'-0C4; MU1Q4:CFHUJ
:B&J1936O8=RVZ@R&FY4\>+OR7*]%'=97FU;?[HS MC:MR+]R[91@[-3Y1344U#=5T5#-0S40U:_2\M^3=_KDS6M$YHJ*+5O10S4>U M
-5"5(LHK1MU;>?+:+CS97O+?C]+'V]3]?3N_?4]_55Y+ZOOS)IS\/JNHU_D M*MY^YB(^S7,I7WJS<+CTR<&(]LR@FH9J.JH9J&:BFH5J-JHYJ.:BFH=J/JH%
MJ!:B6D1IW; =M6[HL_-1V@?#:JJ]*:AFHYJ!JJ9J&:AFHUJ#JJYJ.:AFH]J M :J%J!916C=#V]Z.CC\>?;#,D[%YSRK
M3[H+854QEF^[;N*%>*6M\VPE?]I,X30:7?SL?K:TS4/EYY_$[2).EKV=UL-% M3XXQ4E-134,U'=4,5#-1S4(U&]4<5'-1S4,U']4"5 M1+:*T;LRVC3FC2_PL
M&^W/0345U314TU'-0#43U2Q4LU'-0347U3Q4\U$M0+40U2)*ZV9HV[(S&KY\ MOYUV;C/W9YVA?_1.
]KD)]IF@VHJJFFHIJ.:@6HFJEFH9J.:@VHNJGFHYJ-: M@&HAJD6CYS/0M),_=$.Q[9T9#??.M*&8U&?NLBA%'I=2%-_BU=/YDNNL?/)E M;V"B?
32HIJ*:AFHZJAFH9J*:A6HVJCFHYJ*:AVH^J@6H%J):-!J:+:<;F&T# MSVBX@<=>S^;;3N[[/%N*A9S'B_JSF:F4]6W4^M_.?#[?Q63O%/^WPV5/SCNT
M30?5=%0S4,U$-0O5;%1S4,U%-0_5?%0+4"U$M8C2NM'8MNF,AJ> V+BC1L]RFJOFH%]!: MB&H1I74S=-1FZ/!<.4_FCXZ+0A;%M ; MJFA[3Z-U3CS?
=D||U6:=>H:-=J6]B>F8$-WYMP@\C)"4=J*JIJ*:CFH%])JI9J&:CFH-J+JIYC38TQYG? MK-,]YWG772E AQ6B6D1IW8QK.VK&P[.V_"+KNP/5]T&
[S8IRTWCMQ6D\KY>8 M\7_B?):M"_%E?5=/D#AM;ARDI5^3/$OK0\)Z]H;ME _])\%H]PVJJ:BFH9J. M:@:JF:AFH9J-
:@ZJN:CFH9J/:@&JA:@645HW;]ONF_$5_ND,VH&#:BJJ::BF MHYJ!:B;J6:AFHYJ#:BZJ>:CFHUJ :B&J1936S="V66<|W*P3RGQ:'WK.-Q_$
M3*OCUOK_>9;-"E%DBVS%5?']?4TM_5JO;,V#E>]>'.Q?\,AM*:':CZJ!:@6HEI$:=#VL;/MTQL-].LU[F/5%
ME=OK+9ONQC_$7WW=)C]{#ZJIJ*:AFHYJ!JJ9J&:AFHUJ#JJYJ.:AFH]J :J% MJ!916C>IV[:A,3Z[SQCM&T(U%=4T5--1S4 U$]4L5+-1S4$U%]4\5/-1+4"U
M$-4B2NMDZ*3M19H,]R(1UVT.ES@U5"?/9VM1]GK>U9YU]C[!U-!!Z:AFH])J) M:A:JV:CFH)J+:AZJ^:@6H%J(:A&E=?.O[?
V9#$_Y\^1L/]Q=G_F7G^H/#_KD M1$7;BU!-0S4=U0Q4,U'-0C4;U1Q40-@+_^M'_P&9R3[3TWY%%ZWHH9J/:@&JA:@645HG^R[;GJ/+X9ZC3_DT2Y-I

*MYYR|>X.\X&Z1S#??Z#TC'_9/33]44U%-0S4=U0Q4,U'-0C4;U1Q4S M^I/SW5*1R_LJ&Y7WGT9GY\^6WRKO5:5GN:Z\-_N66\I[NV^YH[QW^Y9[RGN_ M;WF@O \WR_;X=]\6,5SZ<7Y/$D+L9#WU5.Y>//V\DSDR?QA]T69K3Z>57]) M[K*RS):;AP\RGLF\7J'Z_GV6E8]?U 6^9?GOFY?KYO\ 4$L#!!0 (#R-M9EE"1&I19P, ,X5 - >&POC.G5#G+E(MBX,Z5RM]Y7C&=TY04%UE.A4:23*9$ MZ:Z<>44N*8D+(*7<:[=:H9<2)MQA7RS2JU05SC1;"#5P>W7(,:>/\ <#UP[>N M8^1&64P'[NW9ZV^+3%V^OV_'(W?E8"YZYG%>T\0O2BA>MJ#),. M'R>]7QR7[V[+EX13+66HIQBM9Z'I/ T3.A@YL@_ISX]?R"(TR-YEZ+;LKK9M MH;ZZOMW7[Y^(K1K8<.5553CL)YEHBC%P34#G)2EU[@@?N"/"V40R8"4D97QE MPFT(3#.>24?INT ;\2%2W!O8-SVX02J=E(E,EKE-!O-W4EV^ ZQ(8)!Q7AML MNR8P[.=$*2K%E>Z4%Y?!!Y\3M<>K7#N<2;+RVQVW(90GG622R9C*.WHOKD/# M/]<)V)%L-H>SRG(/0*6R5#=B1F:9(*6'-:-J:-DIY?P&GAY?DRWM9;*QHF4Y MB+JI#55-(V,ZH+ ^I9K0W93O/TG5R=I>I#PL]'%'VH5+HM:0)6Y;]95(;P-1] M7)WD.5^]YVPF4FH&_^B$PSY9\YQY)MF]S@:E,M4!*EWGCDK%IIN1[Y+D8[I4 MZW):)KCG]A%Z_K?S/*."2L(W3>O:/^19? K;CH/M2ELNGRJYA]\=]2W#H)CO' M8#(\!I-'49.]PS<91(?OL=IL'KC)[HL]V9]BTC](DUZU7=O8$V[M".NH SOO M@? L%=OB\2>I,%HPK)JK>G,4Q%0\VAEI>D8G^9W5+7U\?TX0LN!K7X,!MVI]I MS!9I5%]U#1-17=6T/\'P_+#>]NM<3,1T2>-1U96S2=ET=$-GK0X@["}7Y6%' M,(I:[A@6!I, <8Q+'S/_S2>'CH>@V'>>E:DAW)Z*,>P;,BH_&!Y[)Q@('_:1 M1E$0A*$VHZ.1U<$(F[\IK?L$= M_@502P,$% @ /(UF69>*NQS $P(L !?3T\$MP> M:4#M.*2VBZD8_1!2:5K5N %(MB6/:(7->=I3W;+T]!;X"O.DQQ0FE(2S,.\,W2?S+W\PPU1>5*(Y5; M&GC3Y? YVX$G1H2)8%II%R=.B':5_'D?,Z5^L)>ZDN9TL+)V?3P< MFG(%-3=_JC5(=V:A=,VM.]3+H5EKX'.S K!U-4R.CHIAS84#MJ_*QBP6DA1BU\P/QT<#9A9J>>_ ME1:_E+2|>BBUJJK3P:@[\03:BO)#\X.'?.0ST[98/KOG#N1T4!RY&RZ$-K:] MHKT_=XP;1'30RC&2&0&9[A/PG"2!S!#+?6W=SLV(!9(% %I\)N>)R"88) MN>4-(,<(Y'B/D%%W?T4@O])"?N=&& \XU6#T5 =HW!.T;+=H]E.Z"ZI6= MS]7:/X!S^/8[?"-4+L5_NP5C=E+;13K9M M^.[L"C0[N- P%S;$Q 0S(C;,%*1Q;0'@5#EPL$+[\1-B8HH93NF0[M\<;*

*5O>S?'S>':Q^%#?^;X/ <9FF4G;&I&1:::>! M@:]\L:#[Q3:CPO8;_Y;A+']'X:R)SE:JD&;C, M:*ZZ]=:TP_6)6L](%BD+Q06+PO.:TPP,LN4LF^2 7 (P<#-=N(TQC>,,*C5X M#&(]A1A;=LC;;!HZ@=KA:/9I.OX7Y\M]Q>3FVEQ?X.Q.',(%'H,_-;1"^CF7<$;H[+ M\;QC(}K@BUH]-IM6"L_*]G[':^P> C0$<'@CV.2,-L+;^N>.+M3)D(]=(HF0] MU!X,+A)ZNV/.D04RX@0^>=:MB:V]<;[Z]7M+P'FDQ3]!V];G7.],RF'I M)=.GZUVG,ED&T:GN]M"REBV?||W(UO4/LAO9#K80O:2'H].F^OITLDYW,U M^!@QJ7H7(^>UHJT4R[RC^"9D*"5:,P)OW4+]?D1#JE-Y(@KM+:.>2;.9[*W1 M\7@V_X#SS^.5'[#*+X[N@A)ZEHI(PEK=+6:.5C)6GJELHQ'\/=W03JDS9HG M(EES@?9(O@U@HQ# 4Q0H9[0W1$J@GHM*^ MXNE375$@!/.Q3"YCV-=G9\1H6.(ZPNTD]-W]?7W'3*W70>*2)X.)%<\+TYR, M=N3UO%/V0F4:6):M=R/Z'M.@#K8]E0Y\.I8\?7*N2(-!Q%IV(4H]^E)W\B$P MP9WG+B=0L?W&>7_)N:.=BGLBKO8@U1[3,5W*85TX1GAO_+A_EF6W!ST>;(`M_D8YD=]GT]GUN!W+1LPYF&*%U\PX7LOOM&% FH9%D4,JIB@K6GL^=X)I=>G.MYGG.D_F\WC)9B5R/?IZ>YMH6XP(FFQ^ZF@S.'=CH&3D;M<=92LQS$RFT]J6R MW#G;0!QZ$.9!94?:T.RN2WJ.(M8F^ZO;=3?-SF+EU(XR*FT@4LQ3E (Y SS MT:BZ]Y:-CU+E6ZU/MFV:I2;XQXE 8 Z.P:Q MU/NDA&/UDGM6$#@J%W4P[2^UN!O/D%(6_2B/9M)HQH_?9G.:SNF+[BZH].TC M*;(%I#!:EP[8K]WQCH_P=92DMCS34(.K!9!.I=HK&%G6.MB2,1IH?>3T$?"& ME*7HASU]R:KG!JC62"T=%J.LE.2O6^)U*((ED8)7.M"O6OLQ>S=(/=J-@KT0 MY/#Y;WX/SAVC5,8$!2DSJ>OEZCD4YHFQS*#UJ P6W;S%\OV(!G4S8"_D:"B1 M'I/JC6.$5R^[$ZUUH_^ XO7=OO?PJ'H/_(VBZJO'K26Z=D)'VAB=JQ\A2R1G M4_',?#*616EX*D0H5*U/4=\!I4`7]M77UD31-'6GV^O6SJF>?T6\9H6UV(4 MDRY<1\X,!\]T\IG\JJ?4I)G'0,8V<.]D3OC&U+Q>0OF;&G?WH^LFH3$KTK! MKAW"'3!?G-9X_O7TU6(YIBG$>L"]VS]<17@G9_6VN1$OI(6+2\R:[B[GZ%A M.8"%IZ,4^I68<&VN+D)F"'5%+3DT]-(J^5%$]L0WS%#)\O?D"0%DP]+6%[0 M-W_[_O1U;$Z-,D4OSFA@*=>#UP*015L4"R4DKYUW7K;>_=D1V!?1?T_(MHD=)J,<@\17,IP1J0?:JZYI*T[QQ(<'U,>L44C[CVX]83ZIYS$^X>\79Q'G;\OZX=TP M%FOEHLE(>HRZ$Z!=6A9+K6M57>!.((A-\JC#";[X%O7,#T2X]&J](!W7I- M)Z=1,BF($I&YXFL7DA18\#JR8@PZ#+758.OF](\".*0@N$^NW52W_4FQ[0UY M-7_<;6)7-=&!.UDNY^-XL>QN69_]/NO2S)?34_>^R=$H..Y^__W*#TT1EJUU M09X,!=,V47SO3&UE3;YMPGK54^MUV1+_D&+K8]+TR3C0SVVS)Y_)4*U.,UB^MVH(=YXO54D,/"G0J3&)M'>,%,.]$84F!B(0S\]!.83X2XN%=8-?U*]TW7XGG MZE+.KA72^A8]+73. ,Q 5]U,\Q!T\8P7+T'X4J1J73VY.[IA51KU2+/;'5][M$6!/%SP[3H.S%# X$QO!.)'%H)'5T]7O0%ST=L"7PTENPOA2?0 MO6OC-1("C>08F;"V1I=),L@\,>$!I4F9*-O:37@TR&-;)),\3RFYFK463-\I M,"*"=&;"&7F',/[>[WMTA/Z\3WR[E[%UEC6?:8/3E)Z>+LHKN(9M46C4+[M.9[6L_2?NZ'LGP;9^.I/SV?L-XIF;=[2!!:+<1FG#GC=<3J9I?&J-&M=!UJ+MZLM'^'K=7WX'J1,CI2)*\)D)C<0 X4!C\!062D@"J=\ZZ*H@T$?WN=V!P!7 M)6Q;ITTD&[@ R8H"3DM(DH8\+G-OM] J*@,: M=FC>7OF;/O7L;EE+RK)M)=%MGAB!#"(9YK3+37 ?F44F6T05:(F"R:]XV_C#(M!\]8&]^4QDW!+NZE4):]>"B6.2MKTTM;*T)TJ05(/'G/ 55KWWH_I$,R(,=DMYZT2UQ[E?%R3<2]L[8(+ 0.3TM4^ Z+>Q)84A0N11UNB%;KUZ9S&+N)37P#P MA%0]KOC;V9[]5EAQ8*0NF874-4ODM,(R6I:$DL65:')LG>9KH4E;SL_]7FOA M6J"SD14HGE00"3-H(8A*ICCKLDWR>*;FAPE6CL#&W4U,.P$?Q5.\8Q3=V;#$ M97(4.-FB2)^$>D&"=9[EK"QXS4UI?K!\/Z3#LB9/0,;^Y=OK49[/-&S^;@> MA;EZ^;T=YR&'>7;[YA;'>?880[,#/:L'?B-^C;1(EIS8Q+CRHEX$+AE@%HQ< MD:@L{A>+TW>?'Z+8^C==_TVGHX7IYC_IOEU<)YC_6 /"Y&Y-!@D+FN#ZAN MCK3,YOSW :=]-N/OY$7O'[TM^[!)]>?.U*A MF"229A%:?[!:Q>G'G'=_]M7LNX,BVT9 (RKZNE M59!K/9]F(9JH=;3*"GZLT7:(AN0;-^/)[8++9D)9MDVBE\V;ZRDUQ/LYQ_Z MU95W#F&DE0R)_#06:E-7[00G"ZT*DX[L,D<;5/,]AE;8!Y4U^7-T=03;ES1CB>#*N=F8\79[BYEWSO*D7LGSX10/L;=-'W^X MV>UO-AI9W^O0+A%]&P4C<@JHF"N2_'D78VW\6UCU\HGD1"21O'_3=B@'Y]"W M?^UZGVX4N9%&J,B@6,DT5Q3G:@O,Y) @9*6-;]T]YWY$0[*Y+=AQ*^?=3A[M M]EFV8_I]-DUK6$8)%"H[1C$+C5AV#@"]RJYPH0S8$)K7W#P$:D@9J2,R94^1 M]&CS7F)M3UGHU@FK9+:,Q#TCXN04_8*N&M]M>]UV)$-2_KU(?\I)/[Z;'XEVBGXD^E/U-W'VH>R5M\$]LN_6!62:7#GF"]E\ M][S(4>4H99^:\? K'>+RI;1>0MM=-0OS^3=R/]-]Y2B41U5O2T^ M5HP"A;1M1>:&UL[+U9=QM)DB[XWK\B MI^9UO-+WI4YWWT-M=363E=)(ZMM]YP7'%W,172"@!D"EU+]^S %PQ<((A$>0 M!.MTM9*D*/@7]EFXV^9F__P_?EQ.?OD.\\5X-OV7/[$_TS_] M,X2^/IUW_Y MT[]>4?LG_['O_[3/_WS_T'(?[SZ]-LO;V;Q\@*FRU]>S\$O(?WRQWAY_LOR M"[Y]]G\[^/O_I>/$[_,L_D%(?^Z^F>O9]]^SL=?SY>_<,KEU:]=_>W\+U2! MC51J(7G1+]HB>/*D.B%#,S&X)7\O[[^A5FI5/9 @HJ)2!L2"3/L_G7M7SFEXM>KW_[3YM=_;/W^'V+UVPQ7_'7UM]>_NACO^D7\6/;K?_SMM_Q'"X\ M&4\72S^--PO@\FEY_0]OHU&_KO\2?W4Q_LMB]>]_FT6_7!'TX"ALO;R,=3Y>_IO'% MKYO?^>=5/)HAXJ0G+G]_@7_ZT&%/\F\#5$\)OQ/2>BOWKD DH5./JG^,1?.V,Z M1R#S>!F X$]A6E2|(L9=G]X=_5GD0397TZ6%1%O?W95O+,+/ZXIX*V/KH!V M]4'D BX"S&M"O?.YMW!>@;R/L'SD^>R/"UC^.SW[W@C4'Q>D[*34 M";I:?/WO;BV*[(ZGX]DA_(:?:OYQ6:+M\O!C"=,$Z^WAZM.GLWCGER9E0X/T2+A:CS*0*$B@)F5DB63 DQ&A) M!!MTRIY12K?Y6%SQNX#XYZ^S[_B*K\6>90O5H)9,W)P[;6T.CS1&!9??)C M2"]7K->"B*3Q(6*DQ#F5"5BK#?=&,YZZ/\35HMF\G M4*P4?(/@:_GB6,(O%^2K]]&GY=H[)0/>CWQB\6'_'DYBW_^S%>C)7F5OC MBS7BB=19$!?-;J=OA&AT[P2OQ/XVFHJTIS4_;DBO3>L%UD/MHP52>R:$UP3]%4>D2I&XQ VQFH%-44:6Q#-E_XXQ\XCDMQ%Q'Z3/+BYFTQ6@-MOZV,NY$S7OL(Z'A"4D0"R\0]$XDR5B47\?2DJC;G]T'4I'R71;S-=U=F[A/= M2:S;/..N/']$IF ^AW0;DTB> 1Y?)/H@$).4Q(N@B'(1']"@R:,/V7;'4+T+ MQ[-GN[-P*[[8Q62YBF%]P=\=!9"0^GG2YA/?GZ";[/Y8CV?I[32]09MC9$#:&$,FPO% I+>X;U#O MB.8LZ@A>:[,CBG,$PW>6/1E^CQ?F-KN\RB8\]VAREH?<:!S0+*/C)<8/!C6. MXB$C&4-[T@?/3*+5-N1[*Y\,QYU$NDVSZ!PM^_EN/('?+U?G?M"4*ZXM >\9 MD8Y'A%&4STG-7(J<95LAZG>SXK.GM9,(M^F4W>G\!%_'BR5]V?)W?P%H&P*3M$GT\+03:AM0E$J@$PK7G0B<1!-0(Y-%]41H[2#*;6I5=VK?3^-LCIO&ZB%7 M7OJKV>5T.?_Y>I9@E'BP 1RZ]%R@T>X21:-=H]%N14*7C2H?:[R\!T&<"/'U M!+VM![J[/GSO/]XG/$O&>;S./6_VGBRB-=%HXH]=@)]*-C\ZZ"11E82W6D39 MS< ^N/R)<%]#N-NLF^ZLGZ4TA\5B\Y_RN&Q$+77.ZDBBXIM1.])"]J110$\ M4VFM#!48W['TB;#=+5:C;3-MJ3+_&+S_.O\S^F(X8>NTV2$TB]YE(Y11QG@)1 MF7*J+;H"*=?C^6;ATV+Y2(%N<^RJ<;PZ7#[,AYGW\?3"*/,2QH.73VI,KH$ MRE-BC5>$&\[1Y4M1N$-9BY9$WUQ]M-CN(MH=T9).(;$[P#[.%DL_^?_&WU;6 MA)/4IT #T:8X#& ,\<8P0BFW25F)>Q"OQ_B=M4^+[^/%NH/M3L&QLL^[5GS^C1HMO!8:<06"GKG'P\ MGTVO''MK7 0!EN250FF*WI_FG@BKO%)X;H2.[^C]%9\JEYU%N((3K&NSQ O MY_B$C(?MG8)=7^:,^U,%__GD19I.14PS5"C"H\!'<@)W^'VP!DY%U(O/. MR>.%MX/&3H&M*YUZ^R,>^^E76 7;*'7;Z>{U2L'#+<(KQ&5!B^U([BW('MQ6"5:\OYW.8+M?9CJ)T:)9?+D8)#3$NLR/H.I>G!$XL M%DG$T@=4"%^]N]NY>_=ES74VT.SBO$*IZ/UW"W,?E^#N\]4N_P3GB](@* M+3=\1BJ(C,X2ZZT@N,U G,8DH;OMTH=6/Q'.*XAV!^<5@E8E!S9_C2[WU]G\ MY\BKC$ 0@(L:33VA@ 2'R% E'54,#/Y=I4SB]:(GPO#Q@MQ!;(5(U><+/YF\-MNES@XRT6(\I"LBHSHC2/;/..!1[\,6C07G(9%%!7@=@[BYX(L<<+2-_MC1?YUHG0N_18MS!:J<8U<8*O*G7_GSNY[#X<+DL-YJ+ASH06=(EMG%S!-I;3LW<0CDH2N MNT>['Y\1B*0R$V^9))Q'E85*-D'L1/B=Y9X]M\<+;P>-G0):5P6"I\:+Z"?_M&_S\'?YD.0K>>!6MQD<)$@U @Y9]O9^]M36$.@.DCN% MN^YB6M?]KE$5 Q DI83&H(G4([B54A**B$!FI5VN4S]M?2)$7VL4'=072/Z MA;CF?O)^FN#'_P,_1S&Y8$JAOE01$7'F2 @Y$!FD#N@11$-K9'OO+?OL*>XN MS!WT=@IT;0(O-YO+5=D^US&SA%!2D C%4D>\<9:(''+EE@K>\0[$OI6?/77JU@[^O2O9]/%;#),I?'2V_^Z1.%< M3OUE&N.W=[$UZAO2=H7.'48Z/5+'7B1;%Y=O=$E C@ 4C^@T*S,M/R?BAB2QH\H+.YD@"G@^% MT#H]TR"=2BKQN;<'17LQ/KE6)>O7J0019E/\=K&ZGF\2598J3[07";U(E8C+ M/)*8N+)69N_UH5*A3HJQ"]#0+4MJ$+U/9SH+O(<&!O MN8-)=^)F?4E],)60)DK%%2<@&2<2+2@2J(FE5H,K+;34IG9?BP%5H6D[DX$T MH8VP>|" G0T97+2M)%O#QU. MMENN>*\<4UR0N&K(;4FEDE&$"CE7@AJ];$LW#/M9%.?[6Z2[>'U/DMD)40_ M^>C'Z?WTM?\V7OK)E1Z"S4],LS:H1XR)8DKY5H9@O(Y:IL/MET\AO:#@$Y!M!>I)O&*7A2MPGV")SX?NM9]/Q].OBPVJ2 ,(RBPQ/DLBN;4D>(K;$_-9B=)J M61X*$QZC!{N1G((''5)!OQ<8+UVH9X^7%Y:3$5CXLSV%>GG@.Y\4H^@IE O(% M;('"'EQZTY83RB/Z/%HX$"XIP;Y54EAMS,#5PU*;0%-PIZ$<_3%1L[O!P8S_-MI#%24))8 99M("Y81K*E#A]VS%Y3ZZITOGWJWT\KDMQ%Q MGW&!%;2S*V\F)A]5Z46"6D+MX>X !H?<_ +> /K_[Y?>[+GLPE^_F)M"7V:32;O9O,__#R-M$_%+>6 MA1(LSD2+QA^ZX127/(4XJ$&,,=H0TN(P^MY2144GX3TH$';X$:4"V4H.!)#M8$0J*8BE2I&$!FP(UC$F#O42.#WHE;@=M'[&3U'LX/7Z'Y=J3^6VV M6(Q,+B&P%-'AM27C$F6+3.(K)V6XE!-X3$J<_?.:-_O*Q[!;CV>;0%M&P+]D+_X'Q_+]4&4_G(Y'X?+97&?OLP^^O7%,BZB4[A#!BOQ!&2&H2 B)TIZ ME;(WGAUL>W"_JG2$?-K*-22?/42]WHR_CQ-,T^*U7YR?A=)=.2(HH0VC!E$(M]-!ECFAP903E918N^(_5WI_V@GDM%6GN^QIB&E=@[J;EQN:!"ISOXC)-)<& MUXD$)2S1#DUNRAT^>6V'=@^4X96BE'[J.\@Y1ZLDIL'O4G3C<#S$!5P(E1! MM,A9)B$!;E@T&.82FD^\O\W@:L=)T7ZL?'LP2%8@/L&WRWD\QPTOG4W3)UB. M427?7,['TZ_K^OW_Y2>7,&(J1]$8/ '#T782)D.#RGTZJW0GDAX5##@*-= ME6;P3ONTZ(NGBIV1;S*_WFY6!8?2_%EMB?=N[]5XZ:KIF(\H>7DUSW846:+M\1(^P_S[.,+ZH3Y!G'U=<[E^/J,R>)\840X Y;AZ!]&0IT"%8"Q%Q0OZU5CXN M+=_O,YVV\CXIC:C8_K.R_E^L;C<\3:NGNO5_><:HME3VS5K'K](% EHE).(VB*52E29^Y=*55L1[@Q:C M9%:&^C,U=X;.E.*[H>KMXX1M8#E>Z4\9WEIG1*L70]=ZXT M\=/$B,R8R2EG4?ND>_*E.Y7);R/BX4IW0DZ@T(;6OH"*TA(O<;_T*7//3 2O M:O/^A$MWVC#4K'2GA7A['UI\$W^'^(0$M] M>Z)&&AE-]4.B:YGKR/5A;_W^*@8K'CE%^/%+*-^+U 0]T#1FW+'9;(X(A1Q MX,,Z!QJ:.]T41G@]F\95BZ!5('>\|^/N-CDCFF1)9DJC*J.1<9GI9%4D(+$2T M+)2)A[I='O?^[$/3?<>X)\EKM\IFR=;>DRBAM9!)-CJGU/ M:#>2H<(,E?C>WA,ZB_>QPPZ+^1*/OUFZG,L\ATTF8V58C;<(K"7@PJ-5+-N<"-6IW_CDGCN#!&B]#55M67G?Z"[TV}]3T1A0-+;R+4BV6BWCG'^[AU.KWZ^@FD\ MO_#S=21,)!8--Y%8&WDI'P_$4PXD&!&]YQE=C_J-0 YC.H&#O!?Q]W'?=PO? M%;JK>^|-\/650G@_V^,D%.HR^]"Z5*"CCRS#0SBI!;JD$H32TONBO#T!?Q<"_M3$#.6AB0]<-)CZ$N#V0@'E=;VK#0@Y9\JA-8?(+O,+V$WV&Y.1"YSE):Y?!@M!8=';*ELT[BQ4FH4]U93P;JWDM@%Y!'2$E7YNI^7[BSL8:R/+_A/UY:S=5YD M[D@,,#!_6!X3&:29)..\S<\!\[Q&S&SBG;7,<)?0>;F=M/RW^PRMGMP&TH2R-M&UA/QL@XCL('(X_=Y#^$:7$+HM-LY:!T*0MD4HG8J63!!03(5ITI]#VT3&X M:K0W*'K7C#9B[T,C+A?+V46YE'H/XN:,,,]91!I,DR<>$&R;UI4.K($9XHX5 MO]O6;DKQ *0G8%H<2]!]M:@H^R'LBX]X!9,X%=@(WQ2;GU!M-K-4< 55&M*M1,A*0D1HNG<#XQ;>)Z 4/:6OCA7Z7H6H67>_SG/=FB/RNY\7Z-_A^)1V@P_M M7D/?$GBM2OGULM_=S\Y=I09UH%:1*>N:P,^P)KT9,/C@B3-<,?J11KAT^/ M@#E877Y M[=GRJ?+-3%G>1G;',ME6$Z @Q8<8G#AT!C& M4PK;JZX3;6/Z;,AYC.!L$WS_B.D?S6C;*.TQ=#R&VB09(XNNA!&%(3*91 *Z M%N5.?E;1)4H/#NY^/NK2-;;?]J:T86&PF'X2408=)3$0RZQY_,HQB;NW\,IX MBRA5]3N[SR2FWXJO1C']-L(>.*8OO12:Y3+GH*

*5O>S?'S>':Q^%#?^;X/ <9FF4G;&I&1:::>! M@:]\L:#[Q3:CPO8;_Y;A+']'X:R)SE:JD&;C, M:*ZZ]=:TP_6)6L](%BD+Q06+PO.:TPP,LN4LF^2 7 (P<#-=N(TQC>,,*C5X M#&(]A1A;=LC;;!HZ@=KA:/9I.OX7Y\M]Q>3FVEQ?X.Q.',(%'H,_-;1"^CF7<$;H[+ M\;QC(}K@BUH]-IM6"L_*]G[':^P> C0$<'@CV.2,-L+;^N>.+M3)D(]=(HF0] MU!X,+A)ZNV/.D04RX@0^>=:MB:V]<;[Z]7M+P'FDQ3]!V];G7.],RF'I M)=.GZUVG,ED&T:GN]M"REBV?||W(UO4/LAO9#K80O:2'H].F^OITLDYW,U M^!@QJ7H7(^>UHJT4R[RC^"9D*"5:,P)OW4+]?D1#JE-Y(@KM+:.>2;.9[*W1 M\7@V_X#SS^.5'[#*+X[N@A)ZEHI(PEK=+6:.5C)6GJELHQ'\/=W03JDS9HG M(EES@?9(O@U@HQ# 4Q0H9[0W1$J@GHM*^ MXNE375$@!/.Q3"YCV-=G9\1H6.(ZPNTD]-W]?7W'3*W70>*2)X.)%<\+TYR, M=N3UO%/V0F4:6):M=R/Z'M.@#K8]E0Y\.I8\?7*N2(-!Q%IV(4H]^E)W\B$P MP9WG+B=0L?W&>7_)N:.=BGLBKO8@U1[3,5W*85TX1GAO_+A_EF6W!ST>;(`M_D8YD=]GT]GUN!W+1LPYF&*%U\PX7LOOM&% FH9%D4,JIB@K6GL^=X)I=>G.MYGG.D_F\WC)9B5R/?IZ>YMH6XP(FFQ^ZF@S.'=CH&3D;M<=92LQS$RFT]J6R MW#G;0!QZ$.9!94?:T.RN2WJ.(M8F^ZO;=3?-SF+EU(XR*FT@4LQ3E (Y SS MT:BZ]Y:-CU+E6ZU/MFV:I2;XQXE 8 Z.P:Q MU/NDA&/UDGM6$#@J%W4P[2^UN!O/D%(6_2B/9M)HQH_?9G.:SNF+[BZH].TC M*;(%I#!:EP[8K]WQCH_P=92DMCS34(.K!9!.I=HK&%G6.MB2,1IH?>3T$?"& ME*7HASU]R:KG!JC62"T=%J.LE.2O6^)U*((ED8)7.M"O6OLQ>S=(/=J-@KT0 MY/#Y;WX/SAVC5,8$!2DSJ>OEZCD4YHFQS*#UJ P6W;S%\OV(!G4S8"_D:"B1 M'I/JC6.$5R^[$ZUUH_^ XO7=OO?PJ'H/_(VBZJO'K26Z=D)'VAB=JQ\A2R1G M4_',?#*616EX*D0H5*U/4=\!I4`7]M77UD31-'6GV^O6SJF>?T6\9H6UV(4 MDRY<1\X,!\]T\IG\JJ?4I)G'0,8V<.]D3OC&U+Q>0OF;&G?WH^LFH3$KTK! MKAW"'3!?G-9X_O7TU6(YIBG$>L"]VS]<17@G9_6VN1$OI(6+2\R:[B[GZ%A M.8"%IZ,4^I68<&VN+D)F"'5%+3DT]-(J^5%$]L0WS%#)\O?D"0%DP]+6%[0 M-W_[_O1U;$Z-,D4OSFA@*=>#UP*015L4"R4DKYUW7K;>_=D1V!?1?T_(MHD=)J,<@\17,IP1J0?:JZYI*T[QQ(<'U,>L44C[CVX]83ZIYS$^X>\79Q'G;\OZX=TP M%FOEHLE(>HRZ$Z!=6A9+K6M57>!.((A-\JC#";[X%O7,#T2X]&J](!W7I- M)Z=1,BF($I&YXFL7DA18\#JR8@PZ#+758.OF](\".*0@N$^NW52W_4FQ[0UY M-7_<;6)7-=&!.UDNY^-XL>QN69_]/NO2S)?34_>^R=$H..Y^__W*#TT1EJUU M09X,!=,V47SO3&UE3;YMPGK54^MUV1+_D&+K8]+TR3C0SVVS)Y_)4*U.,UB^MVH(=YXO54D,/"G0J3&)M'>,%,.]$84F!B(0S\]!.83X2XN%=8-?U*]TW7XGG MZE+.KA72^A8]+73. ,Q 5]U,\Q!T\8P7+T'X4J1J73VY.[IA51KU2+/;'5][M$6!/%SP[3H.S%# X$QO!.)'%H)'5T]7O0%ST=L"7PTENPOA2?0 MO6OC-1("C>08F;"V1I=),L@\,>$!I4F9*-O:37@TR&-;)),\3RFYFK463-\I M,"*"=&;"&7F',/[>[WMTA/Z\3WR[E[%UEC6?:8/3E)Z>+LHKN(9M46C4+[M.9[6L_2?NZ'LGP;9^.I/SV?L-XIF;=[2!!:+<1FG#GC=<3J9I?&J-&M=!UJ+MZLM'^'K=7WX'J1,CI2)*\)D)C<0 X4!C\!062D@"J=\ZZ*H@T$?WN=V!P!7 M)6Q;ITTD&[@ R8H"3DM(DH8\+G-OM] J*@,: M=FC>7OF;/O7L;EE+RK)M)=%MGAB!#"(9YK3+37 ?F44F6T05:(F"R:]XV_C#(M!\]8&]^4QDW!+NZE4):]>"B6.2MKTTM;*T)TJ05(/'G/ 55KWWH_I$,R(,=DMYZT2UQ[E?%R3<2]L[8(+ 0.3TM4^ Z+>Q)84A0N11UNB%;KUZ9S&+N)37P#P MA%0]KOC;V9[]5EAQ8*0NF874-4ODM,(R6I:$DL65:')LG>9KH4E;SL_]7FOA M6J"SD14HGE00"3-H(8A*ICCKLDWR>*;FAPE6CL#&W4U,.P$?Q5.\8Q3=V;#$ M97(4.-FB2)^$>D&"=9[EK"QXS4UI?K!\/Z3#LB9/0,;^Y=OK49[/-&S^;@> MA;EZ^;T=YR&'>7;[YA;'>?880[,#/:L'?B-^C;1(EIS8Q+CRHEX$+AE@%HQ< MD:@L{A>+TW>?'Z+8^C==_TVGHX7IYC_IOEU<)YC_6 /"Y&Y-!@D+FN#ZAN MCK3,YOSW :=]-N/OY$7O'[TM^[!)]>?.U*A MF"229A%:?[!:Q>G'G'=_]M7LNX,BVT9 (RKZNE M59!K/9]F(9JH=;3*"GZLT7:(AN0;-^/)[8++9D)9MDVBE\V;ZRDUQ/LYQ_Z MU95W#F&DE0R)_#06:E-7[00G"ZT*DX[L,D<;5/,]AE;8!Y4U^7-T=03;ES1CB>#*N=F8\79[BYEWSO*D7LGSX10/L;=-'W^X MV>UO-AI9W^O0+A%]&P4C<@JHF"N2_'D78VW\6UCU\HGD1"21O'_3=B@'Y]"W M?^UZGVX4N9%&J,B@6,DT5Q3G:@O,Y) @9*6-;]T]YWY$0[*Y+=AQ*^?=3A[M M]EFV8_I]-DUK6$8)%"H[1C$+C5AV#@"]RJYPH0S8$)K7W#P$:D@9J2,R94^1 M]&CS7F)M3UGHU@FK9+:,Q#TCXN04_8*N&M]M>]UV)$-2_KU(?\I)/[Z;'XEVBGXD^E/U-W'VH>R5M\$]LN_6!62:7#GF"]E\ M][S(4>4H99^:\? K'>+RI;1>0MM=-0OS^3=R/]-]Y2B41U5O2T^ M5HP"A;1M1>:&UL[+U9=QM)DB[XWK\B MI^9UO-+WI4YWWT-M=363E=)(ZMM]YP7'%W,172"@!D"EU+]^S %PQ<((A$>0 M!.MTM9*D*/@7]EFXV^9F__P_?EQ.?OD.\\5X-OV7/[$_TS_] M,X2^/IUW_Y MT[]>4?LG_['O_[3/_WS_T'(?[SZ]-LO;V;Q\@*FRU]>S\$O(?WRQWAY_LOR M"[Y]]G\[^/O_I>/$[_,L_D%(?^Z^F>O9]]^SL=?SY>_<,KEU:]=_>W\+U2! MC51J(7G1+]HB>/*D.B%#,S&X)7\O[[^A5FI5/9 @HJ)2!L2"3/L_G7M7SFEXM>KW_[3YM=_;/W^'V+UVPQ7_'7UM]>_NACO^D7\6/;K?_SMM_Q'"X\ M&4\72S^--PO@\FEY_0]OHU&_KO\2?W4Q_LMB]>]_FT6_7!'TX"ALO;R,=3Y>_IO'% MKYO?^>=5/)HAXJ0G+G]_@7_ZT&%/\F\#5$\)OQ/2>BOWKD DH5./JG^,1?.V,Z M1R#S>!F X$]A6E2|(L9=G]X=_5GD0397TZ6%1%O?W95O+,+/ZXIX*V/KH!V M]4'D BX"S&M"O?.YMW!>@;R/L'SD^>R/"UC^.SW[W@C4'Q>D[*34 M";I:?/WO;BV*[(ZGX]DA_(:?:OYQ6:+M\O!C"=,$Z^WAZM.GLWCGER9E0X/T2+A:CS*0*$B@)F5DB63 DQ&A) M!!MTRIY12K?Y6%SQNX#XYZ^S[_B*K\6>90O5H)9,W)P[;6T.CS1&!9??)C M2"]7K->"B*3Q(6*DQ#F5"5BK#?=&,YZZ/\35HMF\G M4*P4?(/@:_GB6,(O%^2K]]&GY=H[)0/>CWQB\6'_'DYBW_^S%>C)7F5OC MBS7BB=19$!?-;J=OA&AT[P2OQ/XVFHJTIS4_;DBO3>L%UD/MHP52>R:$UP3]%4>D2I&XQ VQFH%-44:6Q#-E_XXQ\XCDMQ%Q'Z3/+BYFTQ6@-MOZV,NY$S7OL(Z'A"4D0"R\0]$XDR5B47\?2DJC;G]T'4I'R71;S-=U=F[A/= M2:S;/..N/']$IF ^AW0;DTB> 1Y?)/H@$).4Q(N@B'(1']"@R:,/V7;'4+T+ MQ[-GN[-P*[[8Q62YBF%]P=\=!9"0^GG2YA/?GZ";[/Y8CV?I[32]09MC9$#:&$,FPO% I+>X;U#O MB.8LZ@A>:[,CBG,$PW>6/1E^CQ?F-KN\RB8\]VAREH?<:!S0+*/C)<8/!C6. MXB$C&4-[T@?/3*+5-N1[*Y\,QYU$NDVSZ!PM^_EN/('?+U?G?M"4*ZXM >\9 MD8Y'A%&4STG-7(J<95LAZG>SXK.GM9,(M^F4W>G\!%_'BR5]V?)W?P%H&P*3M$GT\+03:AM0E$J@$PK7G0B<1!-0(Y-%]41H[2#*;6I5=VK?3^-LCIO&ZB%7 M7OJKV>5T.?_Y>I9@E'BP 1RZ]%R@T>X21:-=H]%N14*7C2H?:[R\!T&<"/'U M!+VM![J[/GSO/]XG/$O&>;S./6_VGBRB-=%HXH]=@)]*-C\ZZ"11E82W6D39 MS< ^N/R)<%]#N-NLF^ZLGZ4TA\5B\Y_RN&Q$+77.ZDBBXIM1.])"]J110$\ M4VFM#!48W['TB;#=+5:C;3-MJ3+_&+S_.O\S^F(X8>NTV2$TB]YE(Y11QG@)1 MF7*J+;H"*=?C^6;ATV+Y2(%N<^RJ<;PZ7#[,AYGW\?3"*/,2QH.73VI,KH$ MRE-BC5>$&\[1Y4M1N$-9BY9$WUQ]M-CN(MH=T9).(;$[P#[.%DL_^?_&WU;6 MA)/4IT #T:8X#& ,\<8P0BFW25F)>Q"OQ_B=M4^+[^/%NH/M3L&QLL^[5GS^C1HMO!8:<06"GKG'P\ MGTVO''MK7 0!EN250FF*WI_FG@BKO%)X;H2.[^C]%9\JEYU%N((3K&NSQ O MY_B$C(?MG8)=7^:,^U,%__GD19I.14PS5"C"H\!'<@)W^'VP!DY%U(O/. MR>.%MX/&3H&M*YUZ^R,>^^E76 7;*'7;Z>{U2L'#+<(KQ&5!B^U([BW('MQ6"5:\OYW.8+M?9CJ)T:)9?+D8)#3$NLR/H.I>G!$XL M%DG$T@=4"%^]N]NY>_=ES74VT.SBO$*IZ/UW"W,?E^#N\]4N_P3GB](@* M+3=\1BJ(C,X2ZZT@N,U G,8DH;OMTH=6/Q'.*XAV!^<5@E8E!S9_C2[WU]G\ MY\BKC$ 0@(L:33VA@ 2'R% E'54,

*S,1'N.^&P4T<"5ME*D='#Z MZ(G$|)^ 07(4(T/4%|R*2S6!]H^ ?TL*6X1UCY'_P '_##*(TEX .:HUOA?2< M6$DIH27,33,/1M;N*?*< OY|:48;L3]"P-]98;ASFH"FY>9=DL0K4,0$'327 M6D5572N>4\"_%7TM _YM9%_1^-A;?^LB\S:92%P,BDB*R)PQA@@OHO+<6,$: M-?-[1O<-AC(OJLB\8A'!XT&6$5APUJDL_1L"#74;(3"D6RAP% XE(MY16QI<^HY8K;S)61J=&1\+18;WL9H3[I;>3:UV6$]Y/'1?25B[$CT>.5FNM2 MRE8:C$8*.0M*Q?V;90>O(#RMBP>M!+WKXL$14JI\/O_-_^=L?F4 ,(;GEODF M-N*Q Z[TE@V6A("6"./!&:6=\;K&: [F|\DLXFSO*NV*O[8+F=W^!3WT'TU5\-MNP&HBB?S7B##G\Q=&9KU)=[*Y_)^<,!U]L "T:Q,3(I6DQ#YZF:5-3D;$4VC MYF-/B_,#'(@E+>1:\3\PA;F?O\U 7,['L?02]=.?F\-'>0DAEUY*JD2F M-=!.)I4BP /70?D$X?ZMCUU'I*$UACVO*U$PZT%^%0_O@NO3E_]X/9OC6;4Z MH:XR#3$%IE-IE90%D9;+,J?,$"VID5G%I-3]MW<7GI[L^^[GSV%E>?"KMR?9C^81FOKT79=4 M2? 1#E\@F8(C,")*A]%H65))0_HA<)6%#3GAPG72);. ^*44W\0_1]VJXY_8"^_MCR^"^00+M!\7LQT:7K..MLUZ/938'OVX0U;?YN3Q'/&>E-I(CU$M!)T)#¥D MYJB0B?GJG:N?:/4M"H!RGC+!-Q'/,.O18(K,$,=LT%8K&VSM(4[/O?]VC?;4 MJ+¥M0]%C5]\64_&F3ST^RTIDZUG/4C%IHR9V-<@*DB)!XE'NK1:)114:]G=[MP)'=O?ISBF:UXGM65>Z5HQK;B*ZFM#? 5#&@M0_'\/&L&AP=I+R#@(HEB@#%RS)(7+G./?&Q-O)^& (\O1/8==1GX2@)NB1K(\)&)HWB::BZ9YC1E M(6I7.A\$](PUH[[>XBI;:GN!A9HI74,CFB()=1GT8*6' @+66EE)..T=D!M M#¥Y03T(:0NZA>/FZ%? BKRP7Z3XO%[?953D!A.1JW1N"Y%Q*>@,!)J:\@&3@> MAYY1Z&_8TBY I^XDU&>E#Y598]F\$TW]%3A?@?((X_>Z4[4?17H+.4^;D;=-M 85K>DU!$V9EJ:X)AN F&(@",*!YL61]C|T8@/*F\W9Z9KR-<"OI"F^G7_') MKNJX[AJNSE'/'(O$]H+I\2H09I-'6-E U#P[=:\]T2[/X._2CY8@.4;PL_I2 M[YST? N<72Y@6N^/GHI@R5Y-]&!H63F9B::F?M^_06T)_1!C -+[R0L0F/NS_] MN5)805:57\7/RSEJT^4<[B*RW(1L4)]XMK84P1IBC5=$*9=C,E1!N)\3V,7> M[D]_KNQ5D%5%:ZD@^O=S@,E=-_H5)BLAB))E)P"AT3[$ATM64^J"\5PW>>^V M/_FYLM911CTT<-Q<1GZ'#XR>X'+NX_+? Q\OSJZ*:M5_BY#+A)G&V6.#Q# ^F+ M_5&'1#EXBEY<%IV(134)'G>+G!$KBUK:5-L4.@+I+$ZT2)*NZYNL'ID;O.^=#; M'.)X)82$:3J[**+Y]|6W(Y944,8&% "P34]413FAK C)*\=-[63O 3@GJ"^U MA%_[G%_]UGZ3U1<2&]?O?_RYFR4K#7@A"JEKX*:$,2+ZPG$#GU#JT/P9O4 M)N[\\!/BMHX >XB4? (+%QB;!QWTI6ZR2 F4G6KZ_^.;'\]78UG,__PJ+$1,4 M3"@/[@,ELH0 /3.(-RGO(4.FOO:%WQ;P3DA;^B:G!XMD(XNW/([!-(V+B7N6 MTDK^7V;_S:9?? QM_AS7TQ!>*7EB%)%1K@2(2B9$UIF_01EFL [M03WJBYR]=Y=Z+8;<_.0Z6_%Q/LOCY7)VDQ.!]'Z"P !\|_!^FNTJJ!JC60% M&#¥V43M86SI 5E3P$L"X:0D,.>!2&3(+BF1A9?BQ""E"]B><3K:@4%JQ0'DB, MIKR%,999MZNP -"H6+2B|HS/YUY1V49[:E14MJ'H"5=4"H/.9>;1J,Q&=1,F, MQ@45EG!?9A],2*S9>/J3KZALQ??#%95MY#Y445T33"^IHK(51TVJZXX1\%#D MVV@T9,/+X$Q1YA,HXK@5A#HN8B[SL6P_&\'3JJBLSGD;N0Y8.66-\S0A#J[+ M.HG0X'EB9/NHRT\D<6KJ35_D]) ,O#9C5YF"10%D?=0I>*)D*?UWN.LY:RQO.;J< M+,/SL/:HQRT0)Z@3W03=0_KN&M Z'_#;;+$895\;6R2@ (B-0E&9I6.B=HU8$UPGJ"_5Z=A6 M&=VY(=HM.'=PCBPHX#8SHCGZV3+BKN<,.MO%S6(0T0ARM=.<>\&7B+(SW:].P+UP[G'|\=3/?ZY$@TI7TJ0H\564 M;?,BC(1W4>JD"=<6CU--+0F>^S*%(21K=/*VMLG:X^.?3?+K_VW\=)/;M5F5:U2:K%<#]5(QS[LH'W<=(S!.T6"424@6V9P)Q\) M0Q_6>(]&B%*! TL:2%E(/OY*N.6O']<-51&]D/-M57C2!--+JCJQ5&3"I1C!#Q8'=<=J78BD!#+Q>64$_$JH:>*?T0;P>"V^NQ(M;U]U5)WS-G(=L.HH*I&VH(3G$[=JRLC;:?J;G_\=EF7,&Z2:@96C%NXAQ-)=)6" M+6^GR_RY[^/$VP@W)GS5T: AL?0YD4R4&@=A"5B6E>,IA>]?Q(;0 MZH5].23S JC&9$<1W1WRM#@X671"EEHA7"@:A= MAUD!]E AF3YT:']49A@6GW"4QD@*S"5&;&9EE*44>."@A0)X]M! .;J,X82C M-_/Q_W#4I@T/@SGN#3"]I*A-*XX:>?!""@H\KFGN(FF1%*P >U/*-<@&1"|-M3@9XD23GC4ZI)T5Z^ZA-=<[;R/51N^\;L#9 Q&T-GY)(2SUQ@0L2;0Z0@C,Y M-+D[\!R[[[?BZ.CN^VT$7'F],Z9Y@]?DU)C21EK3=_1C,1REXCDAJHR4L^% M1E45S2:[WUG()1H"G3FH6!U^>&)Z$U_5[8"]0(8W!+ISM$UX)0%7M@/V@W,A M)T032)2X!4I! W'> <&)*Q:(2.C&NGQ_K!RR!@4AO(?*AL_9S&>+;5["Z]D% M/[FUQ["~;,TE*)V(6!KF!7,XD*%<&$:/X%#9HPK)!1$)Y8G42A$G-LO3"AZT*[8-)>E5 BEO-.K+W$\7]V&H1:)7^1[A!##%2HL!2B2UC/CL/4E.F])2TD9YOZ/>M+C8/K_+<6:THP\H7L]|/$UJ2I6T-/NV'Y3G,KS.Y$4^0,FM)E69\.IJ2&-0D M:Q&#=):KW*05][!/?^Z,51%;'\TP#P[@8#)GG2TE6NGP\$@)0HA*_VB7'-M$]N>\!7S:$XN&|:_JL]1?/6K"]X&8%[J!*-61!V<9W.,E'N?8*2$2"I)37@V M)1"4<2LK(2&SNF1AN*>Q]GW)IS[!J!:[C;80[X 0C&ZP1PJ(#&4JK04\E"9$F MHFST6@?T&/+]*KEG-L&HE> ;3C!J([5A)AB!9.CA02+,15X&CI1P+C7$0M(I M1R:]>:CPY.E.,#J6P@JR&E:"D0!G>'2)F.@0$8FX8ZG M.<'H6/8JR*K_"4;>6A>5L01-0XOF? XK$:>?J!H6"TISE!:C(.^NE-,#J6M8XR M>B(3C*14.FF:\;0W97Z3BOB5YJM^2^C394=C[=JH9S':(BJ]+[Y&)ZJ$XG M)K^)&+R>0QHO%YL.3+_[>4G2? H?C2T6/6:5S76CG1ZM4!+K5[.ILFO!GI?CT-MMUN7QXU2X#/1@6K40ZM(*!,G+$]6LF!,<+4K0)O@JE?^>6>UU4J3,G=AU?QK M';?0 BW2,:C15I>1VEP2,Z)';R>*%%A@$;I/K6X.;ZARSNK:LK^6LRXE3Z%F M\|I'_BO.OL[|M,_Q1)-U.A(5#("H0=\DAQ+MFDU*M+RL.I@%>)9UYL M/1E1TX4G'K=,HM#<IY([6TV$-"1FR7-.0>B#K=86$/_\=?;]U\TGKAG>?'-#\,UZPZ8, M*PE^UDEJ/5R1/1S?-D%&:STE7*!RRF09"5IY0@U0*JC)PE? O2/.T$X3]G.?U MV>BA)^_=_% 3,"\U$=B*]<(.IH6.DW'LB4$"T>'91$DI?8.D B!?.X DF!.L^ M5TD5S1\(/\]41@/<;;"+>71"#.(5W'UJ^GA3 !C%))M"[-6Q"U]>7D2$4REA7 M0,*;E'7M7^&QX]FMQ+Z5!NPLLV&R@"XY7%D%D@WBD#(PXJ(,1+$R1"0[M#B: M9'.?9A;P6 8KR*KR> [@C1R)42$Q07>JZ*9&]7/5)-I 4T MZ5C6.LJH2>) "-8X$YI*IYW"46WO;.[U'I) M"B[\!5Q_W'BIY^_E2MX\]_*/RMR+2>^]D8I)A/1+ 8B/4,/OO3,89$'1;G* M;.=73QT\ .K4W;.ZK RM-INW10G$GARG!O >QYVJ3&P;M>G 2B_SDQZ&FB2^ M0UJ[8?37$>;,H>7V .:D-&#OB *W"'L0#< MG)PI<9VM]T1%CRU|/_7)7WDNZ&I:2BD1QI71@&@_V>@5X8P&QP'-J-3DJLZ!)89G MMZOT9_5%U_ON_P7_U6H/LU$X&F0L)8VTI @2"8X)8GT0.84D%/>]:OA72%Z6 M?7F4_'N8B+6-ZGHLL,X\K$:@5 !:?/Q.-X>5(4.0AJDJIC@HY0,A"*(X26? M6,XX;RR^!,#0#T]:YQY*4X=4AE8F8;^ZT$;6/>C Q[5("JC%FR)=2*]@BE]< M!5$N.TLSJ0Y*&T:*;^M(1@A.8<,WYK1? 7IFD]Z#F_OM:|]D=,#'I4AD&4^UH?2 MW??;,+$2_8>\;LK,T%Z..O)H2.2E[9P.AG@-B63MH[0^J5B]9?9A1">H+14I MJ)RG*C':Y^%Q^XJ>E[\RB-.V& #Q"(,YE=*=X=B4CHTFB MP,O4-B-XDWSC0^N<$.G5Q=I+'=!M-&RDF/+!,T-2CFA:&8]6E[2LA2BS160IL)&9EG)JRUP&2+SVU:46\$Y=I2J2LZU'G8>#WW7* MBI]6)H!^G8[_&]+OL+PRJMYA<*.USBIM(B/.E_$B)G+T"IDB M*3!4(@#%=.U@Z[%83U##!J%M6]WT8]SP/8O+\??Q\>.GXH/RE'_B+/YG&ZXAJRO%-#N:=0(BDD0;/4-Y";@FQG+P0/_3>V;$T_M 49K'R$J@UF@B? 4 3HIQ*75H,%J+VU#RV#>+&PAP M%=FG/D;)M2'6"X;>L(PEX8RYITE::\%#\L@,C/:1%2HC_MG@BN(OX-@/64,-T+ZK$RIA4IG/4I_T$5Q$,LQ>, (4)89USD&XJ.U)/#2B AB M*+1#>6GJQ@/9D\?0R_:B+T'?7B+%O3L)\|US.VJ5SIH):@W)0 BB%2V]+@" MW"@%GLDA)V-D[? C"'BC#>WJ5R)K5EW3E2KJ5MW'_O%QG6DH(_NJVWP8H]U[G MY 01.B-0GR.Q# TU2#GI3'G66RJQ<]I0FT6?._G]2KF7VIKM,->GV63R;C;_ MP|_3R J&_Z.94&44D< H"> 9H58SYK.WCC::0-0Q[G@+TA.-'!5Q:VJ2T'>! MQ0;>2(G A"U7E?!50PNV<#)=EE3T$PG62OKL@&QR-K0U>R&BA"*TGW47GE M?ZJBCN_N19]&BA8&M[PH^CG1P*I,JPD 1B=3%7I:Y= -PE'G)G-.',N%T#TD\B=*I/O>!8R3==U\ M\[SKM$0]/4EGE\O7?G',1!%P+D4I- :1:$UG&)P8G/?'>6]FC17NFUSZ3^Z&=-ML(Y4XF.@)#<>:98'FB3QVA5,P9&@J22&9T;QM(M:#Y'-[KEB,#J3:+1()-0 MYN$X%#J@I:^$R#P)SGGM:]-/NF*P\@M04?I[LZ3#%'=8&2@P"\0[$\HDK$QL M.>&ULA$TMU1#[5#<\RGN&&#;K,'+M@J9ZHGV3?7^5=[X([JB\^N*_TT=P>+U M[.+;;%KLQUG^'98?83Z>I7'<_'5Q7X_/K5<&T#F=WJ= *F70MZL\<+E&P.KET+>76]RLMTG4H2\3 MHA0)'9HH2CT>)TY)17323.KL>:Q^.Z,5P*'RZ/5U9G\BO38O3R>5OO-N7.#1 M^\],?@5D2H&K]+(*#ZF K-!YAZ\DZ=YO[@Z\|UN&+=A8,C+I$UPO>0;QJUX M:WJK]!BA#ZD4%H)5E&<"5)<<4$G_:$1JE0_)HG_!;/TH]]._8=R++K21]6/< M,/8L*O"1$Z[*0U.'WD#"K=&%['Q,WD*]'>E\1C>,6['7]H9Q&]'WD #;[USL MAZQ]RAE*?OC M&\0E)-QB+^?3#ZOS=!T-'PF76"[E*!J EAH"0[Q3@GA.J3,TNU2]K58;?"]# M>RKQTT-F?QOK65Q>^OG83ZZR+.\O+B"_.1(VE]16]-S$5M]/=X=6UW>;1GAZ M,Q-E1N\SE2]W8KOQ ,1+E]2J/SRKG>'H^YE>ALX^HA[T4,-P])7+'(!E;C6) M2I:6!,$2GSDG,:>H/34YB-H)Z^=S4_8Q]+('WGHH?MCQ/EW,YLOQ?_MUKOHC MOB? S6U;GYBW)PME0YF0YRU!4 C*B]D_"@S)$*:ON.QR%]&;I6G;-!>@#L MWH='^#HP'K(FCI6(OC4><.9R@QS>1%!5HH-L7V,K2I B]#7.IOE%JO,+C[MN'6&J1P89'AW,QVT%HTC+B1QSGLTG+@J QQ#@_GR9%UP@T$9GNA4(M.'EB1<(2_9YG(?RP1'MI$:ST:=DB'4NY%7A(,N_I_#S*1!HQ7RS H$V# R9"VZ"ZR47"+3BK6E2^!BA M#ZD4($4QI@W)IULM2+&6(8IP[KVF64;_< H%6[+4M$&@C^AZR=>^G<0Y^@7[^^K_O MI[<0?PB3\==5\& QTIGGJ*TA%'TZ(FFVQFJBJ>0<8W@U;/PS3%]E2]|RY6 M;"^\#)+M;1C?%-;1P'(F:',A^87O +&0*;%11*^_I,S5OF)T:G'1+OHU"&^5 M.YEO8|Y\>?, ^O$:/:SX.EZMWXVR:KBXDCSA0(1CNL-R;C*\)U<1%RXDV*I4> MNC&RA^(]'2&I'"%D.$]DE:2W-,%H/97" X^](F=PX"M(%<*^)4= MH7 ZGGZ%:1S#XD:+I*0V96,0A\X&MX6B3UH8DC@NZ5C7-9.D^']'T_50V_KD MS=RJ+UFSJ#6XBDKRPWV8+PB1IN44[97.C[&0<-UE7B^_[94T&\CQV*6\R7 MH]]0YIM]#@VTM?-H/74&T1NO)9%"X+FH2XFYT [^[T8S=-M*S]6R*T&E;- J(UH;VRCN1W::8"I33RM%=V/%4.KP<|>]CL*=RCBLTV6,:D(-M"ZC2,BA*?,Z*)&-S-CPK8^N_WX\4)QN*[S8RK>Q0_;G%VBVSF?%EE]L2F2G M*XA^|O9R/OL&O{UZ__;UQ(\OKGK>1:.^$%)$B7TR4 2^XL0FE"0V:)L9+2]|[M"K#+C6B]\'#.0SVN9D,)NH>PQMUS[>=9C/-+/WF-1O9/_-'_\I-+6)=*W(_3 MC"0S.*GHP='B;.'C,MNA?PXGWT?:M+U;]671*X"3BB9X3J9PG-KE$>/3)60-<5&]. ^@"DT|&!BJ(?(O:$6]+L K[X M'U"C*.W0IW6..36&6BG>=+W>+3YOE$1XEI"N2*)W#"W15)Q,T+A_)^%-T)Y# M[7?H(*.*J;BM#U^[TSEZ#3HG-+M40'=:"C2W>9G7!91J9T3@M4OH]H(9*O94 MC_L=J:4**QX5"5N9[5E7#E\7FM.[)Q=3I?SGZ-_^SR2P++3P1*@$;S?*.M4F0UC>/)NDTQ_M7D,I6Y/>-%G.-R+9R/:.[BNS1BB>E +1#K LHHE""(BI)H MFO!($TYI>_|\9]U[Y=X;G"OBG]V=16.945*&F-'MH:G*CH'>4LTAA/7"Y=/_&%<[\U%#A MN,$G]AHW.,DRL3(&/&PY#0RDP^VOK\C00^!.05GZ9:2'/B%--KG/YWX.K_RB MC)]]*'J_^NG;'Q$6"_P'FY?@[*)882.J5386#6=M\"V0S $;SADWOLREH#F% MX.A@9LWQSW!*BOBH_%;L.]+T0X$DY*G_9!+$G2UD[/)9/9'F4KY;C:\==:.M[^#FB9A/E%(=B2_]>61) JOK,'$F1X_^AH/U6F>:Q=E-[=*>@BT^$NQYZD>S9 MYE>UUF?I/R\7RW7].F41(!E\FJ3AX@"8T81[=%##E0:]5-U;ZNDPM%/0KS[9 MV-N I!=K[79V>R04CS2$0!SZG01-S'+I 27#,;H/I:>38[4OW#:$]@*4IA,; MVTI3?T+.6S^?(KKB:Z[.,S\MI_<%GN;+6?Q[AZ/5 >O]W.\,IQ7T\KD-1#]F@'K$U6K FPGCKR M[7U."UYJE#WL#ITD/N@BN&RAQ I)3R7XB3M++';>4*YUM8]5AR=YZT0#[3E M&58?VHB[? SW8W"T13'"6A2",94VD5('X"%"2ZMTYFE9RR*O>K X_5@J<248?I M/T+*/=S\Z'AFOOJY^P-6[PK7BCE/!1&I1-&,Y,12)XE&Q}:BP2I2K-VK!\?' M^8=|\V24I8=_";Z>3*6'L#V.Q?1DE*&1DG9DLH=#]T&/%M.OL)L IT M?OA6I+.Q.3*;J4:BZ9H23T1F6NZ>449H%,Y:8R")VN4:>\$,;]W5Y>U^8KR* MT'LP]%: /L&WRWD\+SGY-_C%]X4VPO5K5ZHZR,H<>\=.)NF M=6O<.V_#"NIB%!63T@&"RT81"67NAT:I:!]M8L8&GFIGQMK@>Z&JUAN%/3B M] [!^G)?H$@;H9Y=+LJG\]*6[.9WUL5";)2U%YEI32**JI3WXXO"_L6] MV$0:C5$NUJY-/![M/U2Q3WHKEM*NKQ3N0GT#]@IB2L"DTY%DZ=_:$%+C5FT3 MX2@H89P3 (U.V0?O63>"\\)4K"^B*I:Y5I+3ICHRNF2EHY(H6V[$>30[O4ME MHGS*-$+V5-8NGJ@"_(7IY>,1WD-)[*V:K3?C[^,$TW2-\ W$"? XGC="_SDSY MTA1'@Z(+:QA_=N93VN(>H541[:/%UM76!<*-C2D2P/AMB95$! M@_ZDRT$0+IT7R=FL4^U1AVTQ=C;GF]VW:89MLP-? O&JN4!Y4190.],CO&B8M M"L3ZZNFD%O@&*VCM4X^V3*^^"'HR9:E7/6_>_M3E>/GS>HK].KOF6?RYT 2 MEYE(;04^#.=$1F$X9T'Y4#\]=P#08Y5PI* <&6U&.6G3TD8^\BVF3;&L"JJ>Z MBIV 'JG\M!YQ]Q.2U:0^F$HD%Y+3+A(>,_H$24;BC,8=-X;,O!24T=KQA0%5 MX:'"TX$UH8VP^ZB">7AKW.3/=: R@*#$.XZ/#EJ1D#C^X:0&J0VZC;4ONS8& M-[PK5H',]K;*$4ST4;)Z W3'@.6;&[D;M%QE@(0'I"_MOQ"M(?@.)5*R3=QQ MPQGT:/[F\S^^)^0OL)'/[^! MFW)*QNA,K(@>SW% ^YYG17*R*E%E6+0]!B>:0'P!^E2=J1X;*9U]>/W^;+D> M7UG3=;/Z'GZ<1[I.<&N.+1!C^$2@)V0-Q(-&A=%GQ M^@7#S>$]286J&.KIB;B^2D'9QA\M,7:CAP)8#XJ[XF(J;I!GQRT$ @)B%Y MYMDT*R!H6\)R!4C:&A?I.VJ<5Y:Z6)X16;.!4Z&5Y/ZD7RS&>1S7QVU8 M+.<'+D>)9B$'VFUG&+J.#$4,D0GHC&=42S|P'\A7=$)R>C@S(2 ^&SX2ZMKM\ Z#NG+T+W^21QT MX[LZ&';^,)'%]N]3R1;\<8;%T'> 4G6>;+!&&&NZD=$+6+EGOCOKT M;+]'8O2Q=+)LV]HG%4*9=)I=)-+F1)PLEXQL!&XCC5K5-OR:8GOA^M66G1[J MTQOA/+@U!V$4!%E:GM,R7RV@06I%(LP!$EJ:YH?;M9J=0;]PO:O&9P]EYX?L MDBO<'V?S%5L[+07%0X[>$_"FP(^FC/OC.*$X"S:R'%SMN%I'R*>KC$-RV4.I M^HX88A+1N$0CH8ROXM5EKA!$DK++.B0&]:VX?5';BK72N&G ^'L1?8>JZ!T? MTKG^^2%@'2N=BQ]TT^SIW7CJIW'L)[=6O)V" #<5R8 MR)AF-MV?OK?U_M=5]&BRZY*MBI-WH7GD=J\#<;JMN!0AY*AU$5%W+@S[N(Y<_2=I0!\;4J7 M)T:#%|%Q;WIP/0=2DX=ZM#TI+6G#1.7<^JT=]>-5'XFO4O/2-0IL/=.'87OF4K(D*LJV8 M[2MH2F? #_D.IJO3J &H-@;" \3O!3*L95"#H5E? XJVXG1\&YX&*R$OEJ0R2 MR. L.FY6$P4Z!>= ,MTH]O*T.-]SS]&>1NI5CZY7\-\B1"NGW!SQ)C,K9'9 MX^FE NYA.1!/*2,Q9RNBH#F$^PG[7:?U[D\?[H2N*/9959E5/)8+HBM#],8L M*CF']V85_[W.0OBXZ6ISEIS^-I3LB_#:.^&"]'VAON+7>E M?P3'/Q(GP:.H3-

*(9SS61,VT29*L(;=BBC+X#68_%U:.]W"B9+#Q%\7C/2EI+_M2Q)TR$1ECDY0D#3S)G-AVZWZDA6GE<0K'RI-D*Y1OIG[/Z:C6#9BE14Z-*R<*

*MJ"43SU(B'+V9]*1*-"^UI][FV]7B>Y&SB6PF"3F%YZ*]_A^7QJ1-UUNU< M42H;@$ZUG[XIMJ%ZS576D?UC_MD2M2\52J0?8^TJN?*

UXE#$2*Z]901/*ASZ8$DB?!$\V]<4QHH*IV_5L#6(_M*+"F.LSZI:6'Y/S^I[_)23:!V%-I1P-XCU/I49W:IJK3D9=*4B'NJ)>E_I=& MSHAD&HBC(1&AE$*$S*

9V/X[W;%7G@>]/IZ Y;>BH'.3;"V_=&1O=BM>SZ0(/MS5B8>#]=38>_Q56VA%,5! -#DBLWMVR2Q#-T1).BW 8'D.1#UGI%,/7BE0G M=?

8HC/30G^4W=&.NA@9"=DQ+0S25B"0P0[R3G<"W2Z-+R8"N:?7_D9O5A(P!# M#IY7E^-)>=0-FF@$>(&J;X0IF8N2PX@6'\HR;F0$(7WM3JAW$;P8*

M%>@@^!Z:"_S-QW-T$>\<_;POA2D.5I"QB($EH46;2EM:0GI)DO.%1L!AY[>85 M!^"\& 6I14D/.82#SPS&9>8)!:RP0V-:N(<,$)1PW49ZN/5_:!QJ^$E+\':*

*MJ"][(?V8O\YGB\5(>0]:X]XFF*1$FB!("#02$,PC\N!1JEVQ?AC1$]*,.B&Z MB@3TW4GYVQSB>)4=8*

*M!9_1UW35HC6424VY$+4'46VC>*R\8&=>#^I):_GV8"K< M152N.6S\NB;X>DKS[O:TW$A42:!-ZP11-MUG@F'+/"UHZ&#*L(#V3JAM*#-G*NG(UI-*

_X.'VRR5(M]^0-__O/=[^":=A8;Y4Q/!*>8AG0C@:NU982)KP,7 >K-MX'[5TNYBZPX@AOPP2*E_F^3S^L<+]=OSU?/D9OL.T$7;\G0UVH21/*

MS)9+SHJ7#F509I,8$CV5$FAR8JL+Q,Y>1AUQG(.#4I%Y4WHWSZ_*:Y>Z83Q MSL?Q9+S\B6"19;W!IJ253F=-O&7H0QOTT'U)-8DDI'2,RZ";J,E#ZYR

&E05 M9>7[,__WQ_I[&)O1BF;3'6&T7#U3E!-G V#0!.EH(6IGZS;1?-#ZYP S55% M63')=NY.KCNGUFO9M.T" ,J@-O)DYOIW(DP90&ISD&$@)31#"T*

M>3C:0U(UL3\[0#@!I1F@(H-APOL+TCH@SI>WH,KJ%DK294E*GM>6KXG8G-R MQ GIT'&S3M(FNM)RV1/0CSX%7;'S[VK_0Z_HQ@I^P*

^\^7/S]A&UCT+%)L9'!P@GH"M#$;"M-Z::R=($]>VSDW,H%QW+ M:!U?[D2'TA@ENG &N%Q-S2YV8WSXS&<@N8,1<&VZM@J6\[]X_/][^_OIT+*

M9Y?+\]D<;?1BK]]]EGM6K683;+WE]/;C>JR\ M7BT6]ZI')0IZR?(=P!B%,[AM<4(#X+L1#9Z=7'$2+ T,;,Z&U;Y^/KQZ/)CM

M>PSM:"/Y'K1B/5LH_OS\A_]V?;SAK^55+$@:]-^\+I5P0'B9W^(<-7:K@U+G M&O@M%(]A=-1BZ7[)>S<1]U#)?/=T?

*#]=PAP6RT]^"9^7!1)V8QSYKS"*U$0K MO$*]]!0D%TL'&24(4S12'T06N7:M1H%5M.,H]> C@69+\%DW?QG*)N=)!XY8SM:CK8[1+= M]]/-*

E;)_F_IUO7PIJ_+-^/%NI74V32]7RPNBZ?U>K98KL3BJ%,: FX!V8' MQ)79V-E+P;A)*++():B[7-WN2)ZWICP"&SWX,+?!CTQ@#@]51A0>C^CE!TJ*

*MR)8(8-GZI*C1M>M/;Z__O/6ALT1[N']Y&\MFF.5(6JD=1$TH3<4;#^B-ER9R M46;#I8TLTMJ!BATP3H_K8^1,,..["]+OLVGU&]C'TIQRA@6(Q'+/%KTF41*

*/TK2TC*4 MO%V*X!>0TF.\NXXJIUVU0[\8_(-UV94:&)ZFHP THEQ2- MCG@$.5-N_4?N@S4*4NV1@P?@G)H2=)/WWFQJY6N"R_#9!R[7SK<_IPJ5PX?*

*M@-?SA4/!(CC!@0 K!S8%?'=C%&6*MP[)DQY_1=DN N'SJA.62!9J40DLT"\ MAD0H^JHA.YE3]>'+3_#"81N.&UTX;"'5)WSAD.'^)Z3/)#M1[LY+1:R",IA.*

MB'+QRVD>^0]\N:X'JI%PY;<=:;THMDQ A]2(72B.5IK M2!1ELE:,DOC (J$R4F(C MI9QZ"J";3

4YH0N'Q^K0H%34WH0ZE"D[D]%.%XQP-.6)=$*5&^"!2%#<:2^" M;79+Z23JQ(_>@-8BH-=RNQUE0H%J"R!0DQ5#P]W[1&P"3K*D.D5ALC$OMORR

MDT]32>9#EU\VP?;A\LO6++8IL#N&@[']++SF;4]'AN'^%BVEYU1^V9MVM)'\,,.67C(+0-&4B4[E=0$4@EAE%!$<12&Z8%[5+<9]

*M^64KEAXNOVPCXA[*Z-[^6(ZG7R_'B_.BXQ]R.2TW)5W:\$E$, Y2I Q,[7++_6@>V\ZL$S>O).W'+<.EBN4852#!&K2SM8LD2 U$&84^ M>*

*(XA0>T)!\^Q#+=>?J4:&WWT^O4_"\3%6I?OZO>ZFH]K'L-D'L_'(@>N2GTY MS43[O(SBMM%.GGAK\@3H-+:DK^QI4Q>*WV6(!BP_378;-2$.R^*R4*

M).E\PWF2 92%(QNV+8\EC[%L:#H$Y#'>K*OG(SG+L/_ D27'Q;SRL8Q\W< M[A&//G-O+'K.Y>*B2 K=J9P(=PZLXR 4- E<-UC]>1/>A5Q[*+:\VI[0(BGQ*

MU4W=]]DTW2H$CN4^81">*(8^KBP^KBO>;FGU:%W63*;:[F0#6,],/?J2?\66 M-KL?&^V7RWD\]PM([_RU%DLT5=!<$41PZLMXXXA&#'

2$^6:6H]'7+^%>3MA MG8;*U)9_Q=8UNR'>PH5^2]!,,@*<4GSNB&Z,#X8D82EXX-KR?DMQ3EL9CI1T MK^UD;M\D8#$8/,<<2;FH96":V$

*%HS_O"KW-QK"[?D>1]89HD4_P,3 2X-M1;PT#MV"X)*EB5'=KT'U M6Y_W.% 1M3+)ZJQ/["=[C;_QDWL<;,3ZV/B40; M@H?*

*@@$A7ACL(6H98EI^N@G(:HY0V-+U(=@$]BD5JLI?&X%5YMZU0_L?XXO)B M T1S:RR>)@0TSZ7!E"66E?G7,N1,FK=70*1V0E^?92ZKNG#+X)KI=Z*

MD;$59TTOL!TC\$$G)S#'H*AY4X4GDU" >H]4T0[A1Z]MCSD?D>H/KV+C+WH M01LY]S>T[,H8I#9&:U09K65**P]\PN0\X=F4UHR"(:8&"=:M#W]LZ-*

>Q\MX] MENP(856^1'AK>-;54#3/M36ECL/@626I=L1290BEW-L4-#KU36X%;GWP"3#7 M35B5W]E[[3!GWV']RW\OODW&I9?A)X_2_9!?

SZ;+V62<2MGF[[!]7N/: MSNX34D/,@$E9%(+1,)D0&A*0BI>-31O<@69]UTH8Z\]WJ#E5-FK^>0QLOK MF9R=TF6[/ZM*JJP!S)[39))%3TW()'.&*

[!'.A@1N(X'2:;CD58.J?45AP#29 MY%:#5H%X+A21T>%7#I4?_U]ZE2A7YOXPN1-,D[7AN$F:K(U4'SM-=GW]\,Z; MMO*$/1,>!,,.,/"$8M&,^."!)>2

*3Z,V9$\V2F&YQ:*IQ0E:,7K_>N=W>3; MQYW>NWOKVOU]@JFG",$N/(\3'>S*U4'],PAZ*'6006LJ62+@2QOVS&P9(/$ M@HM2!,[C5ICA^9#_0$1P",[;R+*

*<'SC_!]]GD.[HJ=\%=9:MDCLHD6@8DHQM+ M.4-PI2NOUZ"H3,Z)VI4S!P$-[Q]TVVSK1EXM@?<0-RB]V9>;WNREE<%*Y1,(MJJQUA-*

*H,Q2*BQ#))\>*Z8T)YQKU5M)=B%XU0,_\XR[FF4R6U,&SUO@JHG V W MHL"\\8K>W\#JD$ M#Y@"0^F &RGWP3WZP1_R^FBZ.I)B<)IZC1XP#02W-T%*

*<9)X(JEF*5G-%:X>+ MMU$,?_#7X.<^Y=V$6_&\OUN45F;K,,HC44[RTA- D%!.,V\BVAL4 ,V:4ZV'*

*M/>8DUYZ%3LJW"]/:P+C],IA6PE_3SWE,9+KL1Z6VD!CMI:X,NU:*IZ)]2&@ M1Y M"UH&VVRL\6,3V*@>M@9_;036:SULLMH(S?%8$(/$T0N?*

*ELFTBCF;#8R M-[M^^CSJ85N)?6\];!N9]9XH+T4C(P?!,*40D?&[J#*$+Q#%C")7:6=#9Z=3O M3-B"XNDD0BOF0]I*MX\ QRT3[#KTLE;(5[/Y?/9'"P:X/O-*

'2D-T:>=AE7PI> 1\G0T+0ET(=^A#40 M2<@Q96FD0^?Q!9=Q';-1C\Q2'V&Y6^_&2"=9(0,1&EO$$OFB$598@&,EPR\ MC]7C+[?6?]ZZT5FB/?3"^SB?*

*18"T>(=/7G MKH%YK5*0_W][5];;R)&DW_=7 M+/8]UWD?P&*![G9WKX&VU6CUS&"?B#PE[E LH8]TW?/K-Y*'#K(H%55918DS M?K I2F9]&?*

$Q,R(R#B*1X#E;53,+5K$']Y@SEQ(+E,;225D'P9R'WLO(^F!W MO-()6=7-3:S]U,Z^VMM8]\S(:O^P,BE0'8 6RLFZO[JQ79N\#TIO*>!N, 0*

M97$S,AJ,@80D3XQ95J5I:\]f4CZ[@:7_CJ&XQQVIT>?OXY2*1R$ @,'L>\@ MH](T(,I0,2"\6P,%2J_5X&=N;"26PD2)Q M1)AVB/N86[@CH1R-"5L.?*

>E79=6(<*]993\RY_>HM[@%N;/5";RXHNL :Z MOST Z307N 64]AP->DA\1$(0(HACAJ 4<_M/G<'S$0$\&Y4+V",E')=NM3PJ M$9ZYQ!V/!*

*<(>HA,OL=VV2;6FH+$-"B#!#%IW0U:;_B74(+JO-!(2EL1K4#& M=RF*J&DWFZ^WC >/9S]HV&@MS0U& BR-@LTD=:YGX191Z;SP)L7HARWN/F5K*

MS_'LR"'"N="0WJ%HY41..:!$"L"85TAX)PWQ<*3M]4LOO.6?A:+[B'6,JKU/=EK_UXR7Y6@)#=U^Q]S]^C;99UJN/?V^;;;/N;4.$,6#GHD!8*

MS"V\#7)>$L025T%$XW3QBKYG()TN+[""MJOAI#Z O? 5CLHLT<4=SKL7/T^; M3$] O&UXUP'J0-&C(V">)}D45,V[=U4#ZV@ 6K4 S)OPVB5J-

LZV24E0)00 M/]=.$[']D7&Z R0.QQ*@(^W+IXZ@+KI-$HH;D3W%EG'@?DL1+$<0.,&.>\@., MTM3#D:Y4L#$Z77IJ1XGVG^Z^3OE]=MC SI&.0.$,[:-*

=K[%6P =PUH(A^$J M9JQEWH)1F!-Z%%'(ZF10D@J.^)!<+-[[Z$B(X_I,'7O.M4#ZFJ +>ICLYC> MV$6\2%W.86V-

*%XKDK3IW!I0>&2HMDLE[!A(++A6?@7T$OO.EU6!:&JC*=ANG MN@,YX$TITH1:%(FQACD<=/'I%*U 3I'H5=9KIR_? 4ZH;[%9 MU%,/^]T'VUQO)NY-*

M+,L>YFY SC+E<(D'#$,*S0A& (*S_@N 7(VU=Z?_D> M/#M*9O7!>F&G6L!>U",;;_]# ^F?Q/0.L4-#UESD\<3V4?NWHS'(V]N5UC'GZ*

MY+L05L#M[']++;M[_@!]N]\../M?5\K:!CY@M]@/^6^J^6(Z7\9P<1OKG-(] M;^[9%&2(A&&+<)YYQ063R$:.D8]&:BY 3MW&NQSQW1IQ>?U'L X-

=1U$.])Y M(A-'E!+8=]?PR!&)$?7$'\N(2_[M:6'4H/9K_<[L#Y5]?8QZ+4'X>ZDLFYQV MWERN/W<=Y6$A"2X9G'MYP"Z7UFN MO1($&6,EXA2<'A-Q1-

9R[PW'VI$NWL]]7:V(BJWF'N:3R($<'&>@RH@NE4YO&Z5/]$0Z$Q-7^,< MJW.?+LOK'Y//["3?6.<,U M("Y$%II9)C%*+) E6%P?HFGU-*

*M$_YJ7U>_;3YQK>'-#_<*OG_>N"V&"@F^ MZB6U >X!/L,2OE1-ROQKH*:/,BS@E,%#>E]=!%U8H:N-3(5'4.Y9%H7B@?N B.>YV14Q2-LH M44IP]*

*B*8]2E6XD=1M/_]GKGD[=6M>[WJO'2YNWU. 6A1" I3]24N7Q* M&(QL8!11&6!/9DQ:6;RY<&=TIW*(2U#A.7:54?G"C':*%PX/Q;],NZSCTDJV;17*1?*

[=Q>P8__8]AZU MF\NE:Q;0T6C MR?@X_WU:5_-\"-K9USJ]H#?;F'%R7N#$..RW@B%N=$)&P"OKO.)."P%N98S% IVB)7TC%U:GU4]"_SXM8>Z[?[9

<3OMVL1S M8VH7<>Y+#D"Q%LA19C 3L)7LA>+:E-OA4>>AY](R!+A]=05OYBO[H:IOJW44 M\&]5_?=8YX#1+5A0J[<^S.ST[AR)<'2(&

42VN3484F1#B 5&X56&/[Q>K=+ M4JOZCWOLF5!A0%D?;+[Z0EK4OII/_0.PCXR+"S>;7]VCQMMRI&@PR?,."$VY M6S"GR!#-<\Y $,I:B=UNO7PK+XY

[ID08TA[IS-#E,F2SO;((-!W$9X)WT]](/ 54G%F)M)$6.0D.:8@]Q>(S\L8E MPS,QIC&Y<(RLAVAU4=5Q>C7_L$XLV!;6J]2"3P;LF "K]3X@@T5 VG))?/3!

MJM(M"MIPG.K.O]^6=AM8]!7Q .D;^PO]S=ZL^\>2X)R$92%%1+[PIPQI#TNE M.B6J+?BS>X9A^2__%LU9&P8O$OD DSO:D6U[RG; -IJ!<(_KM1@)++]-

A)VKT M4, HQL(#C,)RR@W-H6/CMD>-HHV%X,APC]P$X M\2OC08$[2)OXX?P26N;GZL^U_&5> [+/-O/]7YC:T2C\1DG.40EHUIA:

MG<(KBCW6/$9C2M#@'H_R-1@>+]5R-.J!C!-5A'V>Ef%M Q142L(& G M28VT'P2)H!/#FH@H2S=Y:P3@C R0EPNV8*QR#\S6)>X 9R S8P?*:2R+'LHY*

*MI.8>DAW@K-B%);D@0:S]WC PF>?0*P64E HMM4M.D](QAE$4_8R5,)R>CQ%H MX8ME@/*_T=8-Q01_OZZKY=4UO*2;\X0(!=8.%4@I&N*

*4"1I9AV4N7#&$R&BB MV-5TVTW#DP\9_\3N)?YJ"-D5KNS\ @)<7V)\L,W:CG61*J>818G@?-.=6QSQ*

*MD">-4.FHDIB(3M/IGBG$VG_R&9S"!41:\&)H'\V#,3)=,.!4LN3R$8_R*R[[Z M.:CJGL(M7&EY$)LR045/)6+'*P'%$N44N;SDF&A:MY,3:3FT?7Y7"GZBS'$/?*

MQ\BT\+'\)5[?V/G[NLKE0\]TJFV5NUZDM'Y=U=1N_O/_EXZ,$!AV.P5A;Q/+1 M,YR46'2& G#8.F>V*2Z'-5'/WC0DRJG3$>0@+ <)>MU=*

*('9R$L'\@YA.8,SOZBX]VD@AZ#!UISM@&P@?_PP MJM.XYF6TUX$2/40_@,/^!$)M"5$D*D1TO@C/X'* &TDOE'2):%K<=O^;%, ^X M\6-SXAB)%*

*[8B5L7'OU5SO^Y%^Z , ^=T_!Q3A+?#>OK\]G2C %5+&Q$.'$RG MG"CKH@R(,.H)CRKQ/3NRS8PX_LGCAP%*Z:P;3>!#A.SA[R[2N[]V<&;F%,C5*

*M5\$H' QG+I+N.M76?HO[N]XPK@]LP4 M*L()')'$(2%N$L[9?![\<*R8IU1%_%R;F"L(_BC"R0GB+>5[HNJ_2- M[=T%TT V1AN>TQ@2?77UI.I["'H*

4Z$56S(\L#R]/' GX8A3 ,L;B;3WP2FO M!&/%IZ.-IOQG#OTQ='^,?(=HE!(7BUA?I#6VK>E/*-&8\0,=H@[PY%14B#& MM.*6JF!8Z>SU-ASC'_[]-;3; .6O>*

MWI?AME1$ GEFT\^7M-MC23 3W0&@9 MD9)R=9="D0.,R&OK@L B.=6E)\6AS$]UQ6KOEFS%A#> Q?;.^WII9Y^]^E$!

M[9X$)H8*RSEL7MYJ6#A++!#DE@,Z*ZVE"Z;.%HD.=%I<'44[@?RU=P MQS.\JU4#NF9QD3Y756@NJUF86*V]XRJ@*//L1@E$F7'AM/ M/.+-Z[RD" Z=?'?

IHMK^!]!=-'2E8!.N%(4]SB+# B-PD(< S^>)>PJ7KZ"LZ;@2(H=(?L;C7?HJ_F.7JP6A"\\=CF%T$R[ZE!!G/X-CGJP%%, M,0.6-F*=-'!VL)\C3T,Z/6 554?"^?*

*Y7INM-,:Q-6^ COY 252;31:6T)DER; M3=HG%//.8-Z_QTJ(L>*WR!+1M/\1O<-9>_F%O'UXI3B)G M,K+<#=-'2W!*

*(Q8##!,7AX3%LA!"?,=.DG_()'GS,;BHE\GR&F=_S]+HW^_H![M=Y.]W+S[P\(SPO=JE+2VAO-X!X*T/#\[^EWAE9_>8FPDS7B@J&9+;J=Q^('OUVB-&C(A.*

*M",5%Z2%23\ Y&X*4$GD+'7J'=C\O+>OPBQ@?M-#.X=T.;3G=8K M3/=3U2;&X6@\T8C)/#&9V82TRP,AC%2&.DE(*GT#!"2@\^-';[&WD*)W5[.V*

*M]OX*OO?-\N;CG[=KC%HP'%B08%2+E8UMP,:\,K0H(43++'2094.L,Z/((54 MT$*37DVS?*

*YD#A'4KI/G2SCY4O\?:7L4OTYOI8J{T'S?;WC;%99L;LV'@^ZJNJS_RJ!9[^[\/ M6U@'XY4"XS?(2'/C*X<,52X/U=0)2QU$\2YVQ^![\VP97"DM#.H='UVG035;*

MO!?+19[?DX>RKIVJB?.!VCQERAL&VQ86#.D %C33'!RKQ'6DI>]]GL-T/DPI M?*

*P6=O2*A;XAK">U+F+XRQP^]"'2SC=%C_>5_/03$(PD1FC$391@PRB!5O(MY;QX+3#G(IK0I;]"]R>^>08,*_6'O2*ECXHAYB'GW.WQ;E;/JJ.>(!TO;8'*

MJY@PYY+,%9MP&@8P@+S.9H"21Z%L Q.4-&E6+8?BK@RXB*:_'0B^.I*^C+ MV]O9--.;UIR;67!WN+_'>GO3^%NUF,(?*

*K%J/33AEPF?/RED"D*7TZ^U/N\VAD M\I[N9T6V=S"]YU<;I!A.1W'"M'"#9\3P: MWB*_T4L 40JC'2R=$)\9W!OGD'#JJ.%.+T#K.U([_WS37SO]HVIM] M.!*

(I_]DX=I0J6BBS"0?_UT\!\H)%_'WUB]7[61[?8OKW_-^_?/OE3G9[BEP) M+L9P\U,KP;^\=@\1M.,;VYG+]_!\@.,>[;D1V]6U+@S4,>]_ $F+^NQ## M?_2-*

*J=TUI+GO4O/.@;EM??$Y]4\^J^O^\#V-1<_=!_:Y&/ZLFU M[,KFL" 5)=_]1[G X M_/'/__/'PQ)\4U5=E*M_^4/\Q^@/0*U$*8O5_;_\X:]WOT#RA__YK__MQ_WS*

*M_P7A?I$^__&\;+7F0:W6X$VEV%D)\+U8?P7KKPK\K:S^7GQCX_2K7594/4*X MK\UM:\K'IZ]X_[H&292@[67;OU M;KC%Y0%1{0P1(@ES%&:{4VR'*

J6(AX3P5F& M;N[_%!.499HIR#,A(2)<0DXIA1JE.A9IFF0$-0]=%JN__\G^PUFM@!%O53>_ M_LL?OJ[7CW_Z^>?OW[__\0>OEG\LJ_N?DRA?]Y>_8?*

N\A]'UW]/FZMC0_'G MY]^[2^OBU(7FL?'/__&7#U_$5_7 8+&JUVPE+(&Z^%/=?/BA%&S=H'Z1+W#V M"OL;W%X&[4+ ^&HK'(4Q_#

<;NG;$0:GJ&>V2N9KG] M0KU;R;F^NSM25[, ^/<>AOA;EFBUG^%KLR?187MH//IB?.C+V00/&M'3F>X> MJ^K'6]VD:JWEP:_!(?_E#^:GQ=?*

O#XLOZVHCUIM?7FJU^JA_HMZX*I:)$AF M29H1* 1%9O%B$>0)B6&&L%F7TDC(/%FL=[_JA5K!OW[9,M!0N43B#Q[2K<]H*

M:.7LFYHP,/2YNY?]NZK5]C?5=^5E9AHNE,HOU>^-Y/Z@/ M96T^?\/JKY^]\EMA;-/KI[_62KY??

*7Q4E7GSJ_M;L2Z^%>M"U;>\7E=,K\R@BFB*80<:$AI5) KA)$5"XHP=+%$DW)Y,2VK,@VC(-C-L&BH9M M^[DP3(/'CFM@OQF@;'DNC4/O9@XF?*

97#UO/W\H+\[.^S=[/C%QB&0&5Y M_LG^V;(-MGP#_@<1>6=:-._P)!+@'>_.!;UL!SEMS9\LV![Y[CZ@V #?@:E;S

*M!N&._L_6:OZLENMZ^TEC1QL;.BF+LUCA.4#>VO%9:/FM;'6U7GPVZJ$Z%P)E M.%6*1##"QH,TQIL9NYTAJ#3/TR0F.DU3%^/]*

[+D3V]LOU@VIUX5@2_ 7Q6JS M3#:AH=_>E@^L6#E2L5L^Q&+9^5TCHZS",%,[9T]P19<@VF%MZ=L\]MK<)SY\V MBQJ?$6&K>>?

*^/,YM^JP>V5.COA_UAW)U?>JA[>*KQ>)$C*E*84DSP5$.=&0 M9"J'4LL\SWF21B1=]#>^%]?6/7K3WX>REG4W+R,JY 8I7A[B]#4P-*$EBBP5,.M[I?*

D"K1"GR4SZR[[M2=CG^7%Z\E8G7U!T+@.UX,#N9+1. M-5SXF8 K<'L">F[$ 3QQIZ-2]M9[O?CRJE2QL^.A6FO\6Y>JNM/;T0_%-R=NZ5NMZ*

M(0@5@K 81AS'$)$TAB1-,:0$)2E')&$H\])L[K0G-F5OV&.Q-MZSVK/B&%D> M@R/+M6))HB%GQO5# C%(99[!-:I3'/)\CQ:?%,5+U\8R3X/OU,L':W^-/AX*

*MFOF6B1O08\,8\XX1&TM{/,B&%] R$}#&^R,0RJA{4)[7BOM#]LN6D^N5TNR^\VD^.7 MLE+% ,H!NN4*K-D/(%[^;KR\V@E?*

*WN5CRY=_)7[F<3:EI\+00#YPJ3T1XME/I:8'KGVI/3&GSI8W3;\RW\>E ED6D14*37$"6Y&8[D!"SHZ*YA!D73*+4<; /T>^9N $=&P&C-GYRAXK8.%*=-*

UKC!\51I,;S M=C]C(E6Q>%-^4]4N,8X()0F-,_1!?;)4;M=C<;%A6=>]KUT^TP]RX ^V/S5EJ19[IO6Y2>;J=1,W?_5;^F=^XFP/Q^WV/GB:M>6E-

*SG&/01M*V[VQ]A+[&]I]>'A' M*Q382@5>;>7ZZ0:L1 -;V=J-7RM=./?F9=V*("]I9N9G=;9>YL4\]]E>B(O1 M,<%GE#Z9/:SQ+/#\9!=[IF?*

*5"1UDD14*A5@F&*,,4DDAQJ)(XB5*)(AFSQ5&1 MJ4M4R8G^B+S0#NFQY0GP=FOO'ZUSP]@Y$!<.LE'F_(3U MM8CU]Y0=2^#U)<3&1-"\Q\7'',C.W?J?*

KM1=[_+NZ_EIC;+_=UW_G3K\5J6YV_J>_8IVC8VU01FCD"G&(,;" MN,A1EDONE(@Z@O;$F]3TCU$4_0_0,'(#Y&;9?AW4_6S7%\G+A^T3XN-G41I&

M0,=)BQ PO ###-AR UIV@.5G1&VQ+WKN1]X3HCCN+/L0S=?E2EZ+IM?Y]$@\ M!@Z>?9\XVXGR2%'[1\5C'S'.W_NX_JJJ#P7CQ;(IL]L&M"-,%2?

*&J8NTUA!I MH2%!#$,>15G&<)Z*/N<$YRA.[&%;.@"T=("RSU\.HO/]WZWYZ%/>>P'J7UUE"VT_\)S,RZ0"G!'VI*G^N>O]S]3N*E;#-.5^>*

*M'GBY7$2:QI0P ;-(8HBXE)#'FD!)DBQB@J1F5^!ZIG;PY(EULZ,%6F+NQVJ'-MTE\^5ALMD^<6PTT@?JIV^X*JBK<_JL:QLLX?W M*]O%LMG:?##^[7N;!*

[= /.8HD1JR7 N(4J,R3"4<:D&IRM,L9UJ-J 8:)#IU MMDK+ MCQ 'I,@-\L&Z#APW/%<\+3;?4+C9?:@8 :&QED9/$84N*ADF^1"V1*

M$PAGBHC<[AUI,,17)3=+]5& 8Y4M*+7'(TW@%6M6%^)V)=\6RXT-]3.^5'?J MQ JUD>]OBPQ0F]=FQ>6);?:B"8$T-

7M;FJ$49R+.4^[4,_!/J8V*QU7MA#H M66ZK^:2O04UK)]OTJ7QX-&R"ANOFK+7C&[S[],73]HQ\-8[F:'K /2U4#^LM M2S;*

!AJF:DX@^EO#&K"\@8:YD+;K.GA"F;.17,QKX:Z#ZLCH7?FXD>T.A5!+ MVR%+R896KX?-7K/R3 DM<@2E%C%$B&>0Q9I"I76L&4I9RIVV&3Y$9[1P/7;

M\\X3GN>Q3G"Z&:K0(/E9I4%,)K5 /G:L7G0G+>UGH>(!RURO.Y=V0.8_GP M4*Z:%AUO"]MN;R5WUNJM$DOS'[E@<8P2S6U< C.*

(2!1#FDL%\UAQI$B&5$I\ MK(8+T8FM1LL">%LP:6X-<K4E[QG]=X(OH41+A7.HXU1#E&0II"1"4.\<9W+>J*KXQ6WNX#[_@-(MCJ@04F'/CE1F'*

MC+!,0"4QS&2&I?)]U5^=H#&Q.=U3O")4=0H:-V6_4F_W?:5U5N-!Z0)1+6G M,RJI*

*,B/M?)H4O[$\W^]E6IY>'(@@)@F7,K$N#/F7WM**B&+TA1*DIF%&TNB M$R?OYO3C)U:\7\P3S,+;T/48&'$"AF%-NUXX/R5K:%TQ).*$@.ZY6M<).BX=*

MZT#@,"E6Y\48R(Z<=-LB5+G&>[G0@U<-3)RTNNH\;;<\+7>+,W6RI;TUY^5 M4,.\F#WR-K%':8PDR37,(QE#%-*

*D<=TPTE"F.-8DSD7*OLRL849D*, ^_02D,2[&G>[)O\V!Y;76\?8+O:3Y!I M-0J'4*$6+]KSQES&P'(4?!GU$'^/Y/U*;FR=#UO>KF23(-:M5TH1'"N1PSRF*

M&B(9$4A%;?B2TG6<8\4)=&'YK M_R**=<;=QQNX!G,<-F M;P!3%$F(4!S;Y!("N<[S$EEQG.O67#')*8^).D(DO1,Y)_#(=CW/XJ(3VC M]'WY*

BY4EV4)%7T_)C!OK/VL@$>1]?-77EGT*94YK<>=ZE_O) M/[[NX9QHH0L?CNB\3.7#.7'/ECZ<*YQE"D'.L MC!K;IH1)GD$BA-(L%N:/7H=B%^A-

*K,S'^8!^"GP)+3N(=5]4 M8I;R05*DI2D7$(L90Y1GFI(M%90J43RB"N62>;C]A; M@?VC)]9U2Z@)="'^;3H/%_5??+E]%-P4=YQL?*

AK:B!5^=WS,>B"5ZSUX5MTZ M%NBY$IVX8NP0WGI=;<1Z4]D))>K95W-)F"9^88I_K--4Q$3#5ME0RX1A2F<60 M:J)8E!..L5($;^>L@>;

M^>M=^8AP)YP'$\)%]GW 2%?=5FR6]UO+ZRH[/09M?OA:5&+96EGL6\/)XUG M0"2C,$IR>U1->&1*Q3!#/"(%(Y%B7K64'K2G=MJ;3II!*

*((:%9IB3ZD^B]_37 M/4!U]-RG@[]{3ER\T<\XNK*HR:04'_C&./FQK;E(-U6& M?T^X*9AI"F7]94RQ^@YGK0%0L3SS.V@,J8E? -ZI",S3?1Q4K)KL.O;1AK')4-*

*LWDM?V;%RN9%OG]X4++H)M_=KYH1 ML[>U;4-0KLS2\7[UJUJW':\+T3WG35FOV\S*A=!)+C.,H;#C7HVE2"&SGDBJ M>,YYFL91LFLY{68IIF;92;*

<,NU3[;HT:IOYA?/N56@.VY1Z\NC?_P2,$?<, M2TS^%MTLUN_BS8S,Y&DX!QU)8'F_ 3ON@64?O+("V!$%6QE 3PC -K 3PS;2 MMA,OMI+LGOO"O-*

3EW4<,EEH'N"#91]-S.[,Z4SS@'^<'S43W9$!8U772GU\ MM/7Q9IWZH)YUNLA);MM?PCBF%";2D@D-8L#(BA.#B:U9\BYH6O\PBUET)*

*(&OTUR3.PF9]CP]#"Q>4/63H(?A;'=[AI3 M" %]TD#CCW+SH[161:WJ-O^=,*U2%2\7[4;Q@ZE-],BY%-Q$1ZM*

*ML14885#SK,GP$W^P1L/Q43/6;/@)=UC#X7GO%>WZ>Z6;QNG:EE,BG<8D3>TI M.E+&"Q(:LDBF4&(E,;*Y5L)K_OIY4A-;Q[:6J-*

I3'M&E_S1$;HY0&,']3& K M0^\J.UL@*=?C2#M\^UD M\.8,Y:-N!_R;_=>GLF[V6N]^K.TD)L/0AZ)>+TBBL$Z1ALIL=2!"E$.%"]%'Y M5$91DI&(\]A+V\/Q-

K5Y.-PGW.PF7#P9G=FQ>P-V#-L$O!W+8,LS^&W/-;!L M>^8-A'R9CG;I95Z1IR&;X.V\6QGWJ&J6SX ;P0G@#&4Z W(VKZT-#^F1<9Z MQ$36?)%1P51"-

"0L,C:.1;'QRW$..65YFN"$]MBKE^)%BE.'ILK5/33W/8#' M+@G Z.ZRV8/T1RN));OK0A=F V'0#:>S6K'X\&E-C=)]TJVU%0-*%"7V_O MXEL(9%Q?*

*VF3.,/CF-F>_,R,UVO1,D^AIH^B ;FP6QD>]-63UNV7Q8*S;VK8< MQ4@)CA$4L9;&RN088W? MB_57L&1/I=9 &$8[CJXF3Q9QdZ7- MS-*

*%+3/P>TD@=@7+,*75]VCC39K?0K/[ZJ2IMIU7Y^LE.H'B_ZAPTP\43N*4C=Q+FGVNPF':28QCQC2//,J]P[#UL2F;\=--M+WO;S[P%0M_-*

*W,V/J9_YL[D4ED&PY1#P)_"JF8AB$V9.H7T#]JR";^3I-"' MA2^0E0S$U*Q6,RR0SZUHX*?I'Y^^57S]?F5-N=WKOBF_*4-Y;4\.S/!* /39 M4QJH#?*

6Z7!;2VG##L[WKKNQ_^.[U^[NWMXM3<7A=&,>YGSW_ZZ_O M[]Z\!5_N;N_>G>??6:>/61Z8HMM=W'JRW2|I)[;WJ%FT]CUK7:<^(N_X_=N

M=5^L]4_-+MX]6VZSW&\(B<*D@B&PF,1 8YQ2E*#):'YRDU*D)X3"9B;_] M>\)@3]E]21^ Y]+S%9%9HA4Y*>^(;L(#KOD]6$*

*&.=C^+UX+^_@LE@#*_W MS;.MVI<%Z*_ #E>/KO!JCNK:I/YZVZWXP_Y$KW?N%D13U&I[@0WR6##6/,TWPZB^>19]>4+M%YJ8"T'?CUT'3L;'O%@]ZMG$QS\CD&@7!U2NZDYZXY\@;E1/V0_S_"59E^4=6W0BA[@K'@BJ;<)M;/3SA$ M.4T@90+#+$[C*",XS;E3L8*

*3M8FM3$>I.=\MH:SCY&SM0@CN;=Y.%$]N87B MS1 4 4H=3X@X69UBG]8+%QF>$/MRA>"IFZY(:K^M:[7N+VI*2$RS-#&N0V+^*

MR9((LD1J2/(4Z0QA2A'RZPMQDH[/5WE40X@C9X$U'/B[!*=A1$E,0P%3&$_HC%_]OHY,4\FKI^]V$\WI2K,/F)=K)_NV(_WTCRHT(5H*

*M=G1MFL!"1)2D/.IA'MEZ$YU(R$3.(",*8@)ED5'''GUHT7*4T>+<+''TF^,CA]2[M3!@W),V.U[*D8!D7]-PQ&@<[GI746;B#@(9Y[1Z]SX

MO>XL=+@T|LLDY\YG=P;A1&[^[UCO=I;F9OL?(^WZIM;EEU6E&UH]A8B13%3 M*(490APBE=B>><;CI4]+/&(X)LRK2]8@M^1 M>0]%^IAX%Q] MX4!P^#K&/21ZA$%'.;2;["'!@,)}YB-;,#K2#V,?>M,M-8[7\6[G\9K,<#V;2 M=6?,*M:2,;QAEN/$N A;V;EP @J2]"A'.LVE5SN!06J3:WE'&SR;>.BKW4. MN6IW(!A|M?L, A-4M#B)&$R_AVC-K-|.8A_KM|M-_NE(^|+871IA+S>@+267 M0JD|UPEDV"SF1L,II"S+ ($$H5E1S$E/FFH_D0&]B'=|5_'_LI\;VGS):NY"%2/U_)YI;1 MLQ/,/M|\&5;W'VQG\6V8Y;D;CI;(%8LSQC&,9&)#BHI"DB,$TRB7<<03G*1> M>YEAX|EM>UBLK1L] ./0"Q971>Z4-(>\W=C$KH;1P,J^,3_IL3\Y^% ^;A]=E597?[8Z=/9J_MK)\6))4DLR?2"6, (HDSGD$KS3Z(BH5"6YBKVF]WE0WSB5: C"_B6+A =8=\# M; \\W:S%]5#RL_26"^MG/XN]W8 MP)M+R(TX*O>'(-A9N@?IF0_;_4$Y M/HT? \8RQQ_5&]M6Z;JS7YZ+ ^^R=5V0_8O8H7'.)37X\WR,-*D,;O&(U8/8$0QZS7Y8NV/'Z *F9C]4O"WU\G.YP5^AC]*9YR*9J6HG4S;R-IIK_ M_<,C*RKKZ; [YRJH[52]\8B[%D"8$B%<2].H>$*P%)G."$"9UB@AO/7X:$Z6R\97?R4:VVH\<[%R 5Z]];0 /N!RS;'0B$(I[5RO M1,>0,IU -+4FN&4T0P? GBFZIXZ9&S$!3@SI;T>;@:Y [.Z6"5B&4\R3*HXHQ"-MQ'(l:1XA.]9%1$09=)572Y]0!V7%N+VO9T.W%PA+:-$P33BD4TD3R%GF8(1 M-J"; [[.D5(^863Z991@[IOSLM[=%VD#>1"44N-189BS)(8(1TW./H;:-M[. P%C2/9>235SS5]WALWG'U\M]F-Y=L(N#\/+3#+V3#18-9PP?8,P+>7 !M M3&*4K_CAT]2<*<=-.+R8D4*N]'C"V@ML&I, ;CL[+BF6UCVVW<*MONH]5] M.^HKBH2Q[EA#HNU$=B43X^N9#5ZL$JF9SKG.G=HNC2$^R]F!+&IC7]8*%):D M;UVU!Y)NMF4]?/R,RSNME5CW M1V,/IGLW2"0[9NNI/9'F? MM+5PDXJO 298 M0;8'Z9DKL_U!.2[1'O&,<9;GK;J*;\Q^K_JE0E2E"2<)A9$-1R,:19 AE$,L M4DI)2G7L-G9QD,K$MF1/=X!E[/HV-F[&X6F(_Z]3]L-%8;T5?5"80!I] MFL:LJCLHYG,=';YXG#+>"K%YL!-KE'RK'BLE6KTW/R]5CIL!>0G(_6Q.CT/09_$&[)ALMS\]-F_ LSX'-X>-.#L+9 MK-#X!3)SP=B:U3*&!O.Y,0W^_)$IG],!^K5Q FCB4A3 M2'(50T0TA=S\#FD:)R3+TIBD7OD_P^0F-AP7QKK<6Q8"]7)JT7,S'^$P\3,9 M%_HY_7D0CG =G0ZDG+JG4TOL]!5Z4!PYIY.AW>-#;GPI?MF^H=|XH=BI=BI=H M(^>PL;ZMU0![]U_YW$Q?<3/) - M<"0ZJTGP ^*YA?"\V[_TZX/Z^L!6KZLF";)^OS(ZMVJ4ABW?;:Q+|>'U^W=O MEJQXV ZUHZE2J8@3B&5D[$8L*63<_)1S'1&6$(IUXEKQY4U]\FBKY0=L&0(' M'(%7+4_@5?_SW\G21+]D^6N^3'^IY] RZ9I9(_\L,F9W(_2S/15",&!?B MCZE[T=>DV(ZK]9KPZ^I5Z34:FH$"\+_]GSE;7-5K,\PK_IHK]KVLE M;[^IBMVK7S?VF1_UVV*Y,9\V#=/]CYMUO3:[>K/.+'B;F& ^*,>Z$V/ZB24XA M34D"ED/_66KR7;-$!L&A_ZIE1ZPYEQE#*:P AC.P:=9,;1 MML"*6.M:;3XB@WTJY901L46Q9 ML5Y[RP7HL6&4S8,AG/51P(1R&?WI3ZK\SX2FN=>_ C'7)-YV6;&U;?K=57P MS=IVC[DK/ZNF'!8;,/Q7,'X10V5X>E.=-Z/*'Y"AG:\0C1O94*5?W1F,?[G0G7G$ M[8_"GJ8*%.6)A!E7R&RY>0))'C$8(2:EQ)CCW*O#P2DB4P=0#4EH:3;39&Z M)6M6Q?W.3 9%"_3$Y16+>9B4#0AXU)1FZ M=IQ*-D,$.N? >)D^LGQ84)U+$@D.,(PV1R!+(C([">A'":;<1EC+UF[!R3F#@N MTY:\JH:4G_Z=0((DE*@HT5#SC$-$A((DHC&,D7&#*$B2B#,G%HZ]*4GY9L\JQ M.|-UF#PGYWXPJNZ+E9T>"S@S?Q#GNXVXPI-J19L9L&DFI+'>R 9,D?GN<"2Q MBK2>W@>;>2\X&S)>8,S;LVC?9VD?B:[??[-&?\MG-4^+U,@FWV" MP*P6^[R S^W0)7^9]:W\C\W]5K)=Z_?WI\71">$HP0@QK9\;%3U GQ4&! MB"9QJI% 3L,9CA\||?ZK(P9::N[<G,.&-:PZ\3RW!8%DLC]5':\9...7%TE M]+H_/2W$P.'HLQME._D\S6C_6//,%>-?F%%!?Z=+:3=-4\5]*_X>4WZ+LRN< M;BOV!"#Y&9N3B/1"R!,5KWC*'6BI=Z4ZZ_KO" <5S!\#W]K"8=UP^"^;Q\=E MH0[GPB\$,7Z"1!E$*%/&>X@32&1B'/@_M4 UBY7H$%0H!WS.FCNX-V%+>Q6*WU$,>);E(&>RL:)#8S(=!+H(? G_8XW>6G MXG6U7GPHUL5]X\.]874;)L0IEXSB"&)"E)T]SB!A@D"MA8RT1$(HISC]Z<=/ M'4'=$;0#1_V"IV?P&%;;ZZ7T#)CZ'>BLF,- R#"FBN;.GA.:WO0*>>>@L"C/NND29MN%O=[4Q4K5]?N56&ZD MDN]7AUW%NBYWM D)2@XU3\SJFB34:"%C,!4*24UR%>%=S\;+&_- 7#E]K0_; M./JKUUO7MT;9G\"=C((J%3;36)=VC',.\;MFL0:UIL]2MXQ;WN_?G+,G@OY MKBY'$,;$?Y19L0QN)U]7(&^EW:26MR\TEKJ9$%Z5=FZX M?/WTU]I2LHY];;=0M[8U8=,"ZTUI2Z\VYK-N?U6N]FEY48HRK5,..UTFR)L/'"%VA+'(BI6;?.88%\OL4._/2QQ>?-_MJ? &7KTJM/Y3='"]["661RA3,.,0)R2%BB83,UA-%,=,(&;%$*G0=U M2>9@=>1GR,Q<.3XL['&M^(7K S=\.G5TE.1H/.80<5S I&F'%)IM3QC:8HQ MCY/8RQOR(3ZQYG>L-&MOPTY]\[P#TLJWLYP7MFYF82K$_$S%8*NHZ<_HQH P M=2>I%S^M&P.*I\.=V1[.H;)[GV_+!;!X76JM89]F&3" (-41RGD*=40H*P M"%'I-B%+LJEEP>UH36Y7C$6A=!G%+W=.E&,+,S7P$0L+/6HP&X?I)<,?B334(MKD?I9>?`'8M\ <0S)%1G7*!S*9!Z0@BF3/(=!+#'$]RR"5^\|R^Q*OQM!L Y5 M%$,2W#R]QL\F*-N:)F@R>(VTG/"[R6<6_$]@/MH3T3T&XF?%+P1O89 M;#@"'4N-3]BF9GQJ4M0+L?N3G4D$7K739G^Z ?VS \.P/4;[^;R1)7CF4<8D;T<;]_HOM#7)"R4%5D(@F#)D]K(T=[M%I!%3$.%LR2+4JTU\BO'NT!PZL22EKR-W;2C[FY 4U%DYT=L,$QGSX]GJ=XE M(-W,5DAX_,Q3#YEN=/E!PY70,Z9)W+Q%?H["'Q7\N=XWLOA/+HUL-!2Q302*>2QLL4LN6W!ET40QW&D#&2IYL2GZ/A* M?KR,S]@*YT9S*_I,@J)M&?3*IM'JU,36[0*]9C]&#&^YYG5D&5UR(+Q"SN2Y@IOY!_5<#]W)Z3T!'GM-PT!#HLT+,6Z@>/JP MFUV!4JESG$J8TEQ"Q'0"">41)"E/5)+A-*)RU&SF4]0FSUO;S1GN4;]BX,"*

*DC'T(.63M%YF-'H<;]-O[!,2]OAF M;8C-&MM4K:O#:S&K#ELOQNTV6:L,__;=NBQ\D_&5\'<+/5!?9+U>SLS \J M>/6_/V>09C=K$(H\/R,PI8]V),U^W]MW@"XW2(&=%EM V5V@;H!'5M0)YU>.M%#[<|-+SL.:>2'I1Z!-31B_?,])4&./3M.XVWL@7)395DSKZ[D>;DO^+8=\Z M+)NV&.2C?L$,_?WP?T;NN# ^)";I;+5%"H5*0@TBF"Q Z; MT!0SSH6QM\BK76'_X1.' ?=]0Z4AYM\]=(>!XUGC2,D\SQ4/6H.&[0;ZG/N M74!WCYZ]^^=SH4YU_3RZQD]QI"H6;[LRUE^*6K!EFX+RB_FL7FA*,\VC&,:* M3B^6$84D(3;L;S2*)6D<1T[IZX-4)O8[MG1\2[A+L0$-:3?%&L9H6,."2>ZG M:J.$=E8\)Z%:.&"MQ!_ORV_F M;Y3, ['5N^*FS*)^38%LM=+LX7-E8E[=, M4J.+&:50X!B950T)R)*&<)S6Q8IXK'1N5Z3T F-L2& 8& M/RT=44 6/ /\LMP3%I&]1/[W98%="LFFR/YNT\5]R$\='A"BVI@MYV.74;S+Y+XV M; L2JF[F83JL/'WHCMS3#3C*(NZ0Z[*)=\Q,EA;L",(TR<"7B+]D"K C,!<2 M?UV?,C+#3WQ0K!

*MX!733;Q!_7NL WKFH?G2NFB M2!E0)28 *4D!+; &/&>%TI27&2I=^YSU"1![2JE%)P>R;<\O-MASW ^L M@? M$P+/L!YHO5?G,Q?3@KJ?]0X\602 YD3 M+J/E=IH0!0,_?PTTW_M88="T2,<*E^5,>]PP:.[S8X7A%\(<^/ JQNU"[B^X M[Z\W[Y]-*T1(SO(,H)Q!@#)>_(K+#.1%SBG1 F7,I_>ZA^R1G?SLO? [AWN57 M(^KF]B/AY!<(B'R#@0!QD8*#3Z2)PT6 9 \#Q\A0X0%E'?+E;J^+IKT0CS= MKY@1*ZSQYR0(?QBCFW0^3O[^W+U>KO>+!^,8]:E.<9< MJ:E$ #%, 9(9 ;Q0*8 2DXS (I<\SK\V$5+K2SOQK-G@.B/ ~>;Y^?D MKI9Y]9Z],. 536C/##I9-]K+!AVVI>UYRO](Z!U:,Y2M,/SRM+;[>!VA/%(" M"ENHFQ;IPS]YO0<'5QX<;+S@'[%#$?Y!YX,K/U_ M>)POGY3ZHFRS/*-M^T52M"C27&% ,)4FS5?,1/E4@1*63(@<%[)D,_,*7SI7 M_Y^7Y/. .Y3G_(7[P)Z66B>V";#G)>U+V+@EZ1'L]=RF;P4F.XDCT!\/6!6K MXO^"E&DK_OM-*

/:GX'WC\RHK_. VN6IAA*S;_M%S7M,K{3;Z4,)$5)2A%9E;B M5') \DP#H;' A*,"(:\+T2Y"1\X#=BK8C>R=$DFG1?!.GQ,>;@X>&R4_;X\ M4/@] @>+8U\IZ!/Y,K<+'$"X>-' Y=VP@'%TW%!O&\[M#MBM/40TXU&HEB^!I-($2E(A4DCU#4@/8]85XUU M!:4R6ZLW]OG_]PM+? E)}MTR@EB/9!"2D!$@1,;E.P9E9HL@"H-+\N4AIJ9C] MSA_<@E6OO(##!K^XU$E/JH6M3^WD)J_^*X3K^")L;B'G>BC"V8@M!J\ZP;;M M5G(@.S*/\)"),8F!+\J:GNEWR.RSU+V#+_EO7NZJ%#^I!9O;*-+M.DC&6,%+ M((2P#9EH"EA6<"!*1 24$*:I4Q[2)V3D/..@ZG8G.* ?Y'-DAGK^E\,? =UCSRPLVN;2^^/][TO+RA_MNWEI62]\S= MH[+7]19?OZBO-1.4R5PZ2EOU<;EH_JQ^SU^B,DP1 YH1;KD3(*!%6@(J2E*F M989+-[)9;\DCAZ+ [;]5*@D>VVCPE:]8WBUX)X'!P&@T6OXBU4R/I]*CO[>XT M2?:J! 0R/]#)/%S" S#P-IV !1*8'-']K] M%+-P5&;4;S-%4Z;24@&*$371-4L!T:4&3*%,44A9CE $4N!3R2-'5]NRMJ6T M.PNW9BMDLTS^^.7++XE6!DDVK[=)U!OZ\M6_L8?'_WB3B$;'*&S!9\!V7N;% MA]#SL,KYFIK]AT:MFZ33:S+2X,N0C$L;? $;NGX$X^#(U]H]QYZSU)<=?Q5VBJ=PSD01T#/2%V"T'C >-<7AP[T2,[1;ZX/N,HO="8?H\EP$#JQN@[[M"9^V#7$0,"=]B<- &N3)3>OO3EO.K5M0L@T1*!A'@U*XZ>9X!J@MI>5T(SH76 M>6"SA&,Y8\>R;E95*S\Z9>3,0N//Z+!;V^]JS6&\M*/"NISFC!$& Y%F;-QRA@4D" &1>P M2)$1_ J2^L6-OJ/?B*I+"*]E+S^"R<,'^8)/_M6]'/SS?N%/?>W25 WL%VH;0E<;DF0>$FC.N1%4P40 0VBWD$F.[*!_TM9D M$\0D&]AI"]E/[-BGBTZ? 9&L5.B1 3M8'#,D>/67=X1T^OAL'-,^= MF@:IG1))K<4AC>X1S^XH2'DTWAT%L<">NY&0\VNZZPU 7[]=]\&F:[7K;>!1 MEUW_M_U# {(H[<*600$UPC1#0";2(_;4SF($)"<2ZXQEZ1POBTZ(&OD8+IC M,+1,5]!SM+4G MT@V-,%EXG6IDH9J4>HRS0#!J@3(Y(, 6]JZC+$B+P254.9^ M=U6C5-<$W5;=5]&H!CQ?(JM+("G)4F;9XH4N4H!2VTLD(SG(,J)R)!3&@OD1 M@;U,4=M.;BQ@W!,9+U"LUA6B? 5:/M@7\K5%;?,RH93\V%O5 ;:C=W26]_BX?[?;2 MR^WZRY;;?%$H6^CU=O&]6BT7]?0X_[1:?EVQ'2M$64B)L90@+Q0&2/ <,,D% M0#K-+YX([%[A&TVKD.+'3L]ZHKIMK=:HF.UV3O;)UU<21NDFGKWO6%.\C M&\XT7^2#\(M@SS^#NZ'/X/;B9Q!0CAOOPW!/=E_D0PE+B_O+L>+ (FR\BCPW.8N\/[_.M6BW7CTRH>EM^N6C:!;<:)B"1 MTWP*;@N34;'UF^XMK.T>2\,+FMP>HMMHE!RJ-$)++XF \(JU@_.5/NK()AN?Y MBB=\H%!>D^]JL57OC$6OEXN:*>5_JLYWCD_Q[<^VN\FM9>E=*YG9=!6S7 $H M SS-$4!Y6@*&H0 :49)Q3014GB1F 5],OF7TA=5\ :\]ZQ!" &4P+U*8:U_* M2RF?D<+,M1J8J58+6%(NN!>;_,APAO!.N=^3O 9(M]@^,CR^B[E.F<3&E*13 M)_EA]$DZA6Z2G4I)IU-Z@6]8KV M0\5X- :\V3^5WB|DOCS?ZO5%,3;S^G.+U/.PH' M89=Y\]EOAAOYLW,D2_P45Q?!K,3]^:9Z9J\.K3]R^&%HSK6[C5NHFVC<[)3 M>I0J^HA@QB^^CZ'<2]7L1P2VI]0_II3 C9SE8MG=1V\4:T^#9R(G.",0 (BT MO1P ,;"IQB9)9SPG&4M- LN['X'515D!HJ8NJ#8=@>U1;]P9)7KWS3,0O(P6A M5A!!#6!JFS>5.@>><,[.(T5")0L!",+^MK;MP"D^]3U&*A1!F3)5"9&;"+VS' M.O,UHCPK 9>:Y+3,;):)W03OL6$5\0MU[[_U92&+D=#S7%G*<:WQ7,'Z4#D M;BNIE1KQMMB@9;'V@B[*F7;/9\C\'^LL?.QJ1;7G?%SLY"?SO0+74C_V MX.J<5X^"EG?6?(X8LIE/]KHD'QR0B\ 4.0S!.,21/:)?F$=R&)1A6DF',:ZF MSV\"64V)]/"X4M\L64;7,'O'_*XI)@5B-I_@#*#,MKU@5 J2)FAM(0R*P*9 M]%WDC[VY><@9?Z1&-]E&H-5WPMDM"(V(GE\JGN@?C$RD]V"@1VXQZ$T"VPQ 3&++)5?M:3]"&%HSK6[C5NHFVC<{)3 MFH1**OGKTQ]K)=\OWB^^J[7=YMDW!)@AI#1+$0.$64X/;>MGF,A)E&>(2E% M5F2>U7^.HDPOR4Z7@[8_48OW/ &(5[7G*GC]I(!PI@"" @- >*GOSD.FBH##C.O4))6=DC!PS|F3G3:+B%R'.8>(6 M"]ZTU,_G[T[.7.KRW7A^W6-) <^)V%23^TQ\;E+]CUZ9=G4[O2^[B6?048R MK!E01!GW4P4$E&@*9(9AP0J>\L+KSN]Y,2,O%0[2W)W8H7;T/B YGX=<:,KW MR4=G]7]M5]5:5]}MZ]EK>'C)SUF[8I?N' MYF1*\+*4Y_W1@#KZU%Z3N M=',AVY;+=XT:9A#2K&"Y $618;/0-T[*6:D 0859(.04:>E56'U9U,C>V@BV MV^2KG>BDO9?NFUY?ALLQG8X"@F?ZO+- _+W77)R5BHCQH6]$^-+*@:1/A08-/ M&M=A_+-.!T\G8A#V^ZO/WGUE:N"ESF]48:E#*# _D^E^5Q# B04DF%$=RR@)W?9_$2 W=XYBM\? GU@\4KOJ0=-BG=5? ME#/MJ?R0N2?G[X,O!!ZQ/3S.ET]*M=VJ#R+$ZZ;":(8T(;" $,A"")-PDP)P M*5.09Z6VK $R+;V.V@ MW5@(QZQB;I7: <9%;9)O*¥MM^1"-4,OL ,EI-LY,2+US=[/4<)VSUVB!#1&E MK.SDS^:?C*3WBJ?LL3+K]UFN1)IQ;7OPV*.XG&I 89&"+$T+4;2DY)D3U_. MG+'3G)W41#0"/7L97D#'+;!$L-DOP6!AUB%*$H#*5 *>9AAD M)(<,8XV(SKQV$\[+&7LOP4H%5FSRIFZ<8R4'%OM>0LIQ6^%Z^STW%<),]]4 MZ#)G#_K0E*[;8*'7'Y]77IAKO=_:S>M@^F E\ M;=NSS)@0QG=+ 5*H!$"IHH!SK O"=)ER8DB7N=W#C)'=N2=!C4SZ.9M9+) M(UMMG@Z;G3^NEG]78I/H:L$6HE\]7-P%V3=G#TR7GZ.WPI?KI(#Z3=)*S_I M%+BQ?5>]M;"$*S$9[SQLCQ0;7"1.&B<| {'@>,WQ>#9SPQ308DMSASK>E^4>38ZM<#M@:P-5XV)AH=XQD1 M$_,M7C;RE%"QY]G _3XAM@_;.B.OP\"9Z\NVP/A#M5"V8\QZ!E%;*"$HP)0@ M@ I[NQ!S#]7Q MJU](2[UM [EYO>3:$87D..4D5QBDG)E5$"LU(5-02XXH:K FB&O&BLOZ2.' M]@-=ZHSC2)MDKTXP*XL?U&X!;C0 _:)33.P"6!4",(A&L> C>V*^A0!83LD7 M0@8)K0EI.IL?+9<.UU$?U6:&)5:7$$UZ02DHI2C4E.] WEG!6 (H@ +#(J69%B 3,_;@S1,+RF M_<(.OI +HD[N07FV&#XQ>,="L]WGFZ. J9BUK2XFQNM@L5!Y,3U*NX@G%:G M>+P;U+WR@(WD3K>'Y[4<69D5L%HW%-3-G1S;.&:Q7LXK64>QXRW:G A,=6%6 MJS4CA10:<*HE*"BE(A>E(AGWZ%\92Z\)I\;/M:Y9Z!]DT/%.[!X1O6FY])> M^8;6X=U\^<.OHV6TC[$_CKW@A^. [:>;T6;P[^BSNGWT6'OOQHWXF7]TM7^^S M"6YN>?5G%*VI96S8^MM:1LV96/+V!];VT9??BP]<8;I:N%DK^JA?EA\\E\ M8ZT2PHCYK(P>B[N%_5M;ZXQHKCAGV+:M*0%'"% %*. *\0+!(F2PI4GZ5YS[B M Y8>?K-;)[I>4#&R$^.EC^:!H&IR+US=LNGH6 5-- :T62:M&8F7>)#OH&E6Z M+5B#H/WWZ-7C(5!$RKB]1$^:>8> \CP##QICM%.BMM>U2;&IUBD'4!)FENHV MXJ2H %*FI(! <8D&=>5]2P7*@]VCTZSI@;'XI^ M1B"NUFM:V[\YPCEF]{P M!ZPLA.U8#)? F+,_78^1D$U;/OC)7&-=]3FCY7G6=K=Z_?)6:S]OAVT_7# M_<3JZU.#C>W'.#4[VR=]@N.R*7NF!\,1<$ 6I??Y@9S?6+6PLWK+WF<7[?^I MY%?5?&?:KW].1*D+VSF+*PULJT/ LC(%)8:R0"516'IU2/&4/_;IF- VMT$9P M\LU*#@\B3EAZAY+8"(4?SEM-VARPK[]\V6_T)+5*.Y.$&A] X@<<) ^DO%79\ MH.D)/E[#A)Z(61Z&Y>K)GCL4&!8<9A1D.., L=2>O6<9D#3'659B@GSI_>;# MCQP\,E'V,/C5?WORAA^!0$T434FI@38& T1T"H@PJW(A4\VP*#$KJ0^94S (MH<1-U1Z**V!P/8,*,|]WK*F5TE\D'G"D=*I]M*.C@Z$G/B(Z->KT*.C,,X'D M:.O%U\V9RXT:(ISE I0*&2_"D #.$ 6ER5-HGA%,4Z]02'3$IWU&GI";],_M)^;KE>;V:?54F[% MYF[U1:V^5T+5++@R%84@FH"_D\]P2D") !2T %$IEC+. "0]=6LY<$C.R:KI-'+YG8A M+8?HXT/=E+2[R4$9R7)EUL5:\;]!? 6[G2@DTY"DLLQP*XL74,2QR_-FS5N"F M/D#<[*AM:R6NN"/C@*5;QAL7(>\9]UIPO%-A=WLCI<4. B=-D=T!>)XN>[P9 M>)V_ZQFZ_Q+C5)3:$@$3*1! 2$G)$W-8C=7!<.RT,PI>;XL8N0 L.]O&^[L M9W!Q<^[KK/5S9D]#PUQVCN6H9P2\3./=04?L>=*_FMA8M%Q4XO5R]:AL&N*] M77RO5LM%71HX/^3N:,YS2"ZS@A<2B-(2\@@B N M9&C420[T28X4.J2A<:\]J8:XW[O'!L/|[TPB$SXGNQX\|[K;.4$,*ZZ-\P7T MJ](-!:&G5-9[R,GJ84.- /2QZ#1[#/S:WA;.W\N_;I4:)M[^^OW!S.1 YY$(7 M!.1$Y "5S 3@G%(TR(M9*E+53@'X+,2QDZ)&IE))S1IH+]'A/.P# Z-JXWU MS(G&L=,]OEUM;U@0\ [7;*USUVM03D\Z_-UG@Z57[,+KT/^@?0OI[X\L:>+WU8 MLL4[9DOU-TJOMLK 4[33I68<%SQ%@#'- &*< DYH:4**5I@:&,W"RS6:# D; M.; 8\4E]F&852#H-;A*Y58E5PMWS:E$;#C8QL?"+.^=A2-ZT* 3D8(-PN,>D MF+"$A:.*$*5R+6X!"3!2]78P[CF/,[H61QOS>/=HU?/ZV6NMK86JZ> MFT> [.WJZA%RB# +%M0*(Y!#P A)0<%&896X)8>FUWQQ'K;'SKX/;K]UN3R]4[IM& M-RIVUY#Z[R"/R4,9%\-H!'51E)]8TBXFD*%%'CW45<\\NL]_SC6'&6,(M9)R9M!.7.6"TR($F9O6::YRCW(O6VTGJR('UW)W"(*DX!, -TS=XF%TI/S" M7120(MRT[#%ZM"N6YV2^\-W*'AB&+U7VO1RY1F_Z^.<%XBS#"BB-4" (EX#E M*04"\Q(SQ:#2,$J-P$OD8ZTR=0.]6B'S_T?'X4'LW0Z8ND6.N$CYA8V!6H$1 MN&'BAG,4= .>*@5BYQN_5HEIO5D]W^OZ;>FOL63X\O:L[9MC67^\7 M=0DU5 M$96T.MTDK5:UZW1ZF;_6FOE%E #8W2+,N&#Z19P@'$>X"!B.2:1X%*# I/$I M'*#G\>J*D?QWYG\S>=2*S=_,E=BL[GBPR.;/'6\!K0H[Q)!H&B) -*, JX(M!8K\'&$)92:=R'F'\(T[]-?#:;W>QK6>?O?? UR?;878PXW%]W>C[TIK+=U[UG/|_^9 \F M^M4E#NM-]6"+P?6GY7I=F63;;B;-5)8B1%(."IDJ@$]2 <:,@BPM3(Q*22D% M]N(0=Q<]- VLOU>IBOYG(NN +L%FE&@,TOS!PB9C']JI%K)29JQN9D M>O3N;_U27ZC=FA,4E_NKN;T>>A"UJKZ;P/5=O:M^*MFQ%0V_ M$N;5 ^R3D';M6_Y?- MVKWP_X\JET@4T+R3*<4E!I3@# 1P/A!I# +"]+A(0; M]T*(\+'JWLA-OEO!?O[MA9^;PX^%BE\$.%QGU.4\I/?%/;2'\9A:0LQ/5)X M\!(;;P(>5Y D;PR^BU.W"5T^SWWZ=E3E#&&4*Y%*7 &6, 9+1 K ":2DA MU$)HESBQ'W)D[__CO]V_L#&?E\.T]S/0__X^/[^[9ODO]]__.W-W>_7.^&I MSCU$#>W#C6>UO^R=ZF"H25SE5/7. <[\R[4+Z\O'L#;=GI$4910S!6 I&4"V MO3 5%(-"8LVRS'SW:1FVLNX7/+*+N%0,^% [$=H74=RT=#R@_C[P.HRM6T&X& M1U]"#XA]H36T&QB7%]&.[X>%D5T-Z0>32*G/U==OFSO]QUK5Y/DSG"I)"UD MS&U_NW*]TD8.&+4TL- 1@NU9MLXQ$S,T/E:[J)7;; MK'=A/M_MJ];]#6FIT0^HC^2(!I-M-@7IM=R;Y(=9$9VTQTC7K]PLC%2A.B7 M-6E8<#+[>2QP>RFT]_#";B,U5YT_5^M_-%, <8PI+I3G@MG8;V?O(1$(&RIR6 M1/(\H\3WF"_F)%=_DAH8J6&)087,')SYNLM]/B_*,#^OCVV12M8>]9(1-W MYNTS]+0%;^_3 >PMHEXOK#H:KO=K#F@H>9H*I-],^UG'=,J-L'^]BM-CY2 ML[FMS=_OE^\78F4#QH?JH;)=9$DIS6P.C.\]LP@6S?H74)V*/"VQI-SI,EQD MO48. 9VFR6JG;K(^TC/1R_E\^<.>ROY[+2T]Z^]5L^Z/G!NE?7@-8GXR?7'-MF1?\//P"T^ZCV&O9]1$\U//&7MHUZ4;M:E+KFNR4M:T&.W63#R_WD7BPT+S, M1Q-(4#/M1^3'9!,?R#Z2FXC2IN._B0_1$37."_,';GY]6ZXV]P?W&4Y^9)[M,O0]?R?/YZW9=+2S/<'LAN?X"YAQ) M2G*3=S+% $IA":C(2I!2P7.%"59NA#1.TL9VUNZR?I!_]L+DZ*>QC/?T5T>[MPUE_^^R)30AZ5M;+<(/VF7V1)K3WI3 7OF<_F^+$^KO(M9DZ&20 8VE6CHIF M@$*=_VJ6C*E4/,/*;Q?X:/217=36*S?"@IST& @WIPPVS\\)W2WS=L.S%D1R MN^.Q)W6SLV8]=ZOS#X60.SZR9B/H]NM*U8[:5MU@0HHEZWVX7R, M8'TH[^,,!=;)_B46Z^. 5;W,CY?>G9#]<4#]8P;(H8>O+8=^OUAO5O4';+>@ MZXDK*SBDD@F@((, \3PUDS?, -;ESI$NJ!;ZLM&7BZ%[WHG,EW/+C20F- K,\8Q*) MS"RG$2H (A@!+D4.&&9FI5T*+@H2A2ZGD_BR95V=%K'ZZ>QP=//WJ.CX.?W5 MP,1CQGEN[-C$,#MY?PY>G.? F.]/BG+P8.M/SS3[2O&:KU5.U^-ILNL\T$CE& M@IN97IIXP H)>&'6&B7,8,F0"0G4:ZW>)VSLH]OF>&FYW:PWYMMNQ/K.[STX MN<[O<:SW<_7G;6- _6T6]3NUB5+2)O4?4Q!/IL-&G$[O#._XI \^(]M3"GH_9 M8&'ITW=W@@^N3@'QMM$E%?A4W]K>+,Q"_+A?88Q@?)-]Y]1:K8PUVPIKY12>+PV\A;&5LOX5ZN4IDBW_W#]W7]+'&WSYAZX.: M]Q/U4\RW=]Y*UF]SF=?K^_5-(K:K#:OF[6\V=UL_*E$9+6R'ZI: H9-@BY7F M->GS9IG8>Y6KK=AL5W6%DJA;S_RR_\@/U5W;DB4COJE8YM09*H%B+ >(0VAO.)5FNF0PYV;.E)G7D;*W'!F.OB5LYQV'AP?A9$S:L MUR[6:IVPQ\>YOLR%N%XN7HP5!$2MS]Y4^:S0?# M\SS%#Q_(/^_'O3IX];N^M_IM[8EMQ$QRXI49!@1P'@N ((R!5RC#*"#S9X(A M*6'N1%KB(&OLK+X69S,KU0IT3T:'4!K.W"/:[KMN/PH-3S=)"\2=3MY&:\(] M"8\(2%C.?14P7LF=HZD]N=S0").E;HZF'&9JK]\$4K.PU<*,O#8IWY=O;'7 M+987LL"08Z!5;N)5A@D@$"&@92'3--=)KQ(MR]*&CEN=7+MZBJI)=?+E-?+ MAP>39GW9& T\V5@N0N:6$44:PB^(G<'@;Z/PK0W:%HM(Y:* <:5E3ALP]H4@9 M?,$_]:EO.'\^W%&X7<@WU?IQN6;S.]U5$G9E*8@(30D&$,+4I"$]!53EQK<9 MHHQR6# H71,2+\DCNWFMR[_]2UK_U _NZT3]XG9#\3A?&4T:/P9.E0D)F'R5'8 M (%7(+9\K?ZY-=*>^M]\/"C^11KHH)* 8Y@^)! %)=09$D>6E*@F4.O6Z^G!. MRLBQB: M:>>I^\1^# <+#R=%$N/G%!JM44FN5U&HE5J^D5;Q!LFXX;71+.N621KO$J!>0 M/5T#LGLN-1'889G5E:#'2;8B(-23>ETS^F2)6 0(#M.R&,,%W,[9L:LU#: J M-M_?:E]_V/5<-8#?9"DT@=_^!Z6: X++%. 0GL*/!+XCV#<++ MD9T>!WP/ZX_^MCZ(#H?\$7#R3/U>&"*/ZT#QH0]'!0'&L#!TA6]+(Y-:S M&/D"8&YKWVOL#ZLY[3>)'OS^P]_.N0^XV*58)\0%";Y%:MENM'RU&UMDX?Q4% M$_#O%K.37*[V;PJOMW4A%Z;9?*)K<:,Z- 31L9C3^CHN")B;O&#+XE+EC\(TP M#_^-50M; W"W>+_XKM:;NF1!IA53J5(,0*;,&@9Q#IA@%!28(PV%@#G9S@("5FA.=]=U MQYC7B//E"CP"PG&]$6]>YV:ILV7^2XES%L1:/1R-/>V"X9Q9)VN$LP\%]GBQ ME2^?EF:)H395TROOV9TN\XE^]!BOYG6=\,==!Y09S0O*(,$ *7LG05BN,LIS MH'-,*(&XU-*K>52X*N/G)ZNM64@LZ_]MQR,-]_S]:ZX?,09-BJ73 MF*4TPYB:%96DG "49RD@15X E>8$(HEHF3HMJRZ+&#E*68'UC? %KF%!]*!S/M':XRT//(P=]V%W:3W/29>27KR:$IHW"=U:)>D.?DT,!^7I.C)\:,\2'R<^!=I(Y!7G09_L4#MUO&?.]#N M>X'R$G-NR-% $>ADT8%/R">1PK/MP,V1&MBD=N%/,@ /BCS1U6WSMK?EY-* MZD(H"$I![EE)H$9C(&L8(()4]8Z=:.]=]Q$Z52764B=?MH^/#>T)FR>_,O.< M4,F7;TK9*5$O5P]M-[<] 43="M#CUI(ST@X,IR/@Y[ESVK3OM!=K#G2X21HM MVGYWB[;IR/@%;A_&@TWOSU43P#Z-E%=AYIN%]73N*-M5-]WP_*S M7]FZ6MM&PFK=?66,S"_5UT6E*V%9*INH7BV^?EK.*TMXL?^>%Y!QS'_*=(IR MDZM)"FB*,D!1(8N44)*

*[G47%4&;DB%RK9L/QH7)^V=M54+OE=%,!Z!>2SV)7 M'],?:),L54LZW4:Z7AX#I4AYX56J3)HMQ@#M>0X99;X4SG)24*8$8(0#K5)ITT*U-$TE334LD284_:[/.2QHY8R]6]YOCS MK'VYC(Q;#(IBKU^_Z40F]FN;U$)MN&G$1F6]]K[>R*

MZS0WSSNPL]_%PK3W\Z5WGV_OGY[O=.YA%P=,RRW)0I"D%2)I)A_-4 $($(TC(M,BV#3YLBGC7L M).D[_U3P\<+RP:R(?[ZIUF^7)MOX:[VOBAA20CCH,QM@0+%"MB"!9_7$)4"-M99PQ+^[7'EDC>U@C.;%M_?:R@SN>]&'F?'00 PGO\X(P$$),"(;,BW.]A+E"&4A3;%9@4F2 IEH"@4M9ED3A M0CO5]9V,/++#=K+:,5-'!SVUO]\=K[+*S_F<#7)VMHO*]Z2)YIW&]\P/>V.#;AN)[QB15FI0$*"XY0$C;^[5, M*

JY2E&E%A/GW@/NU_5=OG%77[.M=:,BQO1@"2NPN(^8VV44 X K2O4//23L% MOFIE7RXX#*N&&S0R9L7;96'35]4-&GZV"8P[-=U"HU>9M->0A<'HGVKX*Z$W"V43 FD7[#987@H-3G0+?EAE$OVVMTUPNZM48J6U9=*$:6Y9 M1[3=,R8I*%&262P)3*?6UMQ2&=!@Y_-WU74NX^DK"(,>2=1XL(5D5L|N'OS: M7>2P"HVPZW<% N-=-!C4X*5O&+A"Y'"UP'FH4 H5L[BQ[6F[MQ/W&!/)9\]}F-1%>TQ\[I%]CX;6B1ZR+.,I)*

M%]O&2V^4F)O_D[.T5%QK !/,08HKTO3S*^RH!P+5A99#OV*1IWDCNRH>W]/-M5]4BV:ZE;67=\"9ZDAVXXNCFPB.@X^?*

6SXA/;Y=#OO>:.:/K1XQ*U"]#(]6 MC^HF=>+J5"\H3FM5_5X/KC(W'K-YLIL.F]N%M(N&QWHSXNG>C'C[LUK/,IE3 M06S%GZ*

*((&Y^(B+3(!.:4X9*FON&CD&9(X>-#\O%5_"A^F[P?]@Q*E+UUTA.%/$[OQ]+$]{CBY93=I MEA,SD2*<*54"H6S-.R84,)':'HN4*2F@3E/B1\[J*#F@J,-WV;\G1ECLA">L MEGXM)<)Y,%VW >(!%),485<+TD%UVP]5!%*$7L-'8T4X+_6%:1%ZH1CF1>A_ M/7C#4)FOT:,E6GC=#KV0!RQA)CY0F1<9R+&0)5(*

*(:A FE6I%1CB CTVBAP MD#ER8M$QL56M)M[;A8.8.>\6QD3">[.P%MX1I$3=$70U^]Z&X*#$]?<#72$X MLQWH_&KH:N!!AU+SBU]I5U_49C-7TI9>++>;UVS]+9MI!1'3# %6V$-&5>2 M([M-B&B1:LPHD45):BC^(#L(;0DU'?+T T^UVW$>&@$;BT>-A)N-;A)6AWJ M>BVC1&*UB+G?Z&5UM#U(-*

*ZD3[TMZ07&Z5^GWNC^!DF6G?[VL;\^KA7CZN+55 M#G>ZBU.?C>=]^<$>[U=LL6;"EFFM9R352%&2 9Q1"!#!!; Y%2"C)2LYUM*Q*

*MVTN@_)'SAT8%>P+?91#)RFB1K(T:EH]MIX<{)U (R/T!9@+H?'[9,2]E%B=DOO)<'2G61H9SS#&I3%P]+>)>N@*5'AJFD%$G8V2ZPN1# M2ME9:6P^?*

XRWOK7IZZ%_6^KY?9Q;89H#J?M M,[7R9BUUU]Q@,_I^V#69A)E9'Z8P!456VA8C.@>$80XH+JDJ,UA@X54S.Z'N MH]>KU!=P=J;WL.

*{JFN$_Z4="8EC4TWRWGH,7K=QB$?UN:,6>&PADRV.6*IHQ1O]321Z=6;0{SZY%W1 M$?8).!_5CHVK7]P_AK16R>+9*763[-2JP=TK%OVHYDIH1N*

H\]'BQ1C, J#J MXS<+&2XT\^_:"S;A^?#:\0SS0B+,>!$47M&+ #-5 XPS'3!;5D)S7W/B"^+ MF^!@N%WV5K5LWXRW!RC7%/5*XP-SRDYJ>\/_YNC:?*

\RL;JB\;&E:CZB)\ZIA MHT\3(8=W Y-@M0,7]E0W1;03=8$3B7+"& Y-@MO4AJ_AEP#K%.5 MER]5>8;\O+E'VNC.O*^)?*

&1534Q_V'',]OH02#J;UG&SWO3W9";:#"8084-L$(X4(PG%I_J,$HSFE6>G%:^X@ M<^00M=>@(0IJ=4@Z)0[N+N Z9861H;(+Y9=CTY*

*1:*SO=&J$816)>:+5KK/]<'8#J=!4R#F%U>L1DFM4F)U2EJE&O02HU9B]$HZQ9)& MLZ16+2"-"H;6/<>: N*P!*R&^K&&>F&A?*

FRA7M10V^_IQD"]Z:#>-%"OK8J_ MQ$G2KL6F)X,+'GJR].Y:XP]SOZO'BG!-Y25R;=?;8'[AUW)&.(8ZU)CP!!3 MP/P&:PX\4)8L50)+09A7C:&+T-

*%3P\,+&5:'>@G:;G%%*9\3H*[985R8?-/# MZQ&Z[LK*@,ECW%>Y)/+E+JL,@-![4V7H7?^.'S:;G'_ZMERHHQZ1DO$=*Y* M@(G.;2,#F_SI F091*K4@M-*

,NC;]=#[XR'&@%I?4\MIB?O?.'R:Z'85X=0"Y$%-0$Y&2PR?]_7#+CL!7(Q62"9MG?MFS%%&ANE[OB\^MKL,+=W

*M3E^SU>K)^,K_9?.MFN6\P$@2#=*40("*!EW*G) %95,E)RDRHMRUE7PR*ZV M4Z, ^7-]\JU8R>60KDXNNU-P6*]B"@\!?*

5\N];!)=+=A"]-727(>QV^0![G)^ M;MQJL%PE!RK<)*T22:=%4JL1:PKV-3S2 .PL=M*IV!>,Y].OJ_N!9/M=O5/+ MW;^>\;1$4D$$:*Y+@"B#@!>%O1O*2*

*(5@:JD(0V&G@L**$P*N$#^>KEZ7-:W M/]5 [PI'>-QB0)BU833WN[Y!G:R(;:7S(C%57\R_K1,I)?,. ^&9O_B@_V[I*

*M1[4QB_1]*2O1$M/;9/NC<6^3:E="S1A5>4XMD8/FQ*R9$0144 64%CFAB*68 M.B7&+L)&GKV-(-!*2H01O$Y*

*8@&T9P1V2;CL:VJ1O'KK>%G\"=;A#=&88/GY ML*6!{D0GK>QZX5R7"'<01@3#?0LS)BAA6Y57@N.U*>EJ;<_FX^ 0DVTRNAIS MN)GH_(Y_X/NR?*

7R<5VKUKL[2U:?5\NN/=Q^7;G:[\WD_F#^Q7XU/BXW1E2C MQRO/2\Q5QD$.B N@?8\8$- M"[LC >P5C]_#IB=*

(!PX\6>B^SO##@'[E2%=DI;B'Y_5H_E[?6-K)=_4F\K- MT#7Q\GI&,BIX66"0<\X!TEB8L&ZB/-$I-3^@%$$U^ZY6?.G>)&E(](_3'(IV*

M3U5VS$/U'9AU'<&;'SWOW3H@Z+82C8N*9XRVLI,#X4DCO8T1-PV#>L3UJKNQ MT;H@#0J M5[HRKL+6"4LZ(N!YQ7@UKS9/?E'$"W.W>#(6DGZ1I:.

*(/5(C>4:U5:G]IG>\ M&!,"0*1HXR5ZTK@3 LKS"!0TQ@A%S76K 5%0BHK<)"54E !A#@KS^:1(PP*

*M#%(G%:=SA)'CSI#);L!/1N&872+*5'!\0LDU^(2MY!YA*8-P_+^/$?,?0T; MW%^,UJZAV.1 5IXK$XMV#K4&FM1'/GG8E_;JMUU1XSR\JR*E0; M>W?*

*NIAY!+U>]^KIHLQGQU)"PSAL'8_+OVX:$8?W7]VM"7/K(W.+0.!^$7T"Z MU!IB=\K7:C)*GSE_,9K$7%)\$MWB1@ Q*%1Q-(D9M0V7XV[=VB5'(-.2E! M0DS68W* *BG>Q7Y+03>T7%!T"R:1L?&+(E? M$]\1U:FA8S>B.I#XYVA$=0]! ^W28=[Y>/CQ43?IK+VX?[G7L.2CNU<_-KT;Q?\Q**'*A,S-E!]#.*

*MX"E4@#*9&J]5F1 ,(0RYC]?ZB1!][_?%LZVZO6[V,:-JC?=@O1_R\W!-I-^\? M#S^_J/*;_M_:B[)30J2"XR!4&.* :(:Y,O*()!@3#.N8<;WE?K$AP&CO -*

!O4R1'OR!D4H?N_2YXPX\9XR+!?U@6U![SW5%&:Y 4I0#U20&269$9!!64JX.MM%_M>C;&-041@U0%0=/O64LBSK#'XT\^B9XU[]P\>?*

[!^J8WJ_7V^-ZB/KB35T4 M\:LME3!2;5%[4^K'-!649Q*8U;69)IE"@!$" 12ZT)BJC!/L,TWZ]S!ZDK[W MTZ2]%?MK(@[D)X_F>*

<_AAJ9"5S\R]GKL7F_Z8$M-BWSV_5FK2B$UVUG^(;+U[S7HL%,(J MTT/1\"H]=S&Q[\"\]_7)RLA=C#@L%G=Z/BR5^E MU)U^O5*RVK19.LDRSG4)*

M@88F2T)9J0##4H.28E$3ZIT]F(L0\?+9'-4B>-2+^,YPP>;AG-=5;Z MQ9UC T=8N%PV)E*&<4; I!G$90.?9P@!3X9YW-O%IMH_4\EU6=+^K55O[._

*M+U>OMR9S?U"K#WN.KC1%(K<]!@0V"8&M:2*$05!FA.1,I"RC7NRMCG)'JLU6 M]DU22T\Z\5?P<[GBZ>;&(Z#DY]M7 >3MZ)[F1O)^5ZF3A@1/*)*

[""=_7_;FZ M&@EOS6A?S4+EM]7RQ^:,?79FPQ=,,.REHK@M0%"RS%40(I(4H-12%1!3@HC3 M^>.*

G)€R,YZ40GC>RD%>Y.YM6'5'\8B&B_G]L'FNY%]^5@6!#S5]^XDY& M.1AWR ?F\OB5U#T?;%WAY^KKM\V=_F/=M"/<=;BXT\W-SXK-/RV;&MVW/S>6

*M@X//36*_WLRTA{JGA>TG87,XP4^%[_0%/TC M>;O8/K1M62*F.I%QC$VE=*56+T/ % ?*B[1-D88//$127ZV8S^IQN;+*[*H% MR67AE)O*

*I8$6,"^URK("$J^CH@N"1HZDK=AD)S>X]N(B4HYG M/1'L]S81"3'=_YAFP*Y8AS&7Q$Q[Y#)@[,G!RM#SH>N?UV;4%9N_7TCU\[_5 MTPSR,M-(4J*

*AT0!IK0%/90%D2E#.:)Z)W(G*_**$:=8\K="DEIH8L;ZKG>>X MN*YSKK V:(7C;FC VN:",5>L:IZ/./%ZYH)!IRN92P\&SHWBFY+;N;K3MA>S*

MI:Q\LN]ZS9Z^VI<24I-"Q#"A18$YYBLV41VFNN=!0\]MS9 MJF&3V4X16[!K5XC+A:WW]O!7?%TG%%'0,ESACT#T-.>RKCI%)J,4M/L:WRL

*M:=A5[+33LB<8)].T[_O!)#/;AVU-#'Z_OV-\N[MBW#6>*D0.4:X!%:4$B%(. M&&4"*(WS#".HF::>]#(.8D>.)>]Z;EE[T\:XH.@60^)CXQ=!#N0G'42O.XCV*

M;B2WF\V]XMM-'5 VR^03:R),]#-//T#B4<>X")V:._8#B#-T.3YO!^ZQVBM'-M)YU1UK,,JDOD)05%IA1 $!% (4R!@*G(9)$]DGGU-;H@9^P]4"O5<\OR B",

M6Y#7F^FYI5A?&3MM2!23([W?IEC;>Q>D3+M=UV_JR?:,;P,..!UY/,=MV^7&T=57]40#C(G.IQ[O]#+U4/ 7H +;&'' MU(W.B>!A[T@G>"_.?N !P="Y7GR>

*\N19>GO[1WMCO*G4%2P,B6 M0&36]0(BP+69KQDG:4I$(4HJ_2Y2GY'B\RT/NDI=LW^98/&02'OUWW;S_E%M MOE6+Q#;V?%)LE;SZZ$E(?*

*PXM+64A&.% ^8WRWU\|"=D:VTF[HF(WXKKS/&1.^GC2=2CA19IXG3'Q4@>O M2:UH8C5-6E5O^CZ$Q"B<& V33N6DUKG^T^ =V9$_'G?B\A?[F *9*

M5NWG\>QSB'31 >GC1X\J;C$AJ%)@.F=?'$> WIZU7F]GKY6]G%>R_I[6*

M1++M]1RL["XRR$"IF>UK@S%@&A&3669I5L!"P<*I3J5/R.@SS9'8AN'8\P93 M+T+]DT0LN_WB?9#)S@'$Q:;^+-.\?

*Y!AFM_VV67OT).XO8MQG0<[/>M_=O+: M^/KM2K%Z=U_S/,V4M"7V66[R0Z$ 39F]2ICGTE*39=BI_^+S@<=V.CMQ65F> M!QY'M@^?;*

*(1:Y.E.;L9XG5*9Q9/4 D"80D(8TB)C?JU$+HD:VUW:NQCSO0)_]6TL MJ M,R1P_'QS+SZQ\I.=^*#"GT$ W1P\)BS>Z6@P(@%-4=W,C-*

8C=4#]T3YZGV8L3N%S>R^UOAR:NY$?^7Q#9,90V+):N^%SG^ &QN;A\/#^G M;W#XT.%P(-S"<=L/A[?7NUD9R>

<'A$WJ\6Z&/_=WQ[<"+T_5H^QNBV>"Y B7 M(*/U+5.,HZ>*RH15)Q3#$D^VRPW;.[FW$>C>_GR3H;S=_C>OM(R:VZ"7/@8

M"S>/#:;0ST$;,;N\,^*]G7/ZQ]IDW=_M?/ECS[9&1:[R%!F/(LS\1YOYB1G;H3F]QV M4M?)>CF7WIS4YR!RG$BO-

*MQS1NULW@N\2:S(]"S2/2;%8XT^)V1]EN@>0\^P M0O<]'>:>GPR:RDSDLKZ=WA8=($$9*U*.,D50+F0P*2P!9!8*X5RQJ7F?E11 MY\3X?*

$>#N*)V0I.UE>KGE&>!<7/):XWU<\B]E;6X$5C=^*7^GJ(8U03VEJBWU& M/O?

$WF=#ZUP;NH$WJOG_FO!CM57RGOU4ZT_LJ2ZA5IBQ)36K2TA)"I#Q4L Y M8B#/A$^.TD=>1)]U0G_2U)UG O5(ME8#6[LG^9;.2ESS$_+!]7

*MW;=>U@5;-]^.CIB?L^]8*8Y02UH=DE])I-4B9J6MA]'1:F]=9$YL!PVE]MKL_+D8/(P;G7C!9(%07);#M<,[F7# &2*@UH5I"\@*596<>)(0="1PXAG6CK*

M"JQUA;.R/E:H.$3PRD@1B$O40'&@PP1AXHS%8T>)0Y%_CB!Q\@3G&''NW; 0 M8;)-PQG35O81R#@W2W&0$U('!*4"3$$)",#JNQ^-@%+8Z M;V77-')

*[Z?7F=RV_6;5'7*P[&QMKZ3XL<-J%O#,)\MZ]S=C\$4TMZ)%B8I, MPASHDA4 D0P!QE0&5,920G'&N!\+U!D98Q]M'?0QW=.S/V-&6(==(3^'F)O3*

M7XF#Y2'6O[Z/PT=>C;ECAD<>00PA* M9-Q#E- 9]I-8P*D#W\L7V.R/M)E MUS;%:N-^]=L7XOXP,#)P?K'AS+%_8E5)CG6Y:/FNDC?*

C(N=^+7Y$!,,NOL=% MTNM&?" 6/7?>?4><[%9[H*F']]9#AP@LA&R7$'?Z>7NP@_YVOSZU_]B2BZFR M8#D7H)#$9)^0"4 %TP!B

*3G!>8;2W*L^TE^'"=>6IWWN#K2Z2?C3[HDPMK* M#\ MCQL9UO"E;CQ$_4LSPS&)5;$9H,&TA9SA$)W4=UXQ5'#9Y_9A.[>[R76O M=$NIOE+?U&)=?*

5?OZU(.>S>C<2,.BIQ#FV#JU,0QK5+ ;(-2SF2I,%0Y(EZ'-M4#[^Q\\U.U626I?D2)FDT:;[0Q04N+R@=HM88P'HG7-&Q"ZD#-4;A'C%]>ZB

MIRY9]0;E3"&K_QAA8>BSLMN!PNY:++Z:7]3JN_]\G,_?+5<_V$K.M%(4ZZP MYC_:5L1D@&--

"7+42J,TZ>HOEL&C=,S\Q.GNH1I@9G^8Of]<+L@9>VFTDYK48A,K-XA[X1).

*MC]N;ZZWW7,&$&.Z_0.DW*]8BY(*4:1<:_::>+'*8&'@^N7375_CW[>:8;^BS-M$"(YS0$Q.[+QV-(L$!#60&O(8":Y%*77 J%/V,ANVR:M]T%E[)*

*<1S>Y&0O=Z3&MRX6QJL]O2QJZIK30:/U)H.OQ-Z]N,<=!;X78A/ZM-M5+R M33W1-S5W;8]8P7C*2PP*F'*3@',S%PN4 JV83B&"99&JKB+NWN>FM[.*

?5Q M]R&I^;[TRQ(,KVIENFO03:%<?6?GB?P/G [3NF1T0N&[1..RGTO0Q MK_5(&D7:XMB;I-8EYL5Q;P"BW2-WESSQM7)O2$YOF?L/$1:!WK+5P@RX-*

*B/6 M?51WS A04RRQ9 !Q"DVX01@P7)C47R+%,I67*74ZU!X2-'(2T8FUW_^FE7$P MD<1%]-Q"10P_,)"F.W>(6#(L$C^?*

*E',LXJ9.QS3QY\/M!M,[FUE*K=-S M ME#!+<@6TXB_(6 *&A^A2;YYT7)"NK5.NUX^+%=A!86[l;'4#@Z8[*!GB[H M,)N VYTU(9;S'0\^K8N=-*

*>S$L4E=F&@ENE<5G8+0[T=7F^;G1D=6 M!70:.37/O2SJ*C/#"I_::0DR0L"F$HU0!IE@-K*3UA*0J&6K%1> M$^VPR)'CQ;?=FG"%?*

B0/G0J^^VV#P+GNNL6$PW?OK95]DQCIR4[\36(4L'L/ MG0HQM^!97U2)9 MUVJ,LA_?PAMS0]X?M!%WY!MEIMZ2/X9@TCWY5O2?<%/^&)2P7?

EG8P1V29FS M]?I.UQ);PA4I>(DQXR!5V&8;7 &BL=V:X&61:Y[3U.MD_U3R&D%E@7TS?L MBT$T-&> <0L,UYGKY_Z^EOIW-

*,EH3#^?)<'INU<RWWXB%D-MKEMMU\(0DVWOQ00,4$5@6SY@X&KWBH:P7YE4\8_8PH>*YEP*X%*2LNPFQ^?N% MF;A,Z+A;[*

*K]VODDP\P2JC*0I"A$L""$8(**UR2%FF4NBT<';4-_)=_T=P.OW]A$@\?/W *I#H9@BD1K*

MX&YK'Y6!PRC3T1>XFW1$6>#QVK4T!9:8IKZBMR]"9VF*24DUR!7"-/$B!RRS M(:] 7.1\8V7F1?K4)VSLO<&+C&ZAK-)G\'+<_(N$@N=FWP$ -9%=

*<[\V&:5] MW\7$Z-?^SXAZH?O]EXV^?)&_YYU05IP M0@'F)0-(92F@"I5 BA(RDF&D_#J8#@D<>_>@:YL2WEAB$#+'/86(0'CN,'08 M'-Y*JG?*

U;0[3BH])5^EF:#3NR@%Q$Q-9NAE_RFKI^%X@Q:5)&+[6:=T7M=G, MZSLI#:O1K;V"J^3]LKZD_XFM-D\S+BC.8:8!27,(D%08D%)1@(B"1<,YX4?*

*MK:./[)$#PG]MY=?F2H[!\)*Y^FKRU!2%4B@E_4?-29]'L] M=GQEK2K)9MF2=M3:1.2+# $A%HVDE^2OI2554#8#DAC0P:)"SPW*V^LD5+H_9Z*

MN5@OYY5L.-46\I/Y]G6KS3O]KEJPA:C8?->FG^AR\0V14W"'%GC@Z31I2H\+X/-3&'3PP!#^J%,L M$##D&L.L-*

]PQ)G<"DEGBS;_05,0$;,"I6O+@@9=H(T&_JB4\//![FI1_5QC;E M_K1:?]],"O;KTQ]KNQILP\+BZZW85-^;SG10"JS3S+AK63,;V6)-BCG(">:9

*M+%66\L+'<=U%C^S+=:/XK2TYM'UT="<_83L%_-S: U,W3Q\'*3_GMSKG>K&=%R@]1%0PH;4]VL,D-.&<*Y)1APHB2-/,L6!F4.7K1*

MBLFR'JKMPSIY9)6TA|F*K>9/R4D)!?#8Y>Q=7Y2PUF4]@$*&9:X$H&E*39YE M8C;!YJ=4%!@CDO*R]+IE$P?.*V[<-?
+K\'P)Q|@8ND7FJ,CX!>1#4.HS M&/I M2?=G\TU\;!^U&L5O!C=H>^1><)?EO4@KN$'S+W6"&W[1OW;H7?5=?5I6B\W= M0MW_6-
:_*O/]66P^+C=J_69K_WK_;:E=LX6_V'^_O3.?,':"A"1EDK@PD0+ MF]JHH.!Q66L49,/ -:57WP^XZ)>G>A MINI5&2J@RAE(N3(+?!4$8)QHP+
(40UE2[MG&^U3$R/EC(S#D) ;Q&)_!Q2U% MO.Y:O^CL:;C ,);J+ML2Z1'4J8-I+5!<-/+E$=?G)P%H)6Q+P3JGU#&N9%B5E M@-&T *A$)B&#
@(LF>""$X68%V/*;N21W:R6DVCENU^VM]S-HX+L\7.DQI1W M?:;XUQ8\5SM6W?_) O#8;MT*HN=T/M[0%CRLEJB:[0Y@J ML;0
O"CLB;UU'5$](.NRR)4H=)Y[$0IXR![9N0ZD0)O) [/4M-RYAZ>:,(R'D MYZ['K3@:XH"&?,0NJ&^20_#>N(7I3W" PCMNJX)/G%W8.0.+2PF-H"+\@
M(U4UNS5+,6F78^_F[.L,BZPH=6ZB!]'F/]1,O!Q+"(30 DN$,'&C,CP9>>P MTOEPFY/JH6HU/K7IX^V1;>ZT_L_-RLADY.JLLPQ M8$7* &(Y C0O!,AQIKC
5)K\U:\ANZOHL5-:HTAR(#)\U A:07K@Z9@'CX*2 M9Z(X\0&DCVW>;?L6K5-NTWMGO+'WAENM4F^]WZ;HR#IN%T]
M'CZ^:^I&@<;1D]\5LU*;AMW1V8("K8ZUZ^PI?=HMZ3!H3O:K X<)C#++AP>U MLG7EG]BC^>Y#)FBA40$RE1%;]$T -Q,*$IBEMD9RYA?
$^YGXX\=)7;2DDSECL?G('M0LYPQCROY_=5_;Y#:.I/E]?P4B+N[.'5&8(T&0!..8B M-J)\T>/RVM[8F.L/"KQ6L4>6:D7)[;I??P!)O94H"H! UMR'=E>I2&;F
M0V4B$\B7!!*MFH,B FE,3=C-:5FFE#"EG?;[SQ$86:U:DF|/$UBB[CM7O9A< MWL"Z5E(_]?(4TFL_:TB2H&VMW@=.MKLU),[A)M?@=5'+
('8U%_MLZ#8TWIC/ MNC\N%_O*0UFJC"1RG_C O?N&4:ODS],Y1P! +I6-X1 M^O30KC_[\SGS\UQU):@F]EBMN_+4F2P2SA3=5G\@12%-
RAP]DI=%1A47F5=H MX$)T9(MXR$)S<../MV_7* T.WPQ0:&SZP=4K\!_,H-/+2$S<&<@?AM#F0Q[T!24Z%L%L0]1Y4 MS!@BFDK;AX/1TM@)B2
E&8),,965 K,L*9U;GGJ1'C^SIV$&K';<@/J(%8\^ MGWZ8#AN.<9'R,Q\[D/:,M)V4CEFQ9Q-"==V"1H/-HU/J:/ %-DV-":-?']4@ M)(9;JOH]
<+KNJD&'"C5:#7M"8)L.VW+I;OG=F/I'M:BK'ZKM!?=AN5+5P^)N MLUK98^!O)M"N;7S7K #-;_.VHXC\?5.O[3>Q&27WC?W\;%<'\X?U>E7QS;H
M(G\S,QCUC/**58)0 F*8&XS%)(-450EUB:/Z&,Y%[.WJ3U =R3'MM?E&YM<\8LQH]T[W8V$>O..]6+L!FD:T&] :)!PZELQWP6ODB]E¥YC=
<2JZ/+I+Q/VR?F-5[+2?>9 M5V$B;$G[&Q,/U4*MG@T+=N;YDR6[36+G:4&SNBMK3]5H20_"SOL>P[LB,D)CB(%\F"#5&: MU-
XXB/S2.KC<$IA(8*R&,3/&]"OL_6N[/_FEJO^O+>XN.J2$,!ZDS#.(-:60 ME3]!B2(4L91CAKST^0*]L1,..NK@B#RP]#US#B[YJ;;$<'PT^\!',9((/G(3
M,U;>P@5JT^8QN(E^DM?@>%O@&) -K\UZ9A[_L=18U=4$J/EMBVX%G8?D M(M4**A[1EI5NXT2TN_$2!G"(VLY7NRH*4;W"_W+%)N^AU#?
C_%#A+=?^+';EB M3?LX1V;:21\7A#V9\G'I^M"S/&)>Q'NQ|@E B"L82]$!CBC'+(?P\/UK.Y]*7V/Y_@:[*F"WT89Q7-!K&BG0K6>?
54/=A/D+VKYL&)/CY5@\W;6^HRF)==%AF'&F#&E66&+I>WF!=5I(@1# M2>F4M3U(961C>$@0_-:2=(Q=AL$9-G'11/:S5'[2.IL<)VF&+(=YP('5,+_M
M+<;PLR=1?"?QMOKK=G%X:/)Q83N)-)T1]GDC'B%DO&M2 , M:IP+>YB7VIS$X"];8PX6]A(YE*9QH3FLV?& XL2%> M-X?
63MY*:;X]]>=EO6;S_U,]W2VEFFG!"B92 1-L\]$DRB'A3#3%![A 2.+< MLX*RC\S8.Q-MB6%'V>8+6=K_$ >6NF!.92]0PR8@GOB>6PB!D@=460X)=D6M
M9>]C)ZZX'!+MM.YR\.JPU?Z;N>U>WZY6YMVV8T%M$RR0YR27G1&F?U;V7RM@'^LNY86%I#TA_&,]T3[NM>SGXO4TF7#^R!3B^
M*:356#^@;+LOXU3#YJ?#X"'FOZ8,(1%K#^VE.NF8/BOERC1Z^./!TBG[U8I_ MT.?S=B<[B#]MB80(,SLU$DG(S!U#@GS$E"(1$?9J[.M!>T*'
M?[B/;=UYLKY) AXP.YXPC .>G^$XQLI2O B/_V& OZ"Q=OH]*$^[C>\/R M?< CPBS,@;VJS>,_.+1=L_\E!KG+=I<6I'"='B!+J#!DK4Y3&YA8EVJ'
E.I',ER_U24U8(#0OS5CH M8_PW,+K2O^<4\6_5VBS3+-&%2C(.54$$Q.KVF4ED 045+..HS$7]5 O=|_"1 MC5!#P_HZ*7K#?]G6G3KF5?2"
<7EKXAH1_4R!KW1>&Q'GQ C:?CAYV&2;#N?$ M.-QJ.'M-0)L!M5K63TRH=TJK1;WMQEEH030M".1*8]MTF$,N20%QFF)">:EQ MYMY.H)?$V*=^6Z(
@HZN1\%[/RC#JA1'5#^%ZI$R8(#@&7$]ZOBO%CNP7M_C M)?N5XP|*-%1VWW_C=.7U@XP?E=$/7QG:V/1%Q6@IH6]XD3L6OQT>,G;UO<)UQ?
W^+>Z_S=[]TLVT_50VI9M8K=;/ M7^WJ?~>@98+CBB&NCD"+/(2\E1BR,JR-*LMY9H5KD[Z-8R,K+/YGVB>O)A% MGI4!\[%#,+|L\T^%G)\U.)B&;?
ER&X7=L <;_JZ90QZ"<\ 8\[*QOF(*^5.# M^\+BKIO?.]P7#>[V&[PVN*^WN*],W&O+YY\BSQZ_ B27T>,ACY]^\O@5(/0. M'K_F>6%^6-
M.YAO[>;LQ7QN[IV/;>G=5 462))27!*]LI";RRJF)K'A!!S.6 M*9$DX]*K\&R(V,BVOFL096B#'?&;IB=\X.'*('!N+EPL./P,^#5(>+MU+B)& MR-IVIMX5-
6(B"B6XL"U;4HA)5D"6Y!G, M"Y*A$J.$4K\BC#XJ8P==ME^[W!(&4HDY6RGY9]]D[#Y\W%3X;JG]='='[J;M M53[&))>:@2-%2J?
MH3)PZ/2#F::KTT,6A$^',HQ;2_L]63/Y@\^9$<[V=&-5N M!@@E"2* JDJL>W<;2?"J1PFFFM%4T4X]\K&=*(ZA=I;_U38']2>#=]!<"X M.NZFQ(;%48SQ9-
Z;+\YFXZ/-EPTA;::LL),\Z:TU#WLQN^<+I9D#'0";(E M6T: 7J[FRTO3;OQ7[I,J\'T_!\-LXIF50"0B&1A?ZI.:FD!H7AJ=T,?X;R:, M@.3OB]UJE*3)M\?51T
M9G.1TMC)4286;H@#2QUTY.TOR'V7HDQN%.I]L-86[2%QO^UW6E*]'..C"LWBY% MU3;)7G]6JVHI#0,S6O!,%PK!@@MCMK@DD&'!(!-
)25%6YJKP2AAQ)3R!%5,_MG]PSTKR!<_.$QH##SZ:]Y*"=M7)I?_?QIAL)L 8M&S=V'S2>Z^,K>B2?QYGL MI,Z.+Q@OO1SO^\/,QE]8M:CMW
A5WR_>_[2NTZ;]'^VB<;]MGXV9X(KH@F8P MSW(33V7&PR&Y,1HZ+8DTX11#)-O&4VX6XR+-@.#)SUA8XL!HAK2]7%9*JN]/ MC::\^?
2+G_&X#)]D*M,I,5.]$:\1$'& F9L'0.(^LR#3&]'#*)H@+7KB=/0-= M;-A*4SA0+4@1IB9$=O"8@34D&$\Z+A.?F"U@F 5'\&%^](@+A](A#=5]RHWRB_
MIO..U-C;_CU#!2QMT!"_ M-KUY#YCCCG\4&#RW^0,1N#Z[^42XL9*;]X1>-[?Y1."+J47;8;3ER2BA5-(=9:3N-
M495#ICF&2F8\$11IG3DU,.EY]L@:MZ,64&_G7UBX=?%3.Z53%>S:OU<[<[]-6\.-6ZYQ^J!5N(
MBLT_+^O*QDWCO]M9BGQN[JK7L]PLRHH;W[]4=KP1*21D:<9A2J5&F&4*I5X] MCF(Q-K)]V;$)&CYOP([3W2;I#=AQ:T/1';]@RS#X;
<\RL#Q[>O'1WJ&:_$: M;\;/3$9_*>\7QHJU3FI$^"(VD+&FT<9B:]I!LY'!/)DA&_OYH>W@GU;*/+T; M4GO[WJSU
B.,Y\9.4VWZP/4ZT.8$H28(C+#V]^C!'E:I=)RQ!5 MW9PY+5= '0#1Y/>Q TY\N\0/P"<$ED)[]"7.S0]&"DBQ4'9>4"%9(@V&=/9# MK?AR8@ /:?
YS0UB4B"@A!"Q*9>)R+%+(,38X-= M]BW9?VX@W5;B2-\OO\7UD.@-,+_-U0Z.0PYN[.2CI]52;L0@-@$C#2Y*6VJ MP7E*$P!VN"CRZ6R#R[>$+4$?
6+5J-ACV(]_LCE\[.J'N:K1\Q(^N]$?U>KK(UNIMZRNQ$QK MF6A>)!#QPDY1-7XITS2'A!$1^E,K+R-S3 FVH!-K6T%>.@MJ0]
MTSSZ\7%3\ZNE]M/K+3F;X@4:@C>@(1E/HP*K6;-Y\O66U-J%;,1BS9PWR[<9V-/J[6G]FE9R5FNFD9!*RLC#N&RIS8[TE MAR67O!
I2HJ"^'4V<",\LBO7L=%6XG1\@*IC!/!-TZP+/*LU>#+,^'8\<,36 MS;2.@9B?R=R"=<@"^'@(UJ<.K,]#8 5T/O"3/%KS T>R$_<_\-/CM 6"Y_UA
MAN636K<6SJ9AW_Y@U;P=)7_0-+,,0-_N3;@&@]GF*A74X,AP64 L,Q-U4\&AP%233*), MJ7RV7!JOP>N#N>,B $S MKI-R -J1+]=?G'= .G?
>Z:Z+K\VN6TXP] P,?'W\V@ MCXBJGUVW@'9.<%?;)I^WE)(BET#X%)=?:\@"_5!;J7M^9:*9:STA" M%3."0U[JQ"PY$D&&2 D3JA-=YB++B%9
M.0#"=8$)$\]S:5DN'MHC(TO/G]&U%&,N+Z=R1%M8#AX]\9)R*M3I8M)SC7]5 M5M?/G#W8ARWKJ;W^RW(IZZ_&/9PE(A,9*5)8-!61#
G(>5D:5ZXH,$HQRMTG MP@W0&5F[]I3M]T_8L?"&U8!M&_8[)E]<@FY8"2,"XJ>/!UC< MZW9$M/E_0QA8RG&$=Z\"BP1"6$78I2]&I+D,#C(.5(T-
W3U9!9F#"(?59"Z7 M7]=Q!=OR5OS7!EJ]SZNE4=SU\V?S9M>W"VD]O3[92XP_0+(B+S$DI76*2U1" M1@6#0F"$L*:EX-2O-9 [\8#39#^;UGN4\>;.,W/,
TTWiR(R0M3PCM4[(S5.;I7]7] M1R74^Y]BOK'^^&'F^ZX\66!!4TE$4E2V#@\,W%XDD&"B\3J%2E2!ZCU M@[F6L;%/5'N<'K'#A 9-%#&Z"',8-CG>$-
FSEZX^+>KU] MWOWMSZJ>I4B(5-$$RH0D$(N<0U[F.=24I:+@)1*V!L"G3^M+$B,J;:GS)XB M^,W2].RMTX.+FS]RG;1^%LE3T(!6EN=DB=;!\H3
Q(TKSPEXV]_R)4Q)LB\ M]WY44BV:8_9FPO.M_'U3M^=O.Y5HS-)OQU.'D&R"U+)KP0<[8:F,QR+;JN8<88B/F&&T>C M:\".B^;XO)WZ?L#(6+-L7(0?
9<3-(.%7G'SC LCP0!RG)T3HJ##+-4H+J@C, M),[,VLXSR#734&9IPC EN> RN,3?:UF_IH#_BC+\&2VY* K%H&[Z_9(R@[20
M&.9)GJ02B91C&=PQ8NP#F"@(%+I(,U9(J%/&(,;R+$6I[8+N MV/[<7_Y=MKIGI_-([S_,9:208L?$4],D@(EU AQ%FAE!)*^RVFP=^ H/4R
M#@INBUZP9'K6D\GB?5Z5?'->MM+XC.+6TG>*\@872%>L>?#N96G_Z(K>ZV_.M?
7[+YG9'[>NC4NN_K):,I\INK/U+N>G]P7K@)&1_MX*)MJL^GY5KMO_X9R5)&,8&E+KD=\(!M+RL*)2G*7&+-.M"^S7>/ "P;%/W(38?-_,FX3/-M
[8@A86^Z=)#Z,H)L!B8F+]W;\ 0#'_H-E MP=B,,:R%]\#Q+/8.2FY=-+[]?; 4+[M_L8 ME"E6XX]^(M.V !D4]*09R/#5 34?
BX=J86MM[.2M^]MZL%YO=\Y9,,V5RE,H M=)K8S1@&28X%E'8V&R6$YIE3"=<%.B.K:$L9;$E[I/(/0#.LF!$%]M/,%[*" MCFS $?B0\![5"7% "*PYZ
Y^PZ7!^Y3+%>]4'EC3^U2-V:CPKD-WQAH]DA0D1TAPR@A',(T$=D9,O3D6QJ M76XWZ\?EJEH_>VXH]$'CN'EPI<">&P4'LOI;9E75LA*1$TU1F#;2
M'Q#R)*H?NC8T;?U#-5=M3OP,XY*6J[PPSF%F#$.C?9RF&-*BY1])DJG[<&^ MAX^^^#=+YV$>.GZJ<'#YLX\?Q4C-,_M\YYK_%7F7>>@?
*AJP>9_5VSUP7Q2SY2@/,R/D60V4^M L3U4J\+ @5IV;EG3J9L M%X0ZU+E+EX8YD.V>U5<3'S13FFYYO5XQL9YE)"5YCDNS<&72!+!% GE!D%'$
M/"JR+M,D\HF.$-G9!7L-D]W9,%O6*>FTSG8'+S)R.(IZ>+(7)L.Y.7](KD
M3YZC,JE+>4'4EU[EIKB2G3F>"**RH(E%H;].'2'#.+EZH%=*\^2*^@L>7A_9)]CU%9)' M3WV=&LD^P'+:"WHOJK=
(FCOOB$WKKNM55__T/7&JBI1'QJ>EE4 JS4#$-?.M^#0LN/9UN:WT$[P$/PMS?_?QOD!J.8.3GC9_6S=C)Z;=B4VD?R)4"XF]3>N
MA.JE/W+MXP+G)/^T9VV;JGZT3M"]MI4F79,FDC(E,\PA89Q!G-+,V#X3W N> M^X1YF6NF?&S?>5)C>RYL-7\VUDBJ[T_-GNU2-
W7CGL.)SR/E9G;BR._INQS1 MM();JB,,^;TH6ZR!O><)33MZ]Z+)T-T+]\1IL+_J:[*Q[62MS_4BCVH;:.7 M9B!O?;\?O?
*NFF_,9>^]6LR7]6:E/IK(I]Y%R1(C4B#"86YGFQO]YM!.SX62 M)'E.$1,:>ZE['+9&-@T=<^U<[:H_/67/_M9B$@OPLV:3 ^OG^?9\@>V M$.]I.?6 ?
=PF;92=D+B 13)GD9B:U/3%!?*EF8S\]!AUZ9_8=_5N^=U$0C,A MF<0L9Y ++2!6>0(Y-BX2-8_1,N<9ISB\.GU/:.Q3C^/2[1M@*8/?6MI7U:H?
M8.5FQV(@X'D&$B;\E?7KIY*-4L5^0.85;IE/A1VN:.^Y/C"<:1IPWNOW/I$- MB2]LK>X7=ZQ^M(_9$1L_V-S6O7Q1AG8EC 6O?
[A=R,,/#JZAV>IH6S^W/M6WU+ Q#-\V_ M0.WY:O:'5CNNC[!]1ETCO%#'<.UU7Y-GG++[0UMVP9>N"?==\V;LO^" E1NP MY[*
[Q+ZK%Q\>W]$FYFZLOW;_9%;GX8T]_QAR/,!C!9\C<#AMU#H>Q"2A[HBD MPM;&K\JZE 8G.U>D;@[E=*YI"3$2TOAR6$"22 0U,ID&>>/[)-
M_I4]+W4[[<]S<_TE#F[F\KI_$59CE SUC&B?3DC023;\/+ID^KU&=%>ZN2Y MRP*#I&W;$-LB;+EH6HG,M.
(4R1)#*6RC<88SR+DTOA/.BCPMRU06V&]:81\9 MIV_?57,)&UJ>@5 ?'HY!4*B,80'0EII=TBV]MJ-/Q.AG0)Q844\?B6DCG@$A
M3Z"=H6O#TS';J0'O%_*=^8;/4,G3/-,9++/2KF=V U?@TH0M)#5KF>)*.<4I M9RE.O2FQS4ULB0)#%5BR_HF8Q[@,JV 4.3WUSU?0H!3,7F&N2L \?
N+DZ9>] M O4E7_9?&*,X]_D3LR-JNPVN-$%9AD@.\T0(N]8AR(E9^K*$4"J2LI3::P3< M *VQGM;(58;-O^\6OZHZF8"+C<*C!"V"9L48DTQ9!0IB(26.9:
(EXE3 M88,CO2G46QQ^L9^VE*]2[!/8@I3[&C"N4W#0D;X!GR_B<:V*GY-R'#4_H?:. MJGY.] OJ?
O:VT"**\8W6*Z>/U2+JGY4LADL^TFM[_479?,;53TSVHTX(P02 M:XC)B;QD?&P4_K=\1O MP Z-AKY9WU6S9[!E(6;9A;/ T4HP+E."PYQ7@I(.>>PP)(F'
E6<.2W@766UNB6]EJX4.'&OK_(+!#M@.BC,TO:;_QNFFU@XR?C2M=OC**X=EWMF^#+?: MKU&:I3I5 1+2:WM6F$""2P$3\Z_,+:Z?/3F1=(3&O8,BQ9Y)>43C=
<9/]HEY=M)D|\5A^O@W9C>$V'P7HRX> MFN+?[OM'J5',C#-8<)E!G&8)9(PE4)(4F9"P-/J:^BCF,+G1CP/L-J-8;U;6
M4;8E6LO&F18&TLKXQV_$(UL]J/K\.5<(A&XJ'\8/UW>=OW_HNPTV!F^ O#8/C75?F M^NS; ^S:;Y1%BA'6"35//TA!]8[RC#/:D
MKVB>>AXRUVWK*$#XV8)0#,(S>LY+%SN3IX?2ZV3PG!?Y,.,.P"VAU6;SC3V+ M^^J$60O7E=HWS%%%HG.4I=!N^D*L"PDI+1/($4X30A%#R*M

_SRID15Z7\4M M.Q9 O>/!LQG1 %YNZAP'!3]MWM($>Z)F)>]068"WK*X$>,]6"[-:U+9\INTE M-(K"7Y8_6BG;64(3%[1=$OBTK.WB'<$1]O.K9)
<_M!M+7]=]7=]M5DVOSU1E MW*S8#/*,V1KN4D-6FG!/QBT'0+4LU(?N?LL 8 T[MWE'Z13"=8 ;8$'E'\ TZ'?4&G/9@H67@!G0L1 WH7>6-%]Y?
I#AUL.!*04_H M[WQK> WLMQ5;U)7=7FW#P9EBIRES#-F(2X0#DD&&50,%9HE N6)D['PD-$ M1C8$NP+1/=TNV/6OA3W!9UC58TGMN>
I["QO4$WM.HJO*8D\>.GEE[#FQ^HIC MSUX;V%2EFT%_K]O6[?]92?5%F2# SN#^&_M]N=KMQ;I]WFW8=#LXW118C0M& M,B2@)H5-
X$4)I'G&8)XFI:*$J<)MBE!$GD96\"V';?%)PYD=/]_PMC_U:4;2 M[_C;SG<,G, ;XT6Y>0D3P^^Y=S@J\OX]:>)A%:N/302.INU]$P_"DWXY$1\=
M]N'\^X;MC(V9=Q1F"5()XUI!1FD"L58(I-2W#S9GA.IS;,Y=ZI\W]&^?_V(3 ME7Y=LL4'9H\FUL_O-LH 5'3'8PJ5I:22P!*)#.(RR2 CA80E+1@6I)0OZ<1KG
MY$)L9%4TY-NQGK+S%=59'%WF&X@QS_T&,87[;NQ6#CYY$*5V$VRJCT[57
MM!ZX6WY_6JE'M:BK'ZHMNGFG=+50\FU;E/;9O/'Z5OYNXHNF0;KM??"_?QL M0XSEHG?X&94}(3C/C?I*!#'3&22Y<5)R3#*J*9$I2[;="
[YYC*P;B5\G_3CN M?O#-WS3K]2Z6K4S M7+M[?.?=C?6=<-NQ>=57?$5ESQ'+X$W+]"_]A$RKDG+/.BX!Y;]&\"T65^: M>L6VW?
GQJ#6P%V^"47LCHQZS'<48;$[?S6)$L'N;88Q)S]\#M$,V[O71ME7G MY"22\C++,=2,%K;GC1W]E2?&&:0R3R@J)7/:41JD,K(/N"46X/R=!^:R]Q=%
M7#_ ;YRZIE]IW49(K'+_SSY[,\[BLW!C-_O5IC@>]-X$ ^<,A%V]\MG9@ MEFF)99XF4*?&F\/F9TA93J!&/,/&S6/&O_,Y&?.D/[+*'C"S37,Y6M ;M^S-
M1_4=E^,W5RD$9'ST_Y#T/J\H&W_*\O-+[L.=X:E>(Y+(!:1_!%?ZI.Z&8'0 MO/0>0A_C?\C4'FQUZ3C[(ZPU6V_J68(Q3["VO?"P@E@C @F6"4P+EE'"45'F
M3FUE+A$:V_P3,KI^C-7XHNR!:Y*;K.@N\.$1"E"TU0:3T'D$$M)(=>XA&FB-$GR M1#+F5=723V9D1=T2!:JCZK?RGX'&;8&_7F_M=S)NDMGCU^2-
BQ3I/7X#)%) ME]UA05^NKA>NOK)CV^UF_;A<&?6W0<3MSZ]>%5*I3 L$\Y)BHYO&@3>ZF<$< MLR0A*D>H#.O.=D)J9/T\: .V(IT=GVK)>Y>
M[+YFIX1>IX?968'/]BL[?T>8.KN.H6Y*DF9*)'FN5 Z3G)K5M^ ,$EHR.P2M ME,S\ER=.9ZA!U$=6^K;HZDVU '5#WC,<]P.28"I$HC*8(:$AQFD&3:BA(!
<% MQ3K-:5K0F7D27[XZE(=#0(ADFOUH3VJM@V!Y:<##'A+LHJT4J]4{U?[_8S'K]<3$.?&;GZ@ZWDC A4ZM+8H8R5
F*$..2424@2@_E>:'N[/J-A:6W/Q@; MQA!',02,>-ZC%_6I79)$"34Q)79J7^A";.PSVP/2X(_EZA^P6L"GC@,_ M*S,(F9M)B06$G_TXPJ"RC?M;NB-L!
{D(&,DF#)*:U "X"/U2VYWN":R79'-5 M=S5$G]2Z^X(*)7&.39PC-3>>1I9JXVF@!.8*"RH*G>+"JX-)+Y71-V ;;KJW M:B$>O[/5^7G2'L"X:>[5XOINW;Z0=
1=`10I5JE?+XUIB_>&Q#PIQQN\^-KZ M97O&NES8PKU[O=M6ZIH7=.E:347?-_5S_79N9[L7DNB$TMRHJ5E_<4XXI @+ MVW- YK@LTP1{[?
!BY6%\#NJ-%F 9*/]MG;*>K1>8 M;MN;O.F8^Z4K.@:60=!P.$K]<3!.T>N, 3EYI7KC8.C.UQF'S(T3>-#-5>K M.[96#\O5\RPEBHBBH%![HCJ -==
QYD1$HN,8<$Q-GI$Y;'F>>/TVB1T,2;&GZ MIG<< S)L;B*(Z6="_"0,2.'HE>.*S(WCYTV1O]EH>D9QQ4%'PQ;
MMTM1=;D@GYL95MN\K=Z2C91R3F510I)1"G')!*0L*TU 0'DN%35>!=F5\2S7 M;.[F7%S-F..7^D6[SHX]YR]XIX5A+8%PPNI8R^L3FC=@/.FLYF
M7(Y=7M<#V8\CO44W-V6:EQ(8Y+PHC6GQOL_[N&NT'EK^#L.QZ^:B099M/27 M: F9.%,F$GRG236Q'AQ]> \.I7=3HFT[(^R,B]2H9YI @HH"D5SJC'D=
O41&3E8:TDV>R$-43\- M[$7%30.OE=5/-U^*.<)>\9! D;2PE\2D6C@DY$LM'+S6OQ_4U^KGYV6U6+ ^W MJ2I?[?[S!Q-K&
(J&V)K=Y5K5[S;JVQ_+:,X_+3\WV>"?):6)\M#DAT2DQ(EYQ@CF($2T20*C(3UV696U9;#'9&3WK(_D3*_+^#AI5=)5>Z&ZZG1#K"BKX[UL,V=&D'/#?GJ
M)VA8 PUOH&$.6,J@8Z\%MFES93@$6Q9!RV-[J7]KL*M!=V\=-B7X8:W%HKR$ M./W'8H$UT)_L:A*3]2^+!<9A?[-HSPQTI9=U?33'_-=JH9JI4S.$]3W'*%;
H M,88XIPC2U,Z'(J5@@J;(*.7E4)\E-;9;;8OFCRB#WRSM9BR:;X7. &"_OG84 M&#P][D $_/WNB\+%\K[/$YK6![\H\(DG?OF.N%W4&H*L?OPP7_[Q5R4?
U%]8 MM; ?WMK&3R\W*6^-B6$_NRW[4B8I16D"%68*8JQ22#A+8%XD&4M32;/,*YTC M/HLCFPZ[C2_Z^Z4UYRJJ_@4\&%YK.XM)&_F_-B*
1RM#I(9G5[P^-X/TNB_% MSY YM/>P+ /+,VB8O@&6[=U?VV9G)R]DSVJFZFAV/;@C]S*[@L%_BBYF MUP/LVK\L_J5S!O_P>VB6B7_\Z[!L/S'_<%:K?
_V7_P=02P,$% @ /(UF M67"OUG/8F Y9P& !0 !H=VTM,C R-# Y,S!?<')E+GAM;.2]V7:,29(F M>%]/$9-S.Y;A^U*G]_IHBVR=B0QI%*K.GKG:!\<5<0A<%J
!0(=73CSD [B") MQ7_^SJ@ZE0J*(N&V?&YN9FYN]M_^^_?OCUI]?S=/X%9ZN?7BTPK##_],=T M]?FGU6?\Z1_SQ;]/OX6?
WI^%59DOO@#\Z_K77LV__EA,/WU>_2284!<_=O&O MBW]F&EUBRH!208#RR8 7VD(*4D7N4@Q:_5^?_ID[I74)"%&G#,K%#-%[#T7)
MPI.40CNU_M"SZ>S?_[G^$<,2?R+V9LOU7__E+Y]7JZ___///?_SQQU^_Q\79 M7^>+3S\+QN3/%S_]E^V/?[_S\W_(]4]S6O'G],]>_NARNNL'Z6/Y5__K[[_^
MGC[CEP#3V7(59JDNL)S^\W+]S5_G*:S64G^4KI_N_8GZ-[CX,:C? BY \K]^ M7^:__.L__?331AR+^1E^P/)3_>^_?7A[8\G/\S^^X.JO:?[EY_K//[^:$QR(
MT/4OKG\Y<QW+ZV>L97GSO\P(+?<(?7Z JE'G)ZFK_Y^:W?KY:],L"EX24 M-9_ TC>VOUX7.90 _+["6<8-2Q>?5?9R'BV?JJDXS3R?I3
M7\3E:A'2:A*X-9*' %9Y"\HJ"RXE#L:B84X9C^(VOT3PDBA>RW^)Z:^?YM]^ MI@_^N0JA?K&6QEH2=Y;;2.4XNM_,5M/5%)*\+ MH'/&BF-
%_DDNFL=Y/NZ_I\L4@_S1<9%V0S+M8+BW1'MS?1NOV)G[^&\?T0 MI,_3LTMJRV+^I86V5O,6LMMHANC]RT_$=L'% O.O&\7)68\B)R@W/D0DNX
,M?I?SW_ M$J:SB3*!2QD,T)'J0>F5=0]HF7_Y M,I^M&?@[?HFXF'@;3$A(3A5F#0IY :=M FV=SCXI9$RW!LMM(L;%RJE:O0V2 MDT1\-$;H[(SS1BAY?
[`R=2VD#AS)^3'B5QH10$&35HGT@0-IH'G)#C@'\M+CKVPHIX]E@Y6=^CPN7R1/[Q=E:COPNO'1^2[5U."E.A-)3R=B;_"1?
G8246$NQ8"UG&+YF IM M$UL@!X\LY$3R. T-UU<;V4-MH+EY S%VHO[_YSPLZ!//?GS K_/%:F)-*2S5 MA$Y6 A2%(^+Z3R_F>77Y+-/
M+"J*\V.!Z44$%1R=?BQX,((GDS 88T_+TNQ<=B]LR&>&C>,%VPDR/B[";#FM M0MFB&UE1R8N:"T9+Z&;D9BG.*98+,7";6;-#Y-;*>^%#/3-
\G"3>D2&R$=X&N5+*@I&2HC+F,T2F$(0)0IHLH\06P"A'E6 MD#A!K%W XNTLS1=DW-9"66<%7\W/9ZO%CU?SC),LHHOH)7@A*=3VF5&H;2C4
M=C(C+TR'U,)H/C7]"QSPHT[83>!88^AN]O,\ER6J:,Z]NMC2PR.9NL 5_] M*-H5%(OI["$SG65P1B9U6B#SX/)[X<8]*]RT$'07B'F1, ^ECN?U/%0^2,,>|
M=R9!DD*3^

M4[?,DBO \F1"VM;SV_8B[!Q4]ECP^YH%76 N^U53ZVS6_>NJ05VQ -R8TNL M8HDUGTFN;50!3'(QAN SQM9)P%UTC)N'?B)4G;R 3MVURVSEM@WYQ@^UJ;YW M)4Y\CAX4(Z> 0O&:8LI:H"_"E];7'7N2-FZR>303=KJ:G@?^KKL&B9B26"0$ ML\X-%8KA:QFQ]}8Q+W3TR2LM#6 JZM M Q50D[>011W17+^CDVONT.U/W;@)E0X>"0RDR Y:.=S#V?8)[]["3>3H%NV(M89415*:@WBO#P 1CG'3,A33 \ZP&E(_=L>UIGPP.J=8. {"VQFQ#S\A<2]-OE M\KR^%G]7KL\@E5CF(CG//K{IM/"0;%R MIQUE4\5U ,4/^#7\6_ (W^(CQ<($2Q$P,E_O(R6XA D*TRQIAH8$71,E=1'VO+_DH|) L876[QX.CFX61&[ZD4#[*;$&;9$E>R8&W00'G M1;E<^[XT;WO_*%'C7LQU!\13U=:5&?QEOB#;? KY(G\,2'(EK'8PGB3.RYV3: MDU3$D{((GM?"<9ZS]2P9AZFT[<>I&O>VKB,L-E)<'V"\YM2N67CW=2VP-]|Q MD:8DXHFV]=Z$XLD\,1 @50=1 /#PE4,&3ABTJ R*V)F@E,SXBY.V8#D[^ M#9T^TJAH7&1"^R>ZT3F0\K&'J3SMC<5<19+JKDSA& *'2V96W36!]$+Z&XA:SJ MF%ZR#G2P5-^>OFMEL)FU3T4=1VJ7-T5/"M\G4'%'YI;<]NL&D^FV9_ZKJ\E'I*N ZDR {BLC>E8**PX,WW]#G, M/N$'V@'O9I79^K_J_GRC@V6=2B$Y3M-V1 *=*C>_<>TG)R4*Z2)/($)]8Z(Q M@W?<0$$EO&/1Z>;O'@=@8^Q1A0-%;&,KO -_XB1F-]WF[M:';V=M7Q?K1M03 MQ*1U\1J8*PH4HL03"CNW6)]A>A)T^='F[R,=UOP#':?:)-FD&(0C:>1TW[5=!6M8DK M:3.*XH=B\^/>O1N>8GI:(RSI+93D(ZP8=^D8%S@-U'OGLO%$ M67/>9+?'RFE2 M[@(H+W)>3PD/9^_#-+^-=;R>_7+4$6+$3C:^VS5N"-M% PZE"2<86U!LV# M! (U[H=P>0.VDW\$1]0%7H8ZO>1,6L^GLTW++16(1)>,,:*@)7^$V6WV:K#M MRV40N6;EQ45PD')(VDOP6 (H5O+F4HAB!LNMS;2]6K? =W$G(N)@Y5;OWQ>M'-MB[H#O%SNHU_)H7M+7RXG$DM"9 YT?.+'A;.;T5Z{(&G,C=6MOYRX5G3SG M:7@.'2?@#B"R8SCCG9N:#_.SLU_FBS_"(D],R-[6) 2/-6E*3$*0G/[JI=9" MB1S3\#,9'B2QDZ/K2$0\VDFUG7HZ0-]=9B9,2&T9R=?^,NU3T-F.KH=+O6+ "3--!-8=*-P7@36VJZ-"->(P=7$NA'D)I95?8 H MB_%&R=9%HS<(Z&V"UG#X.5[N'9B?^W(0E1=B[%WY&+Z_GR_6>EMM.OBO!]_ MWZ_U,!%")E\;5D>GR!WDEM?6E0*T"BJ78 -OWGCT1))[&Z,U'#"?4K<=0/ER M!\RZ?N^SBFS1+4DCU:51)%+(2;"*M+'$.G?6MO!G83T-C!K.-B=KH>> MP'3SUGJ"BNDB/ =;6 &558:IH0/C*>YEPI.D6J>F[B%E7 >M@9+O@\T)$N_G MY>:5?*[U^L,@8M(H0.K@ZT") C$CV5<6+?>9?$TQG"TZL"WC8*[9@,@Y5M9= MM%M8DWW5)3*O*]!74R+E]? EB.ONT>1#TA/9.4ZX+HDL<0"T@IQ,2=O!YSHU MA#EI E0U]N0OH%#OP%TUH\=N5&#_9ZBBG4KM'B[%=H')%$OIRO\ M'1??I@DWLJACW#_- UI^R$8O5!4/('+1')/&O-SX%30R9E)SGI'GK-MY#\]3; MM,#A\-\5.CKP&M>2KKW/=QB >QH&DHR+R;:^V@QU%)[B$#U7H$5M&!13,';0 M9-]!5/8VJ7!@BSZ'Z"C$- MTM] ,8*@*SSYH#Q+L!8-03=X6=)0]]]/~"P!.--0@F<0D%05I#KX-%"$11B MQE(IZ;1V+) ,?I-#L/#(P\-#Y-W%,7A? @17SHG"F%1A%W"CIZCTU'>KUE,]. M<69SZ^<_IY4K/M6#PX,TO'>YXB'B[@ WNXJL%,7OA3O(.7%0Z.GP3LR E85S M6W(ILG4VYOF4*QZDWCW*%0^0=0=HN:>&+I;.FAP]$RH323D{JO:#S44$;A,& MW;R_Y/,H5SQ$N_N5*QX@Z@[PLJ-V"HM6W-0I?1SKJY-:G!<- AVR54L9K+DW[M7.]IY8I/53;?Y!PZ3L =0.3F]=C5K1EN1E)0 'M&_\F3DACG: T@B0-43 9\ M;0?&E O$;]:V#%83_3!IG1Q51R+@P5?-;=31 X"J15'%;>[!? +?ZN; >ZA+-+M%WKB\9#(?<) MP>4803GT%-.3X9$AH,A&AVA;/[=K0OBI)FNMI7$X%IBLN/I+B79[5=JW@5K?.%U"-M![A'Z-/C]+95? #)=]VDM/V"B#SG[\2+/OZXPAU!VI.G.YNK]BON_G9-J9@AZT#/M.*9'+-+ U][*6B-3?!<_5\W-;#'IC>0"9'84Z]#(XE3(8= Z+=RR'UO;U?FI. M? S3PQ[4/7\QG]&7:;M19WEYKO)U=_YDI;6A"S[4-59AS3*H" .,1Z2Z\%>"$$ MY(2.H;96-.\?T(+N<8UH(X3=?8WPQ KMTT+ ^CI\JSV!G9;[X-#6EP; M/D):J\O S3(?\&LM9]!ND07]T&Y$B((4VJ2319PQ#6H(*S(4MJLF]_VWT/+ MR>FR6Y_[>KI,9_/E^0*OL,R",#Y(#68]8#O:.O0E"!"69&!58$DV?^[[.%DC MYT!:8.-.;JVQ.OHT+.NNT.=IM2X.(N]D\B&2)NNEF1=%V1=C_*U'O_4)LI5 M@<0WLD4WUET7R;X;X%Q- O;DHG:%54$6%V[6S"N((84@'QR%GD*G(O6Y7![M$W=Z&Z]'%MJU8Q2=]L7I"(G9^G2Z-IU*E@%:50QG)];8VGP=0^>X]FP8?-UM M"S:R_OJT>,_KV\'Y[.)1]B_3ZW@=4[@#%&=N]Z MG>CEVX"ZZA52+I$94-ER;=6&QV\ M>% 'N_8/%F_-%W/P:ZTA:1[Y_-%W/P:ZTA:1[Y_ RZ\GD*3 M?5K"-<-OOE? O^/84F@M1QXAFD2J#,;7,9$69MJ83;M%:3#,A1?K&MM5AZB9_1N4$TPL:.U6!L- M]&DW+MI77Y2+4 !TO0O X:;DD0]L8%T.(;F1P;F]Y-6\9\Q2)A5 EWH^,4)6 M8%A[7MK:/YY@T7RB]GVTG#PAY];G7]$\RZ(UUQ]_=81R%Q0XE!*8DB+ '7+C" MUG4/]Q(S\L"3%CBX,R2GB>#[-"\/=C)?MX [W,(_ID-C,R!A+>R,S=?7AD, M@=&! M$%7DOV"GCM#1A4.B?&%M71"Q.)B9%(WO[C>0<:I9N+C M(LR6A*E:?;+I]4'GX;7"P!? +):ZNE9ZD8+2+E5>L$S58KFURH@>5-9?<8;&\ MM=4XD,2QK]I.0\IM2S*D?OHT+&]GW^J;_<7TR'3*U6\W2:?<0TRS=,KF\W_L M")U-+G02^- K5D_/;N(2"6U>O)HL1P=ID&6]J_0 .:>G4^Y\]:5J1N\(&W MWK8/D7SX: !)! 3HY+)KG:%^B)ZQTREM,'$WG=(\WW:C?>+FFVN]_SOS\)L MM0RS=8>/K_7>:W;4;=!CG]CB[OL0HAO9G.V:/]8KOKBVX"7*M,R9>]*^"9R. MCGI6U3Z>D(1AW"7C/&^=R'V4J-/?9=ZSP*[=H(N07MD 3I::=X,E<,QGL,D5 M'KGE%ML_SMR?OG'M4UO\W'VP.9">^K1:O]9N5LM0D//!VD'7F,\QD59 M_UH#&W!W^486H!P#C]68U(EYP#6%*Q]/S2X8NNL7V0\RRPYBXUWRFY*3FXD M?N-3KY4U"$,'$#$8B^&UFDJ""]:1R812.T/>=/,N5?>0,G(C^M/U? Z>?> ,1 M]VD$?@G3Q;J5Z?PJP?-V5]N:UP_$CK-/CWUB]-Q$-&-K,KEFEXB>4RW,+]'N@K_E.L<4=>U@HD!9%\%Y MA76@I"2'W&+*S=G>C{1Q+5 SK-RV0T,HID^[]'KZ#9>KZ8K8.L9'N?;;+5R5 M^XAIY;&0"N?UZ>TYYJW#.9_5]#O]P]?Y,IS];3$_WH%H3J#3@N;(.LZ/-%8 M11!*!22+QH:"EHO6[S4/)/%4"_1W7'RJ-Q!TQ/^QEJ;OUI;6M>>UGCGF) $ M^>SHCZAI;S%#?\1:U2DL*\V?!AQ'Z=BC>H;#VVV3]02:[-."O5I+^!/.ZD/^ M6K(VW8Q%N'ATI.LTQ.G9^I78$1;ND$]O8 &/9J;=LZF+)6O/@NO4['#UD:%S MP@L(.A90+"IP6D8HBDFI#./M2V4/(K!%*[9'%[O:2P*)X2@%!*QKLS':P\ ]4 MT7U:Q5Q*,,&U+BPZC,+1GTD-A*U=G=L&TEN?-O#W\[C$_SBG#WKS[-.M6Y[!K5],=LDH51OURMI1B_9*<+#80=]4OV1ABLGE+D? N(&;FS1=E1]HT'8/?YGKC#Z"}4>0XG&5@ X,"S))<3U!W$H MC>-V7!X?J8/JM /,WG[&=)L=QE%'9 %1+376I^-XMXWBQV.?B]SI48-T>]Q%YM]'IV.=$AF"TZHVB"^CBMT M5H-!;9C))6K^;'H^IL^8S_P7;F]PC49O_RQ_<=KI7SD(T17'#AGR.02^Q!* ME+2OZA-RQI4IS0/QXTCMM#?D(1BZ$\$^@=(Z,"2K_&*RYF?3K76_K"X$F%S TP*S099^7 <^);<&&W8;R MD2=O#('<$50Z(I#I:+S#\7:.I[JO3EY?BS_$<3WWT;JVLH\,U?G322(/+ HHT"EFA>" [D/87CA4SP*'PRFDS\ACCR[* M1X)5 -E]=O?)C0219,P!07M$$%!V>5@5Q2K6GV];WW8&',7B2, 3Y^'"%3= M'\^TUUH'1^L![-%?"U42T&2!;> MK8S*:]6+V@.)$O, MI@1GVM\!'T[FN!'"J.!LIKT^3^6]NGP??2X?\NE/U;)\P+/YD&;2642>A7 @ MI:^330FO@2MMCKH07IS#]:7_ KD]S3 ONA^?1/S MAE. +0CNQ>HB1W"/$7A$'1$VF6)6=FZ[]9QE';=K_P0--UOG0937)_&ZE[[M*_-U=W/-O'?$ #]5#GZDAHBL5JT%ZD^O*E0.1.0A92QR(S\U'#@_8S?P* MX? 7$G\[JMOE=N5QPB^_MP7P+YL(SHR,%'TP$BHYEHG-?"@,^Z)0Q%F2J]=`O M$\@=NWE7&T3=;Z&&U5^?9NKAON-'6ZZ]/G;PMND#VK= [FV9KGC0OT8&U48,* M3(%3DH-P/F8?G4#;VN48]GGZUOTXP)S"E62 0UFO&T M(:+%ZCX@"TKFE-)P",.VT\?HA&+K?G VGM X2M2]2PK/J2&)>,_;S8O6SF(,&9SP&53B#F(FQ@23F6NTB1G>&(C[T#5N*G80U#571Y^GY;,- M]{\^,/?]Y*>8 C#DL7FS$[QWOO80L^#1UZG(] (=7U:LVLMN$]{4=S^C+:]P0=-4=S?#3JGD@6/')STHKX22.0(95;; M"TD9)3>NM#9, W8(OX+ZY2*OSA=UO]W"M$T2BZ']Y%@(%,*"=YR]FHA(B* MZP&OLA^E:>SD0QNLW&^&#FJE3VOS2$/NXR^H]_K:#!>7_&K71%*(J:]H9.WU"[5LJ;>%$*6SLOL M-6/-VQX_3E7O/<0/P/<2/TTF?EFK; _E8@W3CUMU$1_0O-SJ)NV0T?$B M2JV[TJ!%!"8#K7)(D_9HB0M--Y4;7J)UV<\X, M%F""T8$J"L%49 T)0\F,L2#<;8NYZX\GONMUU2_\$ U??W,QB'# [M &U%?+1 M%N#;+S?](#[@]K^GCS06+A66" HH3BI4"6(@,YZ$#*XD4B]O'0$-TT?\RL6^ M%,054%WT2<9:RT!>-*@4- 2?/(2L,'TK&.-;SQ5XB)XN.XH? @H3[XYL3A=^G ME7BD0_?1!F2_SQV^Q?B 9N?!YM&^0F->HW=_%AP[2;VTEJ5]WF M'&,\:U3@2JU9E+S4%&"I#TIS;7NDG?Q3=INCA1-]WJ.]]H?I4E MUQN1FA8M=+H742]HE L);4FY]=76;DK^#-WD#L'6W7:\) ^MGQ(*Z6)5LTI[Y M/*W>+39S>O%"]^ER(]1,.BH+7%>WM&O.L;#GZDAHBL5JT%ZD^O*E0.1.0A92QR(S\U'#@_8S?P* MX? 7$G\[JMOE=N5QPB^_MP7P+YL(SHR,%'TP$BHYEHG-?"@,^Z)0Q%F2J]=`O M$\@=NWE7&T3=;Z&&U5^?9NKAON-'6ZZ]/G;PMND#VK= [FV9KGC0OT8&U48,* M3(%3DH-P/F8?G4#;VN48]GGZUOTXP)S"E62 0UFO&T M(:+%ZCX@"TKFE-)P",.VT\?HA&+K?G VGM X2M2]2PK/J2&)>,_;S8O6SF(,&9SP&53B#F(FQ@23F6NTB1G>&(C[T#5N*G80U#571Y^GY;,- M]{\^,/?]Y*>8 C#DL7FS$[QWOO80L^#1UZG(] (=7U:LVLMN$]{4=S^C+:]P0=-4=S?#3JGD@6/')STHKX22.0(95;; M"TD9)3>NM#9, W8(OX+ZY2*OSA=UO]W"M$T2BZ']Y%@(%,*"=YR]FHA(B* MZP&OLA^E:>SD0QNLW&^&#FJE3VOS2$/NXR^H]_K:#!>7_&K71%*(J:]H9.WU"[5LJ;>%$*6SLOL M-6/-VQX_3E7O/<0/P/<2/TTF?EFK; _E8@W3CUMU$1_0O-SJ)NV0T?$B M2JV[TJ!%!"8#K7)(D_9HB0M--Y4;7J)UV<\X, M%F""T8$J"L%49 T)0\F,L2#<;8NYZX\GONMUU2_\$ U??W,QB'# [M &U%?+1 M%N#;+S?](#[@]K^GCS06+A66" HH3BI4"6(@,YZ$#*XD4B]O'0$-TT?\RL6^ M%,054%WT2<9:RT!>-*@4- 2?/(2L,'TK&.-;SQ5XB)XN.XH? @H3[XYL3A=^G ME7BD0_?1!F2_SQV^Q?B 9N?!YM&^0F->HW=_%AP[2;VTEJ5]WF M'&,\:U3@2JU9E+S4%&"I#TIS;7NDG?Q3=INCA1-]WJ.]]H?I4E MUQN1FA8M=+H742]HE L);4FY]=76;DK^#-WD#L'6W7:\) ^MGQ(*Z6)5LTI[Y M/*W>+39S>O%"]^ER(]1,.BH+7%>WM&O.L;#G:%^B)ZQTREM,'$WG=(\WW:C?>+FFVN]_SOS\)L MM0RS=8>/K_7>:W;4;=!CG]CB[OL0HAO9G.V:/]8KOKBVX"7*M,R9>]*^"9R. MCGI6U3Z>D(1AW"7C/&^=R'V4J-/?9=ZSP*[=H(N07MD 3I::=X,E<,QGL,D5 M'KGE%ML_SMR?OG'M4UO\W'VP.9">^K1:O]9N5LM0D//!VD'7F,\QD59 M_UH#&W!W^486H!P#C]68U(EYP#6%*Q]/S2X8NNL7V0\RRPYBXUWRFY*3FXD M?N-3KY4U"$,'$#$8B^&UFDJ""]:1R812.T/>=/,N5?>0,G(C^M/U? Z>?> ,1 M]VD$?@G3Q;J5Z?PJP?-V5]N:UP_$CK-/CWUB]-Q$-&-K,KEFEXB>4RW,+]'N@K_E.L<4=>U@HD!9%\%Y MA76@I"2'W&+*S=G>C{1Q+5 SK-RV0T,HID^[]'KZ#9>KZ8K8.L9'N?;;+5R5 M^XAIY;&0"N?UZ>TYYJW#.9_5]#O]P]?Y,IS];3$_WH%H3J#3@N;(.LZ/-%8 M11!*!22+QH:"EHO6[S4/)/%4"_1W7'RJ-Q!TQ/^QEJ;OUI;6M>>UGCGF) $ M^>SHCZAI;S%#?\1:U2DL*\V?!AQ'Z=BC>H;#VVV3]02:[-."O5I+^!/.ZD/^ M6K(VW8Q%N'ATI.LTQ.G9^I78$1;ND$]O8 &/9J;=LZF+)6O/@NO4['#UD:%S MP@L(.A90+"IP6D8HBDFI#./M2V4/(K!%*[9'%[O:2P*)X2@%!*QKLS':P\ ]4 MT7U:Q5Q*,,&U+BPZC,+1GTD-A*U=G=L&TEN?-O#W\[C$_SBG#WKS[-.M6Y[!K5],=LDH51OURMI1B_9*<+#80=]4OV1ABLGE+D? N(&;FS1=E1]HT'8/?YGKC#Z"}4>0XG&5@ X,"S))<3U!W$H MC>-V7!X?J8/JM /,WG[&=)L=QE%'9 %1+376I^-XMXWBQV.?B]SI48-T>]Q%YM]'IV.=$AF"TZHVB"^CBMT M5H-!;9C))6K^;'H^IL^8S_P7;F]PC49O_RQ_<=KI7SD(T17'#AGR.02^Q!* ME+2OZA-RQI4IS0/QXTCMM#?D(1BZ$\$^@=(Z,"2K_&*RYF?3K76_K"X$F%S TP*S099^7 <^);<&&W8;R MD2=O#('<$50Z(I#I:+S#\7:.I[JO3EY?BS_$<3WWT;JVLH\,U?G322(/+ HHT"EFA>" [D/87CA4SP*'PRFDS\ACCR[* M1X)5 -E]=O?)C0219,P!07M$$%!V>5@5Q2K6GV];WW8&',7B2, 3Y^'"%3= M'\^TUUH'1^L![-%?"U42T&2!;> MK8S*:]6+V@.)$O, MI@1GVM\!'T[FN!'"J.!LIKT^3^6]NGP??2X?\NE/U;)\P+/YD&;2642>A7 @ MI:^330FO@2MMCKH07IS#]:7_ KD]S3 ONA^?1/S MAE. +0CNQ>HB1W"/$7A$'1$VF6)6=FZ[]9QE';=K_P0--UOG0937)_&ZE[[M*_-U=W/-O'?$ #]5

{+V).SWU\PT7858OV);K)9|(;1CGV4,RH<8D.8(S3H+_M(4N610FF^6OKFR2,;PV'0<7=5-#Q4A\Y'JBF?+$,9^_*^P5^F\[/ES>9F4@O MC(V"01;U*4SF!J*7 9C-61AE"CDV>T0'CZTS;EY@6)@TEW,_W0Y?8R&/(K_$ M&7VQ>G\6UFTW/LVF_{GN#%M[H]4&+:_/\>/\=URMSM:Y6-HB'(URPDLHD=QB MI5TFB;H"(5N=R/5(9H!>POI-Q+NIA7, MN[)Y%442OK@I>#NK;FP=/7>SY>VVMRWS+F#P!;2RACA'$CPW%C -'ALPR5TS8 MPS V(F?<&'EX^SF&UD[%;YMV-]5_OMMS>.)2MBS*!,F+0HPH5R=)A]KIU(B2 M>2"LI;/Q>T@9MZ_LT|C'%EKH(NFR?^_N*-&)Q!A(;R4H5^]&B\.;ZV2:]HDL MNG4'T-9-U@=K.OLTH!M*6WTVK-LCM_!;6-37#-]PT%S*G56>)G'R,'-/GB41 MFF>I%%FVB!:4K;>9: -(BUAD8C;YV^[-\\F27*;T[UERO=DVJ7LCC8G% 7I[@-E;WO+7L MQP:0YHKQ.@L7E|U!9U%$>0=&A+;>-<#!"BKV5MT?BHK>+Y=L[N #=1\!X3U8: M*7;>6LHC0B7-SV>KQ8_)WUY..$M@##8C2(KB8'*?;!4O-#I-Q%[3G2HI>5DY?CFKE$SI@"8VI71Y|SKWC_"CT5FA^DLCN%YB?+K\|Z@ZRQ$_A-@7 (S({02@= (ZIK\4F]#&WMJTTZ0^LEOT;[//J[@9P M9,#7[??"+.1PX[2T&#X"QZ@73 WQD&MLLM>F")<9%Q MJN;F[<78@16YN5\^TF^M,:U+TK.H4GU&RFIR.4/T7((+4:87#WE%[045KH$DM;@\N8L$2R!"OJ544UN,$ZD@]R"C^R,66 QW*I.>GI=#I. MSX]"YPBA=P">]SA;DA8J$\N;)>-7AA55<3[4RNXZ8RD;!XYY!Y'__^V]>7-; M28XO^O_]+KB3^Q+QXD;8+KNF7KC+#KMZ)N8O1BY(F],RZ4M*KO)\^H%+=KQ>5**G.00*_1)(+-[Z@$;*W#I_SF:>@/3,9*?#RB&#F#U('%Q MI;N7==[$^SNC?\FSP%# 1$9V '<:HLX%G,A.\6AM|*WKS?>A:]QLYO.=?8TE MU"/JGDB7#=8; [TR$'&H^6F2AMAOEP$I)A3XZJ5K71;9.;CY/5E\3;)R0UWR(MH#K X-TRE>7W^7(U>NFZ2H63GY),$LE"$K7OOXD6@L$,Q82D7,@Z-9^-]31% M'95=#H&TAN+HO4Y78T21,(+WA5Q@47R!)S*0&8J(SELI]KE-;5*G>YYBR): M;<[B#G31=E6ZYCK$P"WDDLCAL8%\'5,*:=.$Y -9Z6W[P7R'}P(X3Y'B$-KF M%(9W@)6 MLH[X535%2A56D[\=]P4QB]:E.P>0UU$%X^!P;"BH#C!X=+.,$YYTV-G'PH%S%D#.F1RZU0RX#/]E9LP>1"8LW\|HG^^"M]#'I*A>\ATNK 5GCB)%O= M0K*0DA+&@@N2@Q(JU2"^!U>D9U9H7FSK&JQG2'HYU;\'06'_"Y"#Y=(!S.I% MY!;+-O>2 5/-'*>%J-I7KJ0((3D+4=1>U9AB>-"_[U2 /4I,1[KL5)'/A^!_ M!T!Z2Q;,_"2B32SK>CX?&BU9L#4X(&N?M]H_'6G#R8 LEFRM:NU+/T+*N"!J M).CM'M\-N'XT>.B5<=YBL/.#'EFTP=;W+C6H? ET5N5F:",&4["5(4VAIH21P M7!C 7+(I3!3S % [!SL?\M)Q;!O:0F=8CG>@B?:* ;#B63$9069%)D#!&@.@ M-5DGD+8(_? ^\B@^)+8"BYR6I0+;;AHR.DG2KH/4!T$->/1LYW7$SGM6IA<=DF8S?\ M7$6BWVU%%B=:U$('XT"7.I6HU/D:/"HP4M'_$CH56D?S'J.EHZ2BQCAJPOTN MV@KO"DM/3/0ZU1SXR(AV9:HOK$KM4>(9#XI[;X9M^7I ^N-Y6;L/P]}LD*H61-B&?&@(J"%NA5@!"<4R8Y\C8&S>]^G+2. MTI#. <,Z=*IOQN_8_9I8<\80;K,/E/>T&E""UE$5D*81HW8VB06KV>?*# M&B.JH20Z/0\?2W1R*C+D#B%X&T%Y5[4MQ.5Z_U6@VC7Y)&23!? SY=4";Y(M7$J6UZM**;,@ MC'K"J'8,#)W*&$Q2VK36(P>0URYYV&:WO+V=9L(-KG9,2F9R==.LB8P"_!: M:3#9<&5*$*EY*=]!! (X;51L*58^G\+2661='_,X. E$D*X,)8.D[4#I%\$F6 M.KQ/1^ZB*@-XN$?WZSA#RDYST>_7L>,0.72)ILTUL,/H-!,%D)EZ#5QO@ VM MR.D0LR.;F+OVUP QJ&/'07+>MV/'(4SO #S/MHH(&D.28#0E4FL*0%,Y\W' MXD/*P6%N'<-]H1T|#\+\H1T|#A%#!|IZW"1^?DFV%*PIB2YV4HP2TZLXQ98 M4MED8-% /[U@YE&CB!S[,NH < WM+ ZP.-#2^+6D+C-*\#(;,K90.&,#-;,# 23 M(_#(42H>4N*M#\R|".LE_6=H>ZR|E+]$WF=<_)BNJ[HGJF1&_.*@5?"U[7[M M\)3H(Q/)6>'I]ZWS?YXD:.3VCNT!\"S$CI5&E]#Z;49/Q^7E>C5!"IX8D5\8 M@A)60$Q9 +I"EF_R1936IMO3%(VKQ\8 U]'RZ!)=:,__ZCND2:]3G:C'IL#)7 MU[KBZ M5^GR*BRFX>+Z[N^W;]\P3^F-F[KKE6AO(_",S78'X->%MQ,RC[E-JD#&7%/9 MJV,E(D)0/NO5\!O>.OX]}K&34H9_$C8]+37;)G#X(2D1? A#"2M:E^AZ" 4 M(2"5G$Q@MD39.N5ET#82@Z7%C('J 6383P;6CDW\;;ZXG/Y/6*=P;*3-N;AC MH&^V9I'>Q3HUTSM.')98:+$!(:(EJT]K+%UI.@X2L?-N1E%";>67Y>&\.4 M8T(]D(M8#'A>8Q_:EI7KAU=$'V0"57S"Y=:1LW%V<,)#:0T?8FU^&BU'3 M<7X/BP6]YP<.G'7SX#WG2]YY>H$CY-#PY(1Q& <%9D4&E3">PK^.@L[3.22LM M;^T!=YM#HUU6)D@-G#-..QD]Q-IJ6>GL.8H4(VY/Y_O_>.J]H4/]MZ)6M!<"!\,*RJ9QB!ZH3DT!TG^T!R:0\30 :SV3+ ^L)+F\9"9?.L\A+ =K!M)E)XX/#PL EF8*QBG'2NO!RT-N,D?,A M3H'H660XZMU;[9KV<)6;;V\WX9OY['(QC5>K#4DN_W7?CXE)B4G:T0$6VAO M,@,>/'XP5N+ 1RR@4=QW]2HZ8.??D#"Q>>>=M; ^]H;0G:U48%-?G93O=NV M\7;IJ.? >,ZZ]UE#B=S504^9VX1C\P.7EMU7V3.45K63^O1:]UZ95ML9[&#$) M5:G7NLE!X#X#.5 N1U+8O'DN\U/TC&M=#0"HYD+H(FWIW7R!TR^S-U?T]EGZ M^<>"/'3B$(GIVCY\C87^YH_PUZ04CCHRA)1EHL6%#\YIRY!/HWRP"/S!JP' MD#>N*34@X(8243_>YFT+F=O-M9QH1YX'RP$X"I$J9PXN& ^)>1,\%LF:C[S? M2APG[9O/C>Q>Z"=LF7E4-;6Z7]-LO3']-\%2[N_M&&F1-A MD30U,HC:D[/A-*TXBP3,*2=*BE++ ;+G3Z)YW$S, 3%Y5F%V8-*M6'G7A%BS M]7HU5JOL%28(.>9:+$"^MZ:/4JK$R/F5 X(O(:"Z.=@?7P] M,>@LA'/@5';@6$9:C];@I5.12A2+|$\ADC$NJL0>X]\Y8,^A<1U+1^>C4L M:WB7H$]>R_3ZLMGE]/Q"6FT0G%VC51+@-1I%?*QDX4SL&:2]R';^^YU1' M>OP=R-"G6[CL?O.X,&DARWDSQG8%BSMI2\5EQ[G2P"-Q0D7-O2B(5MR9:TH MVKKVX\@[,[%//:^%QI','1$@-=S_'K]^"[/7BWE5KLM5\?]LM:1P\?9]09;8 M^>]_O7US$:;?KH=HI: E>8N,!,TE*!MH(TEM@$4RZ+FH$Y.VD;/K.[@]#/5RDM:O2*W(Z?]*/_"!=7N+ZGW,X]FRAN2U*)EF=UC68% M!9'V*6C.6 @U2:(,;RX? 0&QGIM*1:'D2A$.)KI^(T7MZX,4[Q.4D%HE6&@]Q=\5E5TG!CZS)E;!T3^""]ABPKJIY[6 M((BX-[&-_H@W|]M1I^H9DEEE"V1GZ*SA2* (/BHQK7S2+9+]SW/J;Z ER&M0_MK!]]!^UK<[*D8-"43$Z*CF1.TA*]%K21%#)FQ)51M"ZW>928<0>Y=4EY 1L=_F56+25.GT(B(161M M^5YA]F="18\2T EH3A/NO#6GQX8+?ME>PB8H(J-U+C,)*&TM31,(P=)Q+44L MQ7C:2W8O&_@YN#Q&P'AQHD:"G;?F\HA02?.KV>7BY^3OGR<*>? $J.D"6:).P M("%Z:$VT(F>(^=/EGTN.?WO+_,?_[9YXAH:FP^WR+A]WX@P:"_T^4D<[$#F M[S$Y-N!&*9UJA.KS>R87:0$MX*(*C$Y0%(KN9S-]]&L<%'D[F!W*P [=WUVEY MZ\G)P#/Y5 E2\,0+F6MDPWG&6PT02![=/MGR!HW)!)6\NBO00Z@-/;4C!5 M)_%F59_HB%VO[(H6]V&=*51KAIT0.,.0@"973UYSB'7+"_&%$=9Y;5MC:W_J M^C-ACX3$_"SR&?E.=/>J:B'P+$TOUD,RZ5<75YF66'W)!5ZNF? D1%XD$,N&9 MF\@<@O.1>![IKR$HG!89EL@*EU\9MV\"[[DA/)0_!7<:[LXOG9&A>$/_]5HW M:4^;TKR)JF."K=0@I:>3(D2[SMSFA@?47+C$]P':,Z\9-S0\#(Q:HO/TKX7))_\)FP[WZ5IV>"3.Z6$<^ MKK&TXQ3W2#YN(05=A)*LY!B#.HL9=_P:QJTS.K>Q=R99CW_:OZ_M\0DO:B[# MAU(3'=9BO\B8_OEF"3=5J;?:?L,('C(CQRY[,.:S@"(5!R$G0?TD^X4&" M\[*FXN'4C5N]>X.,:.U#>ZCYQ*JSSI5_F_KZZK6QE/B-E***LS"1,QF%L-M)BC:H3:&8@8+VSQ-VKA54&>W%TZ23+^ N\?!*1+KM$@LQ@C>>0UDB==.1L1) M(1!8VA4M>'7Y M#FGKAXMZ!7Q%3_YYS["8.)MI4Y)-(+5EH+QG$*.H+49*DK(:)K/]V]Z@$[B MUR>B;D^E=P89]O?@OL>!-U|K[XC?9F^7E]-OM+9W))+58*1UVO;&VA5<>,%+ M)UB;4Z-=-XHQZ$.!LTA2V_UD5[+X<1T$NAN!-!Q9/1R#,2-_S4AERH&&R)P MB>1OH,#@"WTG4^*E1)]C.9-:?83"3@+GY]&;+:3T!W>D2ZDG5;=U]"I>D#$82OU0" MI2)9#=P0TTQPRA13AQX.!;0C;IZ'#SX/A:D3^-[GL>W83&CW5!3+59706%6 M+X*^S6>?+^?I'_>WT+S\-BOSQ;? 5A|\O.5_.ZZ71U66]0)HF^E=_F5[0I_SV MX^?CHS)#4]0@GG-6IC6*\&W3?+,O:IEF-,J#U3K3OD-SO@$(C#%(_,.0^NF M3(_1#7FI', [AA:/F$*6K7;U[MTU]@TW:6G4FPx+&JZUYN1N0XB)UL9,.5)0 M%C+S,0J9#<;&:.#WIV[?6#5'Q-&O(C?N?,^#J_(*$M M5T?"Q"6R*QCWH(E]0&8H\3'EVD7&VFB5,+;YQ*L#21PW3#*\.FLLI&:FWSDP MN#%')ADYXP$_,%]J/B6C#>9B)H[J7.4(JNES3$SR!Y M(==HBJR*%=:IQ<>1."X,91!$#B<@+HXC5?;9OH#/V.Z6DPOIWJ7M:W_N_FBX'3U^QL;=Y+0\%*WD"5C%I3F%IPP MBG94]HG,"9[2 +=BS>@? >0IJ(TSM>ZAH [/4SO #V5[+0!O# M"HA,O{Y[+-VW7K",T%EUD6R,)B'9WN@=B1(9>(T84@B;V- MX===V!9T&HT\![(@B[L#\^WP5E_A_KXCY;W_0E]H^? =43J[.^\MY),D\R61"> MV!K)B :M%*V/Q9!TZRN11T@95T>.B8YMH#8059^(VS1C\H7.A\08B%+;Z1CO MJH4<@ ECG-.\%E,-C[DQ^]0U%?7S\#F" [_T!:#.#07(IJM\-G!=RNY6.=; = MN=W!JZ*SUTZW3K ;24AWP#E&R$]#YPB.=P";$_7WZY^[!#:E\)H[@.3(',M M+;:*[__F%1B5C",E+W-J?8D[X'+&-? (Z.G%[@4RWN^?W\.U:OV!)1@9+"^"& M](M$64UP7R=V>Q:%-+[Y#?)S-(VKBKL!SUZ@/E*2'2#S[;?O%_.?B*N0PX?O ME9N; ZJ0/605V4@YBPRJL#H^@"%@27KGK,7B?=QDKW^>L_\X,Y2P M^399[=^O%NEK[13U"ZU\]F5=MKH:#C615F%(G@$/RM4Q4!$<,@]":'%C0CI[M6AN[SQ+5HWH=&BO;3EI3P76 Q#_JU+&KQ<_5PEZE_WLU7=S<@+Z9+R^OV3?1 MA@5;1 -MZJ'R35X2V>9T!:91,&5;'VILR]MX[I27>!R$#%V _,M_?9JEC_A M95WW5U>77^6+Z/YAQ_V;=H8)/B@FR<&,@$6MK8W#:E#PR M.C-LWBKI>4,W+E38*B/%D\4ADZ M4EP&08R5UGN)N)=E\.QPK+W(&3=]?%1X#B6T#I3KB7S=M)*/COEF0+MZCB9 M=5U'+N!R+BQA"4RUS@QI0OBXB>M=J-SS Z #U-]\| [I):?;Y>T2^8+N@?>9*L M*ER' I'5E%=O&= 90GM:"*41(]>L]87^/G2-FR#_,K:T]\/7?;0"?%DA$;-$@,G8ZH:C|%QS#18 MFY&<_!A+\R;70R7$/Q48WL0S%. <<;Y&28X'3KB5KVV MJDZ3XP]!QBQ^B-T<6ANW]\MSA!Y ?XN*D-IL\,% MT>M K),KKY=753+9-6=J!K"",_R*LR79RK6OQ_%FV=Z/;F!^:>,5F86J9_+ MGS>@4RS*HBP'+1.!CHL SEH#B2 G"'0RN.9CQ.Y1<'+,[REFWG9T66>A&%<\ MAGI%)#1Y+(RTK%,,M"R57+GLG0O-,R,/H&]D,^MX9#R(PPTEE [":76JP:I# MP9I?=6GS66V0MDH'#3P&54J$+%0!95SMS2<$]"2M$#SJ$-O?+C|!T,C9.(/A MX,'YUTHH'2!L:PV;O-#L8_:K+@6I9%!9)? #62/I(AD%0DG'6^EIB)R$C5]6T M$_1V[NS)7.|.GMLN$U"L(E,1935QA3$*C0:8A;TQ2N#REB?5.M9=7L3U\,Y M>!(0#C\.CY!*%Q[@G:7]@F4ZP[SIT? WQ(LR6M^U#-^L3NB!F4NHA,UG79X%V M;(::PR.\L((WCVX=1F'WY^4Q0'D] :$ET8W>VS@@$I^@:.0\U7,CL)6,^D+>KW1D5,OV=[RLUV7O+N9_ M_COF+_AQ)83-\G+)F3RJ DZFL)DY)8]&DIW.3%N>7.O^70+2.'(RZKFQV%QJ M?8'R*1?I,]MJ8W'UTH=!64_56UY)#YDLD0Z>.!2(OK)CF7>4.I,% [%=G&J1U4 M=#U \\.;W^XW=EQO--I^'TH=)#2_N'@W7_P9%GE"IH9@UH:ZN3E|B0QB"0@> M%;'7%RW:US3O3U[W5N,).-D&Y4!"ZP"/=YM\KYW B40>D@X!9.*U:!:)4V@0 M.&61!'%[I>U?.CUU3T]1D:74 +?=85U//>/QL_W]97_95B<-JFNSB)I:ON] MQC*OR33I(BR7TS)-:PG>W/ZQ(F4D!ZN40'NRE 0^Q012!:LX,XH,WV?NL$ZC M8.1#=6"4G5$Z'6BR#VFZ>T&;=1)#=S%[(@6+J'4U:UV=0*HDA" -L,"T*T(F M95L'!8\D=1R=>$X4S<\OTAZ0>S!WR=#^:R($-XZI#$EZXJQ&3J:-8,3H6*P, M1CG3.D?P.$K'T;)CXG9X@9XPG/;+*@1U!KU[?8[MW*.8O19<1/7W, MU(JI%+0'GFH'0L$T1)<=2,NL\$IYJ5KG$9U.]6[JG:-"R(KN>, M"5G'F!3XXA,H5S)X51M2N(1UT%PRNK7%NR]M(Y?0]X3.0R75@2&[UIJ>/$2B MM!JC$J 4BW7(-5GN3F;@'C.M27,16U?'G4STR'7U/6&VF6Q/-F^;V0E/&6'7 MR_TX7ZS$O=,LTB*6%)@L'75R0+928+,,>_0)5ZB;QU-/9'DD6OJSX3G<\JU M W-W1Z0YRV1]9@D8%ZL;$5YK91/DXHN)F6-[_7(./]PQ?#CQ?D/X?Z)>(ZIO16S3<8IES]WG5#?36=AEJ;AXLX;-NU-$QF@T:!JDF90 MR61P#&FI4EEO1%'2[G-[L\>KQKT,/%7"=Z]C6O.U-Z/_54]U@\SR]_DE+M_/-M:S;E+&]6-_MRN[K7/V^_OYDHXK+7NK98L@(+]%PK-8M-R%EEP]"'\ !##1)O-MCJ9OW0N8YL!YF'=S'BEV@-C[*ICDNNLDI"VNSI86Y&HKB<2WVC&_'C=U_#+ O%.8]!*7F,H KA4M#N9 MLK0088!'P6K5CB& [;X_C\ODW]7):'BO)^6!L;EMY-_"?\\7;ZZ6E^1F+M;% M6RX%J7U"X-E9VC/D7CAA"@B;4XDY!Q7V"L4^TR'RX9O'NY,=ZB1KP.&1\5$' M8GPH]]:PV3\!F4RB9GBK2,YB]Z\<_8TFAP]>:#<[.6J/P.31PD81Z6TD.B_M-7M'/FC>X()\V=D-1S9:T!;AK"J!%*R.M&%*A_ 8AU2*DTFR$N/V;?JNPV7W MT]>3?B.1S9OR;V0$/*T_W]\D/"./1G/:)B5EM^[DY(A9Q"9I$^>&N[P]4_MP M]_S]N(-;ACQ/AN+UR/"Y-O%OUU%O%WOIQ.?\Q7=+/_M_YC_- DNUL1.^GWZ;?DY,L"(XX6L?1$%?LH!H:2?:,_KQ6Y;"]H%80Y)Z==")/-MA,I\?+F]*+A.LBTR,&)G"+Q>-!H%T<3:ODZ0:QH5*R(V1V2OMO2Y07<0]U\ MKM:K^F41_JQ-4K4W=-'D9O]]=-:<#)XS"\(]8_$Q"\+W=T^UA88-;^GZGF0 M=2S_1X;6CGC9\M_Q(KI:OIE? U(JU1;B89*F3S=Z3_2I"78\!GXR!ZK]XXTV2 M#W]0[<+3/N\:)Z?]"'!JSND.@M,/-\;G0!8L.E\G9Y<:,JME89;3D:T\)$FN MKS',N-PZ77HW)>-D.PV-IH;<[^Y@]RM8]](/5Y?+RS#+M&,FO.1(YEX!P8O;-M>+S1,> Q%XPA)FNW!],O=Z#M?-TX.47C'&2G\|O/QO&_S7]00^:+*2[O?'O; MC>SX!)!]G]P@*^2H131*%;E^X<]?!LMT,5]>W6F$:U(L-@@$B60PK^ 7#$/B M4XG<1)VOI&K?$;W" MM9%&3_CZ?/7]^P69(?=7$R,7+!5R-7S- ,,"W8YG-L+63 MHG&+LP;'U>E2Z E3M(]U=IG1GPHL1[I6JZ]@!T$C<)(G0W&P;03O7_%HM01[U\>0>/*YM]_8TL6?PV(1QZ$+*($PMX*C]%WU2 M"CB7T7//K&T^16) C^W];^|^W#Q^_/M8IH#F9XWT&%LE7_(Z+.O&S-N.^7(99KD5RWVN6]PPO MG_HUG<'"U9MWMO@6!N 8T.P,VK? ZY>_.K.>V_P;%D6/#]"S-G<&CKUKGE64GM8K,@[$UFT8'TM@UP]V0<\!L MS*+DUH5^^](V[K'9%C%94+6Q 4N"]BDW")[%#%)K MG;&0M\Q;&W1[D-6I=CL6"OM"[4BYC)R2\.ARU@/>I[,O;^8S.A:N4A7@ZN[@-M"TGT.C=?,!TE1PO9UT9<+BL(W!;(F@D7/6)6SUEZ!U/1*>",!<1\%.ETH/+> MD_&\H:Q@\=PH"X8IHCQR"\$K 4):EGS.%DWKSCRW;Q\O4?V<\MX.>AS'_Y@ M_J*^$FLV5"? K,0@:9M9:6NB9(F1U)"@9ZK"4P"#;8$62/"71NI7S$^2,EW4^.MK(A;B:<#I#W)(3>^LP5,"R6%"\SX#UR8+2;#&E>%W3KH/[)=M5@@=JA[*KF MDN@ 58_RZOU-#FU4SAOM,[',MQXBIYQ4U3'TI>'"J+/C+%[R]NZJFZ00G;0X]M=OA^QG+/= ML=?!/];A \%K\,.B+RXZ\D@\]F2\O)T8F7 T#%-(14GV=9ZX-M \NB$&3/)=.\XO#FY>.JBA-D^N .YRAV]KSQ/Y 6I0?-OJP^OEHN<95B]WX: MXO1B6M/NIK/+KUAC>?.+::Y^Q>M .C?AYZ]X2OYAT]&9LO76H M12JL#G^*F;S1G"+2%LTAMX[4/TE05RKL$-D_&/W2C.T=>/WW%W.]2W]NQC)- M4I:>]#$CQ]5751\\^%K-9ITC.&G@9#T4F,[Q=&O_7-C\M-M*!3G;-*

T(PL9$O!(>HHT";!#>$=%>Q=;,]EFBQ@TC#0^F(!G?+YXFO$BE+%K0 M0G,R&],!SX(&(Y)+F,@"?=!';R 4C5O-/#QV#F)U!Q/*GCR5/Y-D5EW_[[1Q M^CA?3]NXWE;CGC MUDN?R\ ;2)3]ZKR-17# NKTG']IH\LK)Z 154@*7G >FIL$_AUDC!M1;R#W;4US*]L[./_N+V%5RJ=<+HES M0:YW0E!1DA8.1D)REG%EF)"R]1780RK&Q\I)@GT2* =SN3N9'76C,Z2W&XO03L;N/39=KC[A(=3UUXN8O5_6G?WR=7]4;MS_^1)__? #>_6FP*!EQPVE]10.1$ M-J;!T 9QO##B99%&8Z#1NI?OGAEP A$!0>I8#.S'$,C1R/N!BSAO.3=L^M=[MI6]K..8S_L#97]NEO]FL5FHE.G=U:I86H# BQ"PLI,"40I;)']FG#OM4.L:] M0&J.P+.*9?00_OWS+]6EJ:.%WX6T801LUF-5]YFDA@(C@=0%C.MRPJ0 M62KEN5#1[.RY]XS[L51"O(9^3_^_&_GEZ+-9H56SQP5]=.,2; NTAK MP2QJ+TXC_7:QI"Z(//>><>^'FD.D*5M[,:-^G\Z<594KG7I=,DY+B9E', 85 M;0/':4,D3KZMT#8)SY38]N2>M* .?/^X%SS#&4]#BF'L::N;XWG[9'X]G^5= MRUP=XYME!J^%UR5!M(;7R'^$&+D&R/>Q@QF*PTMC)$Q M]P>!X=G]5/?<]=**T8H!{H$TMR"97 E>_!2>7*JG5=L'YP=^-IQKT>;8VM(MIH]]7)+'>NMC/.- >?)TN+G]^N%EF5@X5UCPCR0NH&&]3E1P@J2"3"4G]M(^Q M=0()>^',O1B*;V@T#;XVW$-ZS M6M32&$0/J>@%.J=*>+O0_C1V=P"8^[KY_4T/%99\ <2IR,AD-N2LJ9-I0Q!_R MC74@RS$07P;-A'A_4 ^X,UWWM$Z>.8[?W<'FMQD]&9>7G\(EKO)1\\8.#%]P MDIA-3@9-JCFP>M%>AW-K"5RS0$*419;6/4#VIVYLO=0 #$\"K)EDNL/0\ -%! 0/8]H6'UUGYZ>#.XA<'4"]T>. M,GRX_(J+N^G9O\TV[8G_/@OKUG*U]PZO;8N;OEJEG];+]^J,UM[9ZS8Z)G6 M'(Q"N^Z:XS69G24HR87-Q.+M!.1=H873*>GI:#P-92-(I@,- =G>Q$QNY)WN3 M@R;+$92.#$*=\"B>1%Q>R9M8T;]9SY_T!I4RTT5A'<[>#@MJ[M%]W)5!.&8_) M &.YFIV1S$XB'I(J5BB7>&*M8TH[R.@I#Z(]3H[A=6>*Y$[?@!D3LMHB8R*15K0JJ, M18!BED,4@A:17"P$?IF;MZS<24A/60]MC.A3^=T5:-Y- _|)\U\6<6)&59I(4 M9:G7C2;1,>MMG;:11(C.;LQF,.@\(*>G](/6 #J-]_V6]WZ\BA?3='IQ[\/G M-"KM?8; 80M[K9?.!U])X-TOF@#(1D-K/9JM4D%- \#^.EMAK[>Z,!ZA;)U! M<8<0#&9@(H58O"I9M;ZI>"F%O8?(?:_"W@-8W<61\Z]!,MZW1/<0AH^==W92'6FPVC!?&+ .:%3,D<=7H@<3 MT6<9L]1VNRG>OTIA[T$8:%;8>XA 1J^1/+F"%'5TQ>4$";FL@^@T)$4&A%MX$&=U^ M-7D#5QBZ#T1@$&P-O G.=> A:MZ^^=.+S)\]2.J' MY,|> (H(.X+0CH9.SE(.E BK7L@0F(SAN 4A!+%/"\B!:)V& J/S9@R3\?/IL M(>SN #"/!?DE3W0*"P3D]0*9(8>8$GVGHHG9TD$MA@U/O>\X?]99C.HX?G< MF[=_U9ZN5]/EUW7KUKJL32Z=\:)P47T%H^K,\F+!V:! 1NLQ)\;1MLZ7?9R: ML?5. V'/!^%\!Q@Z(-,7:5Y2TA&BL^2.&)\@^H.@K=8ZE!0S\D&U^'"K5GB>KI"&R#L+9RZ !8G_#]O25-(MF-07L'G(4$RELR$H2OU< LJ. 5 MHW4TQM$V#7VFQ)X"FY.XW %*KE7I:K+M$E=+8$*8)$TU)), '5:RL*?7DR1HZ MP+/GS#0OM=Y!1I]IL:=@Y51>=P"77\D_7;Z?+^MDS- DNPV!";HG1YS/;+']_I,E3T& M,T/PM@-5=*U-R7"K,9!-G<&K6;Z3/)YJB7B4 327$>JD2? U_E6;!#M?#%>Y MM>>_!UE])M&V.-E:R: (#>&WOE.]7B_0U+/#&_"S<{1I%%1U:=!"E8 *7)X L" M!:3,A&$NT&D^;'KE3K)Z:M8UA/=_NBRZ@]>==9!;&8U7')!>2WQ*Y&6&:"%+ MQS"@,$X,FU=W()#.U5QK'"0=R?8NX+.K[(6G:.FP]I!SW0.1&W"126 H0I18 M5PMPAG/@-DN4)0DUP%BG MT^J,^ L+8;=A? K^%1EL=]6F#G%9PI/CS&A4>[4GPL 5(QEL6ZAT9LW;"M"%$G8)D;88)-0OQX)^G (F0:WSQ!FA[.++*R#XC9](YJ)$M-F9!P.,_E4* MD Z1^SX%2(>P>L2S:+FXG'P*LR^XRI*2SI;D2-,Y[>OL Q[!*1. .8W("^?& M[X4/>NH=;- "G6US<>^'X2#A)/-3>=B#X*_,^ADC8O0(RM"!5+8=R7G/8:!OF,R.^]=&2A'R.R>0O^=>%N/*B,BQBD5(K,6RD$*$Z^ M4M#D:VO)C$TL(%- ^4'N@S]SS8PZ!1ESN#B=WNZAS6S!95BO-2%E*C<06KL%X M39Z1<2*684<-=UQC>I",]QX>>P##1RZRNC/D]WKT(W,I.:OK5#];NX 01{(/ M({JMG3V>CG@$X_H9AW@]RS$(XVS-F+"D/Q4S'AS3 M%A@3P>5H?'XP8/J9^8==UU\>*_73&-?=(7$;DBN&^.%*!K*+1)WE23!6UH/P MD59 SC0SP] !!O>^W+*"=67$?JG ^E#?S MV7)^,NIVL$08[UK)%X* MRS5NI\4]GWMR*E4]'4Y'@N31-)6S2]P]%;?5$-K;E*V2&;20=6*C4N"E5I#0 MJ51;0Y-].:B>>PGMN(_!77/N=X&DQ^^:O$P&,]EXDJD$RJ@,,,7$$EJ-46B23 M?&\-!<]>2' :CMKPOM]OC=$R?3R9F[V27=\NY_5Z'YO#T*'O=MCWEOE8@0= M!:^>%=G8$2UXK9B4 F/P0OBGY[G;4\(9-#1"$%*#2IZ^\[1=Z/\JZ,R$MMO# M4/]5[O8.D?L^=WN'L+J#X^?^OEN%JP*7 24G%1I%)LUG.(08$% HQ9'681], M93ZYYO\!%>-CY23!,I?ZG\;E[G"RB7"H: Q3/ .&.E>@<%<'AR$X]$G)*$1Z M$-!IBY0> KZGRO9)J!S!Z [\@E_S"]^D$E^? S'75V.J)&TSJV/LR=5CI';C MJ_V:@T'-5/9>MDXT>9*@GN!SC+P?E#FV8GX'2*J3!BXWDP9JVY75]LHHF7;. M W,%;?L5!HX3LX3FT@0N@M&M ;2+CH[\ZM./J),YW2%;-KM)LRPUBQ)LL*;. M5B9UK.INRL7P$@+GK'55_FY*QM4TITOX&<@

X>0#.=X8>R5I;72C)%;U@P M@(Y%H*TCP2<>0#+#0BK[#)$.Z;,G0I[ULNJ8<^9X'O8@^ U>F8LL%>? U[FW2HL" M+L1(QE1Q/!H5W7XSR5]6(N1!PGHD$?(0SG65")F=L=((4G82:?%1EFHK%U\6 M<^^*566_(K^7EPAYD,@>380\A'\=6 ./73,HG@*SL4 1G% <[R4(4+M'!I4CI M,>11M[8A3]E=.%-CGM/=CA;\[@XV-7UGXC%:KC4!WP9=IRA&\-Q;8,IXAZ9X MDX<=RERIZ"F,>J1PGXZY\KI#K!RUPZ^B;K^6(Q_[/&;L)W^LWESTE, M,A5=(EAE:V\8H2"&.@")Q<@8S\PW;UYX"'T]Q4#:X&LPZ?QS95AEVG B*4Y* MWM4X(CF"SF*'6%(NRBHOPG9J0B<95F?/4#@&C2-+K#.M.9'D?EBI(F@3+-%> M!-&N'3A$&Q3'$%+S"-Z=|_=DOB-.U74L;Q82C,Y1 M<0- :U3QD]P,YJHD<525C*3(+@:WSI1XEIL^>B*=@I@W?.\Z5FG_[AHLT#1>K6596S+D0.9(FM&)#-X)#3R0@^&]T,6W'@;^ M%#WC>W,G(F%;I31C? @?'TOT57-^O6(G,UE&^>;1^DY%*Q=/ETAVUUGLMUM+4-'P15KW=SY M$5)&1I_I0GX..D=PO /@;)D!FXA[R8:#;2W2&;20=6*C4N"E5I#0 MJ51;0Y- [..B>>PGMN(_!77/N=X&DQ^^:O$P&,]EXDJD$RJ@,,,7$$EJ-46B23 M?&\-!<]>2' :CMKPOM]OC=$R?3R9F[V27=\NY_5Z'YO#T*'O=MCWEOE8@0= M!:^>%=G8$2UXK9B4 F/P0OBGY[G;4\(9-#1"$%*#2IZ^\[1=Z/\JZ,R$MMO# M4/]5[O8.D?L^=WN'L+J#X^?^OEN%JP*7 24G%1I%)LUG.(08$% HQ9'681], M93ZYYO\!%>-CY23!,I?ZG\;E[G"RB7"H: Q3/ .&.E>@<%<'AR$X]$G)*$1Z M$-!IBY0> KZGRO9)J!S!Z [\@E_S"]^D$E^? S'75V.J)&TSJV/LR=5CI';C MJ_V:@T'-5/9>MDXT>9*@GN!SC+P?E#FV8GX'2*J3!BXWDP9JVY75]LHHF7;. M W,%;?L5!HX3LX3FT@0N@M&M ;2+CH[\ZM./J),YW2%;-KM)LRPUBQ)LL*;. M5B9UK.INRL7P$@+GK'55_FY*QM4TITOX&<@

[V8U\SSY>H&=Q;6U[EOKQ;S[_C^]6]O[UV\N>P] M8RZ K",;E*QE:,4QT%X2]JQ(/Q>YSN!S\XEX@@2FA>0P9AE0M8[4/$9+3[>=3;R<)DSO%#R;#><" MYY:C!>[]_4M=1(UH@4G:FEBX$\U]G\>I&=<";B/M/2!T!.M'/M-6552_SV=I MW03P3CU5;;&UH6<],? M;OPI:FC,!@65%!W]-58KD.0*70G&%MJ@'YM"N0^WP M-_<'HF/D/3\;\SO03]4_^%!>+1:!='=-)%EM.V]9]DI&X*DN(@<-49$BYYDE M%XWC7+>>&+&3D+T 95_0L78ZNSO S!WRZSZ@_1%N?_('?;<,Z6X>DA$LF<(R MF*PT;8F:;8TIT6:L;;6M+]ZV'O-T((DCQW],!\7\?! (;^3S\C,34M6B^+'"U MH&O JRV2'D;9HBLV@+T0QDQ6S(&&BNBAU3L\2/W@LZT$QG=_M'50V-F/Q*LLZS#2K:$C_6B(_>0,NI1QMLEK*YL-C=M QRW4)$4]2>,=_^MHE('H%WAH-4CJK@K#9R]:97[OHZ DLQTAW MN^[X5%;W)=MA?O^IF<.[21%3F*N%AX=T85[<_$-E&)MUH(A.ML:-(]2LQ=T M_ LZEAHQ?F1S]_>K"GK:_A<89E??K^,:RXE6B?2OO;#&K(+H AQM"T@NQ*R9 M+M'N4Q#\V/-[JB@_7G;SQHSL0)^\2FEQ%2[>S1?WJG\> <&SBA0Y*T3F=@B-& MR<(A6DW:UTJ7E1"DITB:SN?F@L4/HZRPGOB'PAA!0+_^#;8U-]##]7D9':+3!RPTN M6 R9A[73A_DH^185_\=)ZJ1S:"/N$AU.5]6G966 MEQ_*K_-Y7GZ>7^1)<"Y%93.@J,.Y#.VK8%@!HK)PQLFXX/L4.#_QBLYRT$XW MQEJQLP,- =5,H\/:O&V2SGRY'2_ZD7@W)4^F\["XY000M!X10B;=FTGW,L% M"&NL),N3E=:3,:GKK,,DC8Z;2#A=`][Z^OQOX;X#+_0YLI_M$?:Z)TSS68TMKOA /[CO5NEL9$K" M@V>*-G 4D?SX@G6=)B!S)8K!ROV?)]VS&Y_&V&PHEJ/UZ@]+2[],M M](A7[Q?%92\?2LWXWX%I=YNA?WNXL>PH$/=&XFA ME A2U.)@$VH9,K? >799"9M#\[&V!Q&X'P1?RDW"\#+] (#7$9IW\\5[LN8N M,I>XG$B?M!5&@G'1U@KT&K-Q"23W&J/6-NG6(U:>(&<_<+VTFX16_,| 2K]> M!=+:+$EXAWNM-M0M%OPF+QDSCW'^'B"B>&%+%S3$!(,9$)4 N/"DO O4'#==%& MM^ZYM"]M^X'LI=T:#*'9GA"W?!>FB]42;J=Z3'QDZ!- W($T=L2M# 1=K/WOQ MKJ?1<%Y:WT\]2=!^V'II5P'M9- 3H.XVV Q_3;]=??O[U_?UDIR6+,MLR&/1 M*P?&DP.#)T7V>FH99&MPV=[D1+4?N% [*O<%0\AB]OSM1O.[^,[L*%V_F/W 1 MON#[Z;?IY<0Z960*"IB3DDY[KL"C"9"R4=P7M"KLU^/]\7?L!Y*7$OAORM$. ME$_EQG7^XW5BY0;LK^>+Q? S/.B$C?*??D)OALD_6DE^1#8K:)RJ"%S;6D7RN M,,.R;MXY]A#ZJD/;2XO1#R:A'M"WRK]=7B_OP]5E';E2QT&N?=U}3%F$.E0H M>4G:E6D)+I-S(ITB? [9S-.V'LI<6;6\JB;$[R*\H7D_AN\3\]QF) MY,Z"/M,!?OGS]7R6EY.I>T=J=A:U9<&?1$QEC,;4TFP[\3/9ALK4H08-1 MJ'609"3H?2KD3Z- BORS8EQ2OA_>7DHD_DQ2 MZ, *V[W*39#X#_)9EV"V-D)#'RVG;1%6'< >(+ N0A58DM#?1M*Y"VYNX M_=#WTD+UP]BF6]#=AEPVH>*;X?(? ROHOI^'BXV;"^]LZVGN58/=V=O5M,S)^ M4K@T+/((S@M96[%$VH;2@6>&& ^DQ<]/ZOG*HM>P'Z9=V,="%Y% ,#IBDZ(W@ MG$'1NH#B=*Z$3%:+Y-R4G*(H#\;MG0G0^^'SI5TN#"&79G#[?_[M :]IU?_X M/_]K\XOZ)88E_I__]?\!4$L! A0#% @ /(UF6 !H=VTM,C R-# Y,S N;'1M4$L! A0#% @ /(UF M621:-"[N$@ -]$! (!C&@! &AW;2TR,#(T,#DS,"YX MP$;'=M+3(P,C0P.3,P7V-A;"YX;6Q02P$"% ,4 " \C699Y%=GH)-C M !3,@0 % @ $"H $;'=M+3(P,C0P.3,P7V1E9BYX;6Q0 M2P$"% ,4 " \C699_1*VTOCK !5P @ % @'' P(M;'=M+3(P,C0P.3,P7VQA8BYX;6Q02P$"% ,4 " \C699<*_6<]B8 #E MG 8 % @ 'Q]P(;'=M+3(P,C0P.3,P7W!R92YX;6Q02P4& 2 D "0 V @ ^X@# end XML 92 hwm-20240930_htm.xml IDEA: XBRL DOCUMENT 0000004281 2024-01-01 2024-09-30 0000004281 us-gaap:CommonStockMember 2024-01-01 2024-09-30 0000004281 us-gaap:PreferredStockMember 2024-01-01 2024-09-30 0000004281 2024-11-04 0000004281 2024-07-01 2024-09-30 0000004281 2023-07-01 2023-09-30 0000004281 2023-01-01 2023-09-30 0000004281 2024-09-30 0000004281 2023-12-31 0000004281 2022-12-31 0000004281 2023-09-30 0000004281 us-gaap:PreferredStockMember 2023-06-30 0000004281 us-gaap:CommonStockMember 2023-06-30 0000004281 us-gaap:AdditionalPaidInCapitalMember 2023-06-30 0000004281 us-gaap:RetainedEarningsMember 2023-06-30 0000004281 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-06-30 0000004281 2023-06-30 0000004281 us-gaap:RetainedEarningsMember 2023-07-01 2023-09-30 0000004281 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-07-01 2023-09-30 0000004281 us-gaap:PreferredClassAMember 2023-07-01 2023-09-30 0000004281 us-gaap:PreferredClassAMember us-gaap:RetainedEarningsMember 2023-07-01 2023-09-30 0000004281 us-gaap:AdditionalPaidInCapitalMember 2023-07-01 2023-09-30 0000004281 us-gaap:PreferredStockMember 2023-09-30

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http://fasb.org/us-gaap/2024#AccountsPayableCurrent http://fasb.org/us-gaap/2024#AccountsPayableCurrent 10-Q true 2024-09-30 false 1-3610 HOWMET AEROSPACE INC. DE 25-0317820 201 Isabella Street, Suite 200 Pittsburgh PA 15212-5872 412 553-1940 Common Stock, par value $1.00 per share HWM NYSE $3.75 Cumulative Preferred Stock, par value $100.00 per share HWM PR NYSEAMER Yes Yes Large Accelerated Filer false false false 406260649 1835000000 1658000000 5539000000 4909000000 1253000000 1183000000 3830000000 3543000000 85000000 87000000 270000000 250000000 9000000 9000000 26000000 27000000 68000000 68000000 204000000 204000000 -1000000 4000000 21000000 8000000 421000000 307000000 1188000000 877000000 -6000000 0 -6000000 -1000000 -44000000 -54000000 -142000000 -166000000 -17000000 -11000000 -49000000 -5000000 354000000 242000000 991000000 705000000 22000000 54000000 150000000 176000000 332000000 188000000 841000000 529000000 331000000 331000000 187000000 187000000 839000000 839000000 527000000 527000000 0.81 0.45 2.06 1.28 0.81 0.45 2.04 1.27 408000000 412000000 408000000 412000000 410000000 415000000 411000000 417000000 332000000 188000000 841000000 529000000 -8000000 -10000000 -15000000 -19000000 71000000 -56000000 30000000 -18000000 -19000000 4000000 -13000000 -10000000 60000000 -42000000 32000000 -9000000 39200000 146000000 873000000 520000000 475000000 610000000 0 0 757000000 675000000 18000000 17000000 1902000000 1765000000 239000000 249000000 3391000000 3316000000 2358000000 2328000000 4047000000 4035000000 39000000 46000000 484000000 505000000 239000000 198000000 10558000000 10428000000 917000000 982000000 288000000 263000000 59000000 68000000 25000000 65000000 227000000 200000000 1000000 206000000 1517000000 1784000000 3393000000 3500000000 629000000 664000000 84000000 92000000 432000000 351000000 6055000000 6391000000 55000000 55000000 407000000 410000000 3386000000 3682000000 2453000000 1720000000 -1798000000 -1830000000 4037000000 4503000000 10558000000 10428000000 841000000 529000000 204000000 204000000 39000000 92000000 21000000 8000000 -18000000 -17000000 31000000 28000000 54000000 39000000 -6000000 -1000000 -4000000 -2000000 97000000 211000000 139000000 148000000 -9000000 12000000 -67000000 -57000000 -42000000 -18000000 -5000000 17000000 33000000 19000000 6000000 2000000 -20000000 -27000000 818000000 443000000 500000000 0 805000000 376000000 5000000 0 5000000 1000000 31000000 150000000 700000 1000000 76000000 52000000 48000000 77000000 -742000000 -646000000 219000000 164000000 9000000 1000000 -1000000 0 -209000000 -163000000 -2000000 -1000000 -135000000 -367000000 610000000 792000000 475000000 425000000 55000000 412000000 3782000000 1334000000 -1808000000 3775000000 188000000 188000000 -42000000 -42000000 0.9375 1000000 1000000 0.09 36000000 36000000 25000000 25000000 13000000 13000000 55000000 412000000 3770000000 1485000000 -1850000000 3872000000 55000000 408000000 3486000000 2186000000 -1858000000 4277000000 332000000 332000000 60000000 60000000 0.9375 1000000 1000000 0.16 64000000 64000000 1000000 101000000 102000000 16000000 16000000 -15000000 -15000000 55000000 407000000 3386000000 2453000000 -1798000000 4503000000 55000000 412000000 3947000000 1028000000 -1841000000 3601000000 529000000 529000000 -9000000 -9000000 2.8125 2000000 2000000 0.17 70000000 70000000 3000000 147000000 150000000 39000000 39000000 3000000 -69000000 -66000000 55000000 412000000 3770000000 1485000000 -1850000000 3872000000 55000000 410000000 3682000000 1720000000 -1830000000 4037000000 841000000 841000000 32000000 32000000 2.8125 2000000 2000000 0.26 106000000 106000000 4000000 309000000 313000000 54000000 54000000 1000000 -41000000 -40000000 55000000 407000000 3386000000 2453000000 -1798000000 4503000000 Basis of Presentation The interim Consolidated Financial Statements of Howmet Aerospace Inc. and its subsidiaries (“Howmet” or the “Company” or “we” or “our”) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company’s results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2023 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (“GAAP”). This Form 10-Q report should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2023 (the “Form 10-K”), which includes all disclosures required by GAAP. Certain amounts in previously issued financial statements were reclassified to conform to the current period presentation. In the nine months ended September 30, 2024, the Company derived approximately 52% of its revenue from products sold to the commercial aerospace market which is less than the pre-pandemic 2019 annual rate of approximately 60%. Aircraft production in the commercial aerospace industry continues to recover based on increases in demand for narrow body and wide body aircraft. We expect our commercial aerospace wide body and narrow body demand, including engine spares, also to continue to grow. Quality control issues at The Boeing Company (“Boeing”) are expected to negatively impact narrow body and wide body production rates in the near term. For instance, the Federal Aviation Administration stated that it will not approve production rate increases or additional production lines for the Boeing 737 MAX until it is satisfied that Boeing is in full compliance with required quality control procedures. In addition, a labor union work stoppage at Boeing has negatively impacted results. Boeing production levels have a material impact on the financial performance of Howmet. The timing and level of future aircraft builds by original equipment manufacturers are subject to changes and uncertainties, which may cause our future results to differ from prior periods due to changes in product mix in certain segments. The preparation of the Consolidated Financial Statements of the Company in conformity with GAAP requires management to make certain judgments, estimates, and assumptions. These estimates are based on historical experience and, in some cases, assumptions based on current and future market expectations, including considerations relating to changes in the aerospace industry. The impact of these changes, including the macroeconomic considerations, remains highly uncertain. Management has made its best estimates using all relevant information available at the time, but it is possible that our estimates will differ from our actual results and affect the Consolidated Financial Statements in future periods and potentially require adverse adjustments to the recoverability of goodwill, intangible and long-lived assets, the realizability of deferred tax assets and other judgments and estimations and assumptions. Basis of Presentation The interim Consolidated Financial Statements of Howmet Aerospace Inc. and its subsidiaries (“Howmet” or the “Company” or “we” or “our”) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company’s results of operations, financial position, and cash flows. 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Issued In November 2024, the FASB issued guidance to improve disclosures about an entity’s expenses including more detailed information about the components of

expenses in commonly presented expense captions. These changes become effective for fiscal years beginning after December 15, 2026, and interim periods within fiscal years beginning after December 15, 2027. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. In December 2023, the FASB issued guidance to enhance the transparency of income tax disclosures including additional details on the rate reconciliation and taxes paid by jurisdiction. These changes become effective for fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. In November 2023, the FASB issued guidance to enhance disclosures related to significant segment expenses and other matters related to reportable segments. These changes become effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. Recently Adopted and Recently Issued Accounting Guidance Adopted In September 2022, the Financial Accounting Standards Board ("FASB") issued guidance to enhance the transparency of disclosures regarding supplier finance programs (See Note Q). These changes became effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years, except for the amendment on rollforward information, which is effective for fiscal years beginning after December 15, 2023. Issued In November 2024, the FASB issued guidance to improve disclosures about an entity's expenses including more detailed information about the components of expenses in commonly presented expense captions. These changes become effective for fiscal years beginning after December 15, 2026, and interim periods within fiscal years beginning after December 15, 2027. 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Recently Adopted and Recently Issued Accounting Guidance Adopted In September 2022, the Financial Accounting Standards Board ("FASB") issued guidance to enhance the transparency of disclosures regarding supplier finance programs (See Note Q). These changes became effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years, except for the amendment on rollforward information, which is effective for fiscal years beginning after December 15, 2023. Issued In November 2024, the FASB issued guidance to improve disclosures about an entity's expenses including more detailed information about the components of expenses in commonly presented expense captions. These changes become effective for fiscal years beginning after December 15, 2026, and interim periods within fiscal years beginning after December 15, 2027. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. In December 2023, the FASB issued guidance to enhance the transparency of income tax disclosures including additional details on the rate reconciliation and taxes paid by jurisdiction. These changes become effective for fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. In November 2023, the FASB issued guidance to enhance disclosures related to significant segment expenses and other matters related to reportable segments. These changes become effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Management is currently evaluating the impact of these changes on the Consolidated Financial Statements. Segment Information Howmet is a global leader in lightweight metals engineering and manufacturing. Howmet's innovative, multi-material products, which include nickel, titanium, aluminum, and cobalt, are used worldwide in the aerospace (commercial and defense), commercial transportation, and industrial and other markets. Segment performance under Howmet's management reporting system is evaluated based on a number of factors; however, the primary measure of performance is Segment Adjusted EBITDA. Howmet's definition of Segment Adjusted EBITDA (Earnings before interest, taxes, depreciation, and amortization) is net margin plus an add-back for depreciation and amortization. Net margin is equivalent to Sales minus the following items: Cost of goods sold; Selling, general administrative, and other expenses; Research and development expenses; and Provision for depreciation and amortization. Special items, including Restructuring and other (credits) charges, are excluded from net margin and Segment Adjusted EBITDA. Segment Adjusted EBITDA may not be comparable to similarly titled measures of other companies. Differences between the total segment and consolidated totals are in Corporate. Howmet's operations consist of four worldwide reportable segments as follows: Engine Products Engine Products produces investment castings, including airfoils, and seamless rolled rings primarily for aircraft engines and industrial gas turbine applications. Engine Products produces rotating parts as well as structural parts. Fastening Systems Fastening Systems produces aerospace fastening systems, as well as commercial transportation, industrial and other fasteners. The business's high-tech, multi-material fastening systems are found nose to tail on aircraft and aero engines. Fastening Systems' products are also critical components of commercial transportation vehicles, and construction, industrial, and renewable energy equipment. Engineered Structures Engineered Structures produces titanium ingots and mill products for aerospace and defense applications and is vertically integrated to produce titanium forgings, extrusions, forming and machining services for airframe, wing, aero-engine, and landing gear components. Engineered Structures also produces aluminum forgings, nickel forgings, and aluminum machined components and assemblies for aerospace and defense applications. Forged Wheels Forged Wheels provides forged aluminum wheels and related products for heavy-duty trucks and the commercial transportation market. The operating results of the Company's reportable segments were as follows:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.269%"><tr><td style="width:1.0%"></td><td style="width:37.338%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.240%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.389%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.092%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.389%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.007%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.830%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.945%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.830%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.540%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-

*align:center;vertical-align:bottom">Engine Products</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Fastening Systems</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Engineered Structures</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Forged Wheels</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total
Segment</td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Third quarter ended September 30, 2024</td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">945 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">392 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">253 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">1,835 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">948 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">392 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">256 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,841 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td*

colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">66 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">102 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">64 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">511 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other charges</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">55 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">79 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Third quarter ended September 30, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-

color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">798 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">348 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">227 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,658 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">803 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">348 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">227 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,663 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">67 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">219 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">76 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">77 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">402 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other charges</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Engine Products</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Fastening Systems</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Engineered Structures</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Forged Wheels</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Total
Segment</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Nine months ended September 30, 2024</td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,763 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,175 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">790 </td><td

style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,539 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,769 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,175 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">797 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">5,552 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">100 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">198 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">848 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">295 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times

New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">115 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">221 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,479 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other charges</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">143 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">211 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Nine months ended September 30, 2023</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,414 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">634 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,909 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">

13 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,426 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">635 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,922 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">97 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">197 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">654 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">198 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">80 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">237 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,169 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other (credits) charges</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-

align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">84 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">153 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table reconciles Total Segment Adjusted EBITDA to Income before income taxes. Differences between the total segment and consolidated totals are in Corporate.<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:49.046%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.600%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total Segment Adjusted EBITDA</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">511 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">402 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,479 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,169 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Segment provision for depreciation and amortization</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(66)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(67)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(198)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(197)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Unallocated amounts:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Restructuring and other credits (charges)</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">Corporate expense</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(25) </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(24)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(72)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(87)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating income</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">421 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,188 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">877 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:top">Loss on debt redemption</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Interest expense, net</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(44) </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(54)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(142)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(166)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:top">Other expense, net</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(17)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(49)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Income before income taxes</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">354 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">242 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">991 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-

size:10pt;font-weight:400;line-height:100%">705 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table reconciles total segment capital expenditures with Capital expenditures as presented in the Statement of Consolidated Cash Flows. <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:49.046%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.600%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, </td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, </td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total segment capital expenditures</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">79 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">211 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">153 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt 2px 1.75pt;text-align:left;vertical-align:top">Corporate</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Capital expenditures</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">82 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">59 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">219 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">164 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table disaggregates segment revenue by major market served. Differences between the total segment and consolidated totals are in Corporate.<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.707%"><tr><td style="width:1.0%"></td><td style="width:35.117%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.071%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:700;line-

height:100%">Engine Products</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Fastening Systems</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Engineered Structures</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Forged Wheels</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total
Segment</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Third quarter ended September 30, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Commercial</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">534 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">183 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">962 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Defense </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">189 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">43 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">57 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">289 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Commercial Transportation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">65 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">310 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Industrial and Other</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">222 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">39 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">274 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19.75pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">945 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-

weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">392 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">253 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,835 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Third quarter ended September 30, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace - Commercial</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">446 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">209 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">165 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">820 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace - Defense </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">165 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">45 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">251 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Commercial Transportation</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">67 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">352 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Industrial and Other</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">187 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">31 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">235 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19.75pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">798 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">348 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">227 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,658 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Nine months ended September 30, 2024</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Commercial</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,554 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">740 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">575 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,869 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Defense </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">566 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">119 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">174 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">859 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Commercial Transportation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">199 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,010 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Industrial and Other</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">643 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">117 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">801 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,763 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,175 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">790 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">5,539 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Nine months ended September 30, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Commercial</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,324 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">563 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">458 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,345 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Defense </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">502 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">131 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">131 </td><td style="background-color:#ffffff;padding:2px 1pt 2px

0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">764 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Commercial Transportation</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">192 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,064 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Industrial and Other</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">588 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">103 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">45 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">736 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,414 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">634 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">4,909 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The Company derived 67% and 63% of its revenue from the aerospace (commercial and defense) markets for the nine months ended September 30, 2024 and 2023, respectively. On April 2, 2024, General Electric Company, one of our largest customers, completed the spin-off of its energy-focused business into GE Vernova, a new publicly traded company. Since then, General Electric Company operates as GE Aerospace. GE Aerospace and RTX Corporation each represented approximately 10% of the Company's third-party sales in the nine months ended September 30, 2024. General Electric Company and RTX Corporation represented approximately 13% and 10%, respectively, of the Company's third-party sales in the nine months ended September 30, 2023. These sales were primarily from the Engine Products segment. 4 The operating results of the Company's reportable segments were as follows:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.269%"><tr><td style="width:1.0%"></td><td style="width:37.338%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.240%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.389%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.092%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.389%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.007%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.830%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.945%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.830%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.540%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Engine Products</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Fastening Systems</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3"

style="padding:2px 1pt;text-align:center;vertical-align:bottom">Engineered Structures</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Forged Wheels</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total
Segment</td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Third quarter ended September 30, 2024</td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">945 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">392 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">253 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,835 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">948 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">392 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">256 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,841 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3"

style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">66 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">102 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">64 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">511 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other charges</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">55 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">79 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Third quarter ended September 30, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">798 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">348 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">227 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,658 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">803 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">348 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">227 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,663 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">67 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-

color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">219 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">76 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">77 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">402 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other charges</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Engine Products</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Fastening Systems</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Engineered Structures</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Forged Wheels</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">Total
Segment</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Nine months ended September 30, 2024</td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,763 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,175 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">790 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td

style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,539 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total sales</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,769 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,175 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">797 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">5,552 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">100 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">198 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">848 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">295 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">115 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times

New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">221 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,479 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other charges</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">143 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">211 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Nine months ended September 30, 2023</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Sales:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Third-party sales</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,414 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">634 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,909 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Inter-segment sales</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-

serif;font-size:10pt;font-weight:400;line-height:100%">Total sales</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,426 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">635 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,922 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Profit and loss:</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for depreciation and amortization</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">97 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">197 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Segment Adjusted EBITDA</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">654 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">198 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">80 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">237 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,169 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring and other (credits) charges</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Capital expenditures</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">84 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">153 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 945000000 392000000 253000000 245000000 1835000000 3000000 0 3000000 0 6000000 948000000 392000000 256000000 245000000 1841000000 34000000 12000000 10000000 10000000 66000000 307000000 102000000 38000000 64000000 511000000 1000000 1000000 1000000 1000000 4000000 55000000 5000000 5000000 14000000 79000000 798000000 348000000 227000000 285000000 1658000000 5000000 0 0 0 5000000 803000000 348000000 227000000 285000000 1663000000 33000000 12000000 12000000 10000000 67000000 219000000 76000000 30000000 77000000 402000000 0 1000000 1000000 0 2000000 30000000 9000000 6000000 9000000 54000000 2763000000 1175000000 790000000 811000000 5539000000 6000000 0 7000000 0 13000000 2769000000 1175000000 797000000 811000000 5552000000 10000000 3600000 32000000 30000000 19800000 848000000 295000000 11500000 22100000 1479000000 0 3000000 15000000 1000000 19000000 143000000 17000000 16000000 35000000 211000000 2414000000 989000000 634000000 872000000 4909000000 12000000 0 1000000 0 13000000 2426000000 989000000 635000000 872000000 4922000000 97000000 35000000 36000000 29000000 197000000 654000000 198000000 80000000 237000000 1169000000 -1000000 1000000 7000000 0 7000000 84000000 23000000 21000000 25000000 153000000 The following table reconciles Total Segment Adjusted EBITDA to Income before income taxes. Differences between the total segment and consolidated totals are in Corporate.<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:49.046%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.600%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total Segment Adjusted EBITDA</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">511 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">402 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,479 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,169 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Segment provision for depreciation and amortization</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(66)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(67)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(198)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(197)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Unallocated amounts:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Restructuring and other credits (charges)</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2"

style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Corporate expense</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(25)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(24)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(72)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(87)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating income</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">421 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,188 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">877 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Loss on debt redemption</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Interest expense, net</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(44)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(54)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(142)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(166)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Other expense, net</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(17)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(49)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Income before income taxes</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">354 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">242 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-

top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">991 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">705 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table></div> 511000000 402000000 1479000000 1169000000 66000000 67000000 198000000 197000000 -1000000 4000000 21000000 8000000 25000000 24000000 72000000 87000000 421000000 307000000 1188000000 877000000 -6000000 0 -6000000 -1000000 -44000000 -54000000 -142000000 -166000000 -17000000 -11000000 -49000000 -5000000 354000000 242000000 991000000 705000000 <div style="margin-bottom:6pt;margin-top:6pt">The following table reconciles total segment capital expenditures with Capital expenditures as presented in the Statement of Consolidated Cash Flows.</div><div style="margin-bottom:6pt;margin-top:6pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:49.046%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.600%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total segment capital expenditures</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">79 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">211 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">153 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt 2px 1.75pt;text-align:left;vertical-align:top">Corporate</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Capital expenditures</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">82 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">59 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">219 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">164 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 79000000 54000000 211000000 153000000 3000000 5000000 8000000 11000000 82000000 59000000 219000000 164000000 <span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-

weight:400;line-height:120%">The following table disaggregates segment revenue by major market served. Differences between the total segment and consolidated totals are in Corporate.<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.707%"><tr><td style="width:1.0%"></td><td style="width:35.117%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.070%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.533%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.071%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Engine Products</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Fastening Systems</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Engineered Structures</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Forged Wheels</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total
Segment</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Third quarter ended September 30, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace – Commercial</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">534 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">183 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">962 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Defense </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">189 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">43 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">57 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">289 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Commercial Transportation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">65 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">310 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Industrial and Other</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">222 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">39 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-

align:right;vertical-align:bottom">274 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19.75pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">945 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">392 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">253 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">245 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,835 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Third quarter ended September 30, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace – Commercial</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">446 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">209 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">165 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">820 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace – Defense </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">165 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">45 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">251 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Commercial Transportation</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">67 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times

New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">352 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Industrial and Other</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">187 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">31 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">235 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19.75pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">798 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">348 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">227 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">285 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,658 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Nine months ended September 30, 2024</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Commercial</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,554 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">740 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">575 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,869 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Defense </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">566 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">119 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">174 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times

New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">859 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Commercial Transportation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">199 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,010 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Industrial and Other</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">643 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">117 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">801 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,763 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,175 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">790 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">5,539 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Nine months ended September 30, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Commercial</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,324 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">563 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">458 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">2,345 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Aerospace - Defense </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">502 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">131 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">131 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">764 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:top">Commercial Transportation</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">192 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,064 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Industrial and Other</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">588 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">103 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">45 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">736 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:top">Total end-market revenue</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,414 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">634 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">872 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">4,909 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 534000000 245000000 183000000 0 962000000 189000000 43000000 57000000 0 289000000 0 65000000 0 245000000 310000000 222000000 39000000 13000000 0 274000000 945000000 392000000 253000000 245000000 1835000000 446000000 209000000 165000000 0 820000000 165000000 41000000 45000000 0 251000000 0 67000000 0 285000000 352000000 187000000 31000000 17000000 0 235000000 798000000 348000000 227000000 285000000 1658000000 1554000000 740000000 575000000 0 2869000000 566000000 119000000 174000000 0 859000000 0 199000000 0 811000000 1010000000 643000000 117000000 41000000 0 801000000 2763000000 1175000000 790000000 811000000 5539000000 1324000000 563000000 458000000 0 2345000000 502000000 131000000 131000000 0 764000000 0 192000000 0 872000000 1064000000 588000000 103000000 45000000 0 736000000 2414000000 989000000 634000000 872000000 4909000000 0.67 0.63 0.10 0.10 0.13 0.10 Restructuring and Other (Credits) Charges<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:46.122%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.331%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom"><span style="color:#000000;font-

family:'Times New Roman',sans-serif;font-size:10pt;font-weight:700;line-height:100%">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Layoff costs</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Reversals of previously recorded layoff reserves</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle"> Pension and Other post-retirement benefits - net settlements (E) </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Net (gain) loss related to divestitures of assets and businesses (P) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-

align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Total restructuring and other (credits) charges</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> In the third quarter of 2024, the Company recorded Restructuring and other credits of $1, which were primarily due to a $1 gain related to the resolution of post-closing adjustments from the May 2024 sale of a small U.K. manufacturing facility in Engineered Structures and a reversal of $1 for a layoff reserve related to a prior period, partially offset by a $1 charge for layoff costs. In the nine months ended September 30, 2024, the Company recorded Restructuring and other (credits) charges of $21, which were primarily due to a net loss on the sale of a small U.K. manufacturing facility in Engineered Structures of $13, an $8 charge for layoff costs, including the separation of 293 employees (144 in Fastening Systems, 111 in Engineered Structures and 38 in Forged Wheels), and exit related costs, including accelerated depreciation, of $2, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1 and a reversal of $1 for a layoff reserve related to a prior period. In the third quarter of 2023, the Company recorded Restructuring and other (credits) charges of $4, which were primarily due to charges for a Canadian pension plan settlement of $2, layoff charges of $1, and exit related costs, including accelerated depreciation of $1. In the nine months ended September 30, 2023, the Company recorded Restructuring and other (credits) charges of $8, which were primarily due to charges for a U.S. and Canadian pension plan settlements of $5, exit related costs, including accelerated depreciation of $3, and layoff charges of $1, partially offset by a reversal of $1 for a layoff reserve related to a prior period.</div><div style="margin-bottom:6pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:55.040%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.935%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:13.373%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.206%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Layoff costs</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Other exit costs</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Reserve balances at December 31, 2023</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Cash payments</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring charges</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Other(1) </td><td colspan="2" style="background-

color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Reserve balances at September 30, 2024</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> (1)In the nine months ended September 30, 2024, other for other exit costs included a net loss of $13 on the sale of a small U.K. manufacturing facility and a charge of $2 for accelerated depreciation, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1.</div><div style="margin-bottom:6pt;margin-top:6pt">The remaining reserves as of September 30, 2024 are expected to be paid in cash during the remainder of 2024 and 2025.</div> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:46.122%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.331%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Layoff costs</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Reversals of previously recorded layoff reserves</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle"> Pension and Other post-retirement benefits - net settlements (<a href="#i5e65cfa16dac4974a814669c8d2b0e92_49" style="color:#0000ff;font-family:'Times New Roman',sans-serif;font-size:10pt;font-

weight:400;line-height:100%;text-decoration:underline">E) </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Net (gain) loss related to divestitures of assets and businesses (P) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Total restructuring and other (credits) charges</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 1000000 1000000 8000000 1000000 1000000 0 1000000 1000000 0 -2000000 0 -5000000 1000000 0 -12000000 0 0 1000000 2000000 3000000 -1000000 4000000 21000000 8000000 -1000000 -1000000 1000000 1000000 21000000 -13000000 8000000 293 144 111 38 2000000 1000000 1000000 4000000 -2000000 1000000 1000000 8000000 -5000000 3000000 1000000 1000000 <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:55.040%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.935%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:13.373%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.206%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Layoff costs</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Other exit costs</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Reserve balances at December 31, 2023</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-

family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Cash payments</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Restructuring charges</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"><div style="padding-left:6.75pt">Other(1)</div></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Reserve balances at September 30, 2024</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> (1)In the nine months ended September 30, 2024, other for other exit costs included a net loss of $13 on the sale of a small U.K. manufacturing facility and a charge of $2 for accelerated depreciation, partially offset by a gain on the sale of assets at a small U.K. manufacturing facility in Engine Products of $1. 5000000 2000000 7000000 6000000 1000000 7000000 7000000 14000000 21000000 0 14000000 14000000 6000000 1000000 7000000 -13000000 2000000 1000000 Pension and Other Postretirement Benefits The components of net periodic cost (benefit) were as follows:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:middle"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Pension benefits</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-

size:10pt;font-weight:400;line-height:100%">Service cost</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Interest cost</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">56 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Expected return on plan assets</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(17)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(18)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(52)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(55)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Recognized net actuarial loss</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Settlements</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle"> Net periodic cost(1) </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-

align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Other postretirement benefits</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Service cost</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Interest cost</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Recognized net actuarial gain</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Amortization of prior service benefit</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7) </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" 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style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Net periodic benefit(1) </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> (1)Service cost was included within Cost of goods sold and Selling, general administrative, and other expenses; settlements were included in Restructuring and other (credits) charges; all other cost components were recorded in Other expense, net in the Statement of Consolidated Operations. Pension benefits In the third quarter and nine months ended September 30, 2023, the Company applied settlement accounting to its Canadian pension plan due to lump sum payments made to participants, reducing gross pension obligations by $12. In June 2023, the Company also undertook additional actions to reduce gross pension obligations by $19 by purchasing group annuity contracts from a third-party carrier to pay and administer future annuity payments of a U.S. pension plan. Settlement charges of $2 and $5 were recognized in the third quarter and nine months ended September 30, 2023, respectively. All settlement charges were recorded in Restructuring and other (credits) charges in the Statement of Consolidated Operations. For the third quarter and nine months ended September 30, 2024, Howmet's combined pension contributions and other postretirement benefit payments were approximately $19 and $41, respectively. For the third quarter and nine months ended September 30, 2023, Howmet's combined pension contributions and other postretirement benefit payments were approximately $9 and $28, respectively <div style="margin-top:6pt">The components of net periodic cost (benefit) were as follows:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:middle"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Pension benefits</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Service cost</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-

align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Interest cost</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">56 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Expected return on plan assets</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(17)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(18)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(52)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(55)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Recognized net actuarial loss</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Settlements</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle"> Net periodic cost(1) </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 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style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Other postretirement benefits</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Service cost</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Interest cost</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Recognized net actuarial gain</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Amortization of prior service benefit</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" 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1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px

0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" 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Consolidated Operations. 1000000 0 2000000 2000000 18000000 20000000 56000000 60000000 17000000 18000000 52000000 55000000 -9000000 -7000000 -25000000 -21000000 0 -2000000 0 -5000000 11000000 11000000 31000000 33000000 0 1000000 0 1000000 1000000 2000000 4000000 5000000 1000000 1000000 2000000 2000000 -2000000 -3000000 -7000000 -7000000 -2000000 -1000000 -5000000 -3000000 -12000000 -12000000 -19000000 -2000000 -5000000 19000000 41000000 9000000 28000000 Other Expense, Net<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td 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colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle"> Non-service costs - pension and other postretirement benefits (E) </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">24 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">22 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Interest income</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(15)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(15)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-

align:middle">Foreign currency losses, net</td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net realized and unrealized losses</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Deferred compensation</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Other, net</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(27)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:middle">Total other expense, net</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">49 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td 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style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3"

style="padding:2px 1pt;text-align:left;vertical-align:middle"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Non-service costs - pension and other postretirement benefits (E) </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">24 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">22 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Interest income</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(15)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(15)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Foreign currency losses, net</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net realized and unrealized losses</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Deferred compensation</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-

align:middle">Other, net</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(27)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:middle">Total other expense, net</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">49 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 8000000 7000000 24000000 22000000 4000000 5000000 15000000 15000000 -2000000 -5000000 -9000000 -3000000 -5000000 -6000000 -18000000 -17000000 6000000 -1000000 14000000 5000000 0 1000000 1000000 27000000 -17000000 -11000000 -49000000 -5000000 -25000000 1000000 65000000 Income Taxes The Company’s year-to-date tax provision is comprised of the most recent estimated annual effective tax rate applied to year-to-date pre-tax ordinary income. The tax impacts of unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, are recorded discretely in the interim period in which they occur. In addition, the tax provision is adjusted for the interim period impact of non-benefited pre-tax losses. The estimated annual effective tax rate, before discrete items, applied to ordinary income was 20.9% in both the third quarter and nine months ended September 30, 2024, and 23.0% in both the third quarter and nine months ended September 30, 2023. The 2024 rate was lower than the 2023 rate and the U.S. federal statutory rate of 21% primarily due to a net benefit related to U.S. federal and state research and development (“R&D”) credits, a U.S. deduction on Foreign Derived Intangible Income (“FDII”), and a U.S. tax benefit recognized for foreign tax credits, partially offset by additional U.S. tax on Global Intangible Low-Taxed Income (“GILTI”), incremental state tax, nondeductible expenses, and foreign earnings subject to tax in jurisdictions with tax rates higher than the U.S. federal statutory rate of 21%. The 2023 rate was higher than the U.S. federal statutory rate of 21% primarily due to additional U.S. tax on GILTI and other foreign earnings, incremental state tax and foreign taxes on earnings also subject to U.S. federal income tax, nondeductible expenses, and foreign earnings subject to tax in jurisdictions with tax rates higher than the U.S. federal statutory rate of 21%. For the third quarter of 2024 and 2023, the tax rate including discrete items was 6.2% and 22.3%, respectively. In the third quarter of 2024, the Company recorded a discrete net tax benefit of $46 primarily attributable to a $44 net benefit related to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Company’s R&D study, the substantial portion of which are U.S. federal credits which have been approved under audit by the U.S. Internal Revenue Service, and a $2 excess tax benefit for stock compensation. In the third quarter of 2023, the Company recorded a discrete net tax benefit of $1 for other small items. For the nine months ended September 30, 2024 and 2023, the tax rate including discrete items was 15.1% and 25.0%, respectively. For the nine months ended September 30, 2024, the Company recorded a discrete net tax benefit of $58 primarily attributable to a $44 net benefit related to additional U.S. federal and state R&D credits claimed for prior years upon completion of the Company’s R&D study, the substantial portion of which are U.S. federal credits which have been approved under audit by the U.S. Internal Revenue Service, a $9 excess tax benefit for stock compensation, a $6 benefit to release a valuation allowance related to U.S. foreign tax credits, and a net tax charge of $1 for other small items. For the nine months ended September 30, 2023, the Company recorded a discrete net tax charge of $13 attributable to a $20 charge for a tax reserve established in France (See Note Q) and a net tax charge of $1 for other small items, reduced by an $8 excess tax benefit for stock compensation. The tax provision was comprised of the following:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="padding:0 1pt"></td><td

colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Pre-tax income at estimated annual effective income tax rate before discrete items</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">74 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">55 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">207 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">162 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Impact of change in estimated annual effective tax rate on previous quarter's pre-tax income</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(5) </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Tax reserve (Q) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Other discrete items</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(46)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(1) </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(58)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(7)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for income taxes</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">22 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid

#000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">150 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">176 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 0.209 0.209 0.230 0.230 0.062 0.223 -46000000 44000000 -2000000 -1000000 0.151 0.250 -58000000 44000000 -9000000 6000000 1000000 13000000 20000000 1000000 -8000000 The tax provision was comprised of the following:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Pre-tax income at estimated annual effective income tax rate before discrete items</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">74 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">55 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">207 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">162 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Impact of change in estimated annual effective tax rate on previous quarter's pre-tax income</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(5)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Tax reserve (Q) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle">

</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Other discrete items</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(46)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(1) </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(58)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(7)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Provision for income taxes</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">22 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">150 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">176 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table></div> 74000000 55000000 207000000 162000000 -5000000 0 0 0 -1000000 0 1000000 1000000 0 0 0 20000000 -46000000 -1000000 -58000000 -7000000 22000000 54000000 150000000 176000000 Earnings Per Share and Common Stock<div style="margin-top:6pt">Basic earnings per share (“EPS”) amounts are computed by dividing earnings, after the deduction of preferred stock dividends declared, by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding.</div><div style="margin-top:6pt">The information used to compute basic and diluted EPS attributable to Howmet common shareholders was as follows (shares in millions in the table below): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Net income</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">332 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">188 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-

align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">841 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">529 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Less: preferred stock dividends declared</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:top">Net income available to Howmet Aerospace common shareholders - basic and diluted</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">331 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">187 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">839 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">527 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:top">Average shares outstanding - basic</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">408 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">412 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">408 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">412 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Effect of dilutive securities:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Stock and performance awards</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Average shares outstanding - diluted</td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px

1pt;text-align:right;vertical-align:middle">410 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">415 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">411 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">417 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr></table> Common stock outstanding as of September 30, 2024 and 2023 was 407,129,690 and 411,742,755, respectively. The following table provides details for share repurchases made for the periods presented: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:56.063%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.496%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.496%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.499%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Number of shares</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Average price per share(1) </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q1 2024 open market repurchase</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,243,259 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">66.87 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">150 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q2 2024 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">734,737 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">81.66 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q3 2024 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,061,323 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">94.22 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">100 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2024 Share repurchases as of September 30, 2024 </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,039,319 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">76.75 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">310 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q1 2023 open market repurchase</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">576,629 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">43.36 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q2 2023 open market repurchase</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,246,294 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">44.52 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">100 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q3 2023 open market repurchase</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">506,800 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">49.32 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>2023 Share repurchases as of September 30, 2023</div></td><td colspan="2" style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,329,723 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">45.05 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">150 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr></table> (1) Excludes commissions cost. The Company has a share repurchase program (the “Share Repurchase Program”) that, after giving effect to the additional $90 share repurchases made in October 2024 at an average price per share of $103.15, retiring approximately 0.9 million shares, has approximately $2,297 in Board authorization remaining available as of October 31, 2024. The current Share Repurchase Program was authorized by the Company’s Board of Directors on August 18, 2021 at $1,500, which was increased by the Board by $2,000 on July 30, 2024. Under the Company’s Share Repurchase Program, the Company may repurchase shares by means of trading plans established from time to time in accordance with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, block trades, private transactions, open market repurchases and/or accelerated share repurchase agreements, or other derivative transactions. There is no stated expiration for the Share Repurchase Program. Under its Share Repurchase Program, the Company may repurchase shares from time to time, in amounts, at prices, and at such times as the Company deems appropriate, subject to market conditions, legal requirements and other considerations. The Company is not obligated to repurchase any specific number of shares or to do so at any particular time, and the Share Repurchase Program may be suspended, modified, or terminated at any time without prior notice. As average shares outstanding are used in the calculation for both basic and diluted EPS, the full impact of share repurchases and issuances was not fully realized in EPS in the period of repurchase or issuance since share activity may occur at varying points during a period. There were no shares relating to outstanding stock options excluded from the calculation of average shares outstanding - diluted for the third quarter and nine months ended September 30, 2024 and 2023. <span style="color:#000000;font-family:'Times New

Roman',sans-serif;font-size:10pt;font-weight:400;line-height:120%">Common stock dividends declared were $0.16 per share in the third quarter of 2024 (of which $0.08 per share were paid) and $0.26 per share in the nine months ended September 30, 2024 (of which $0.18 per share were paid). Common stock dividends declared were $0.09 per share in the third quarter of 2023 (of which $0.04 per share were paid) and $0.17 per share in the nine months ended September 30, 2023 (of which $0.12 per share were paid).</div> <div style="margin-top:6pt">Basic earnings per share ("EPS") amounts are computed by dividing earnings, after the deduction of preferred stock dividends declared, by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding.</div> <div style="margin-top:6pt">The information used to compute basic and diluted EPS attributable to Howmet common shareholders was as follows (shares in millions in the table below):<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.561%"><tr><td style="width:1.0%"></td><td style="width:53.966%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.387%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.472%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.827%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.477%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Net income</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">332 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">188 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">841 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">529 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Less: preferred stock dividends declared</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Net income available to Howmet Aerospace common shareholders – basic and diluted</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">331 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">187 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">839 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">527 </td><td

style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Average shares outstanding - basic</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">408 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">412 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">408 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">412 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Effect of dilutive securities:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Stock and performance awards</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:top">Average shares outstanding - diluted</td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">410 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">415 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">411 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">417 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr></table> 332000000 188000000 841000000 529000000 1000000 1000000 2000000 2000000 331000000 331000000 187000000 187000000 839000000 839000000 527000000 527000000 408000000 412000000 408000000 412000000 2000000 3000000 3000000 5000000 410000000 415000000 411000000 417000000 407129690 411742755 The following table provides details for share repurchases made for the periods presented: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:56.063%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.496%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.496%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.499%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Number of shares</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Average price per share(1) </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q1 2024 open market repurchase</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,243,259 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">66.87 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">150 </td><td

style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q2 2024 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">734,737 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">81.66 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q3 2024 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,061,323 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">94.22 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">100 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2024 Share repurchases as of September 30, 2024 </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,039,319 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">76.75 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">310 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q1 2023 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">576,629 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">43.36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q2 2023 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,246,294 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">44.52 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">100 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Q3 2023 open market repurchase</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times

New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">506,800 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">49.32 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2023 Share repurchases as of September 30, 2023 </td><td colspan="2" style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,329,723 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">45.05 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">150 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td></tr></table> (1) Excludes commissions cost. 2243259 66.87 150000000 734737 81.66 60000000 1061323 94.22 100000000 4039319 76.75 310000000 576629 43.36 25000000 2246294 44.52 100000000 506800 49.32 25000000 3329723 45.05 150000000 90000000 103.15 900000 2297000000 1500000000 2000000000 0 0 0 0 0.16 0.08 0.26 0.18 0.09 0.04 0.17 0.12 Accumulated Other Comprehensive Loss The following table details the activity of the three components that comprise Accumulated other comprehensive loss:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.707%"><tr><td style="width:1.0%"></td><td style="width:51.539%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.897%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.826%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.897%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:1.119%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.897%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.826%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.899%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Pension and other postretirement benefits (E) </td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at beginning of period</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(682)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(644)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(689)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(653)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Other comprehensive income (loss):</td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"

style="background-color:#ccceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Unrecognized net actuarial gain and prior service benefit</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Tax expense</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total Other comprehensive income before reclassifications, net of tax</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">6 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">2 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">6 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Amortization of net actuarial loss and prior service benefit(1) </td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Tax expense(2) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Total amount reclassified from Accumulated other comprehensive loss, net of tax(3) </td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">5 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">4 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">13 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">13 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Total Other comprehensive income</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">8 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3"

style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">10 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">15 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">19 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at end of period</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(674)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(634)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(674)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(634)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Foreign currency translation</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,177)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,155)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,136)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,193)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Other comprehensive income (loss)(4) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">71 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(56)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(18)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at end of period</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(1,106)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(1,211)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-

align:right;vertical-align:middle">(1,106)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(1,211)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Cash flow hedges</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Other comprehensive (loss) income:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Net change from periodic revaluations</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(25)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(22)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Tax benefit</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total Other comprehensive (loss) income before reclassifications, net of tax</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(19)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(17)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(10)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Net amount reclassified to earnings</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-

serif;font-size:10pt;font-weight:400;line-height:100%">1 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Tax expense(2) </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Total amount reclassified from Accumulated other comprehensive income, net of tax(3) </td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">4 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Total Other comprehensive (loss) income</td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(19)</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">4 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(13)</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(10)</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at end of period</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(18)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(5)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(18)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(5)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Accumulated other comprehensive loss</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,798)</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,850)</td><td

style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,798)</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,850)</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr></table> (1)These amounts were recorded in Restructuring and other (credits) charges (See Note D) and Other expense, net (See Note F) in the Statement of Consolidated Operations. (2)These amounts were included in Provision for income taxes (See Note G) in the Statement of Consolidated Operations. (3)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. (4)In all periods presented, no amounts were reclassified to earnings. The following table details the activity of the three components that comprise Accumulated other comprehensive loss:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.707%"><tr><td style="width:1.0%"></td><td style="width:51.539%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.897%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.826%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.897%"></td><td style="width:0.1%"></td><td style="width:1.119%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.897%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.826%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.899%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Third quarter ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine months ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Pension and other postretirement benefits (E) </td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at beginning of period</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(682)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(644)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(689)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(653)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Other comprehensive income (loss):</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"

style="background-color:#ccceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Unrecognized net actuarial gain and prior service benefit</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Tax expense</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total Other comprehensive income before reclassifications, net of tax</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">6 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">2 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">6 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Amortization of net actuarial loss and prior service benefit(1) </td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Tax expense(2) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Total amount reclassified from Accumulated other comprehensive loss, net of tax(3) </td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">5 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">4 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">13 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">13 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Total Other comprehensive income</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">8 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3"

style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">10 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">15 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">19 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at end of period</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(674)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(634)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(674)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(634)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Foreign currency translation</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,177)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,155)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,136)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1,193)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Other comprehensive income (loss)(4) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">71 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(56)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(18)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at end of period</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(1,106)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(1,211)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-

align:right;vertical-align:middle">(1,106)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:middle">(1,211)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Cash flow hedges</td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Other comprehensive (loss) income:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Net change from periodic revaluations</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(25)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(22)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Tax benefit</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:middle">Total Other comprehensive (loss) income before reclassifications, net of tax</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(19)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(17)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(10)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Net amount reclassified to earnings</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-

serif;font-size:10pt;font-weight:400;line-height:100%">1 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Tax expense(2) </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle"> Total amount reclassified from Accumulated other comprehensive income, net of tax(3) </td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">4 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Total Other comprehensive (loss) income</td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(19)</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">4 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(13)</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">(10)</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Balance at end of period</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(18)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(5)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(18)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">(5)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Accumulated other comprehensive loss</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,798)</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,850)</td><td

style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,798)</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:middle">(1,850)</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr></table> (1)These amounts were recorded in Restructuring and other (credits) charges (See Note D) and Other expense, net (See Note F) in the Statement of Consolidated Operations. (2)These amounts were included in Provision for income taxes (See Note G) in the Statement of Consolidated Operations. (3)A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings. (4)In all periods presented, no amounts were reclassified to earnings. -682000000 -644000000 -689000000 -653000000 4000000 7000000 3000000 7000000 1000000 1000000 1000000 3000000 6000000 2000000 6000000 -6000000 -5000000 -16000000 -17000000 -1000000 -1000000 -3000000 -4000000 -5000000 -4000000 -13000000 -13000000 8000000 10000000 15000000 19000000 -674000000 -634000000 -674000000 -634000000 -1177000000 -1155000000 -1136000000 -1193000000 71000000 -56000000 30000000 -18000000 -1106000000 -1211000000 -1106000000 -1211000000 1000000 -9000000 -5000000 5000000 -25000000 1000000 -22000000 -13000000 -6000000 0 -5000000 -3000000 -19000000 1000000 -17000000 -10000000 -1000000 -4000000 -6000000 0 -1000000 -1000000 -2000000 0 0 -3000000 -4000000 0 -19000000 4000000 -13000000 -10000000 -18000000 -18000000 -5000000 -1798000000 -1850000000 -1798000000 -1850000000 Receivables Sale of Receivables Programs The Company maintains an accounts receivables securitization arrangement through a wholly-owned special purpose entity ("SPE"). The net cash funding from the sale of accounts receivable was neither a use of cash nor a source of cash for the third quarter or nine months ended September 30, 2024 or September 30, 2023. The accounts receivables securitization arrangement is one in which the Company, through an SPE, has a receivables purchase agreement (the "Receivables Purchase Agreement") pursuant to which the SPE may sell certain receivables to financial institutions until the earlier of January 2, 2026 or a termination event. The Receivables Purchase Agreement contains customary representations and warranties, as well as affirmative and negative covenants. Pursuant to the Receivables Purchase Agreement, the Company does not maintain effective control over the transferred receivables, and therefore accounts for these transfers as sales of receivables. The Receivables Purchase Agreement also contains a provision that allows the Company to increase the limit to $325. The facility limit under the Receivables Purchase Agreement was $250 as of both September 30, 2024 and December 31, 2023, of which $250 was drawn as of both September 30, 2024 and December 31, 2023. As collateral against the sold receivables, the SPE maintains a certain level of unsold receivables, which were $231 and $197 as of September 30, 2024 and December 31, 2023, respectively. The Company sold $503 and $1,233 of its receivables without recourse and received cash funding under this program during the third quarter and nine months ended September 30, 2024, respectively, resulting in derecognition of the receivables from the Company's Consolidated Balance Sheet. The Company sold $439 and $1,158 of its receivables without recourse and received cash funding under the program during the third quarter and nine months ended September 30, 2023, respectively, resulting in derecognition of the receivables from the Company's Consolidated Balance Sheet. Costs associated with the sales of receivables are reflected in the Company's Statement of Consolidated Operations for the periods in which the sales occur. Cash receipts from sold receivables under the Receivables Purchase Agreement are presented within operating activities in the Statement of Consolidated Cash Flows. Other Customer Receivable Sales In the third quarter and nine months ended September 30, 2024, the Company sold $172 and $517, respectively, of certain customers' receivables in exchange for cash ($167 was outstanding from customers as of September 30, 2024), the proceeds from which are presented in changes in receivables within operating activities in the Statement of Consolidated Cash Flows. In the third quarter and nine months ended September 30, 2023, the Company sold $140 and $429, respectively, of certain customers' receivables in exchange for cash ($134 was outstanding from customers as of September 30, 2023), the proceeds from which are presented in changes in receivables within operating activities in the Statement of Consolidated Cash Flows. 325000000 250000000 250000000 250000000 250000000 231000000 197000000 503000000 1233000000 439000000 1158000000 172000000 517000000 167000000 140000000 429000000 134000000 Inventories<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.081%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.299%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Finished goods</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New

Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">475 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">451 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:middle">Work-in-process</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">923 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">891 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Purchased raw materials</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">433 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">355 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:middle">Operating supplies</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">71 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">68 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Total inventories</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,902 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,765 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> As of September 30, 2024 and December 31, 2023, the portion of inventories valued on a last-in, first-out ("LIFO") basis was $505 and $446, respectively. If valued on an average-cost basis, total inventories would have been $265 and $236 higher as of September 30, 2024 and December 31, 2023, respectively.</div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.081%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.299%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Finished goods</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">475 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">451 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:middle">Work-in-process</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">923 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">891 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Purchased raw materials</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">433 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">355 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:middle">Operating supplies</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">71 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">68 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Total inventories</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,902 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-

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colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,185 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:middle">Less: accumulated depreciation and amortization</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,193 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,081 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 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style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">224 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:middle">Properties, plants, and equipment, net</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,358 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 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style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.373%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.300%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Land and land rights</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 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style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,288 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,185 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:middle">Less: accumulated depreciation and amortization</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,193 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,081 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,095 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,104 </td><td style="border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:middle">Construction work-in-progress</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">263 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">224 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:middle">Properties, plants, and equipment, net</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,358 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,328 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 84000000 88000000 1031000000 1018000000 4173000000 4079000000 5288000000 5185000000 3193000000 3081000000 2095000000 2104000000 263000000 224000000 2358000000 2328000000 71000000 44000000 Leases Operating lease cost, which includes short-term leases and variable lease payments and approximates cash paid, was $18 and $16 in the third quarter of 2024 and 2023, respectively, and $50 and $48 in the nine months ended September 30, 2024 and 2023, respectively.</div><div style="margin-top:6pt">Operating lease right-of-use assets and lease liabilities in the Consolidated Balance Sheet were as follows:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.081%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.299%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Right-of-use assets classified in Other noncurrent assets</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">159 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">128 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr style="height:11pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle"> Current portion of lease liabilities<span style="color:#000000;font-family:'Times New Roman',sans-

*serif;font-size:6.5pt;font-weight:400;line-height:100%;position:relative;top:-3.5pt;vertical-align:baseline"> classified in Other current liabilities </td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">122 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">97 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Total lease liabilities</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">160 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">129 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> 18000000 16000000 50000000 48000000 Operating lease right-of-use assets and lease liabilities in the Consolidated Balance Sheet were as follows:<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.081%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.299%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle">Right-of-use assets classified in Other noncurrent assets</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">159 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">128 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr style="height:11pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Current portion of lease liabilities classified in Other current liabilities </td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:middle">Long-term portion of lease liabilities classified in Other noncurrent liabilities and deferred credits</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">122 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">97 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Total lease liabilities</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">160 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-

weight:400;line-height:100%">129 </td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> 159000000 128000000 38000000 32000000 122000000 97000000 160000000 129000000 Debt<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.081%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.299%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 5.125% Notes, due 2024 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">205 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 6.875% Notes, due 2025 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">600 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">USD Term Loan Facility, due 2026</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">200 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">200 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">JPY Term Loan Facility, due 2026</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">208 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">211 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 5.900% Notes, due 2027 </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 6.750% Bonds, due 2028 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">300 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">300 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 3.000% Notes, due 2029 </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">700 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">700 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 4.850% Notes, due 2031(1) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">500 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 5.950% Notes, due 2037 </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 4.750% Iowa Finance Authority Loan, due 2042 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">250 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">250 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> <span style="color:#000000;font-

family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">Other, net(2) </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(10)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,394 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,706 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:middle">Less: amount due within one year</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">206 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:middle">Total long-term debt</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,393 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,500 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> (1)The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately €458 million with a fixed annual interest rate of 3.720%. (2)Includes unamortized debt discounts and unamortized debt issuance costs related to outstanding notes and bonds listed in the table above and various financing arrangements related to subsidiaries. Public Debt In January 2023, the Company repurchased approximately $26 aggregate principal amount of the 5.125% Notes due October 2024 (the “2024 Notes”) through an open market repurchase (“OMR”). The OMR was settled at slightly less than par value. On March 29, 2023, the Company completed the early partial redemption of an additional $150 aggregate principal amount of the 2024 Notes in accordance with the terms of the notes, and paid an aggregate of $155, including accrued interest and an early termination premium of approximately $4 and $1, respectively, which were recorded in Interest expense, net, and Loss on debt redemption, respectively, in the Statement of Consolidated Operations. On September 28, 2023, the Company completed an early redemption of its outstanding 2024 Notes in the aggregate principal amount of $200. Such 2024 Notes were redeemed at par with cash on hand at an aggregate redemption price of approximately $205, including accrued interest of approximately $5. In the second quarter of 2024, the Company repurchased approximately $23 aggregate principal amount of the 6.875% Notes due May 2025 (the “2025 Notes”) through an OMR. The OMR was settled at slightly more than par value. On July 1, 2024, the Company completed the early redemption of all of the remaining outstanding principal amount of $205 of the 2024 Notes. The Company redeemed the 2024 Notes at par value plus accrued interest. The 2024 Notes were redeemed with cash on hand at an aggregate redemption price of approximately $208, including accrued interest of approximately $3. On August 22, 2024, the Company completed an offering of $500 aggregate principal amount of the 4.850% Notes due October 2031 (the “2031 Notes”). The Company entered into a cross-currency swap to synthetically convert the 2031 Notes into a Euro liability of approximately €458 million. The fixed interest rate on the Euro liability is approximately 3.720% per annum. On August 23, 2024, the Company completed the early redemption of all of the remaining outstanding principal amount of approximately $577 of its 2025 Notes in accordance with the terms of the notes. The Company completed the redemption with the net proceeds from the aforementioned offering of its 2031 Notes and cash on hand at an aggregate redemption price of approximately $594, including accrued interest and an early termination premium of approximately $12 and $5, respectively, which were recorded in Interest expense, net, and Loss on debt redemption, respectively, in the Statement of Consolidated Operations. Term Loan Facilities The Company maintains (i) a U.S. dollar-denominated, senior unsecured term loan facility (the “USD Term Loan Facility”) and (ii) a Japanese yen-denominated, senior unsecured term loan facility (the “JPY Term Loan Facility”), each of which matures on November 22, 2026 unless earlier terminated in accordance with the provisions of the applicable term loan agreement. The term loan agreements relating to these facilities contain respective covenants, including, among others, a limitation requiring the ratio of Consolidated Net Debt to Consolidated EBITDA (as defined in the agreements) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be less than or equal to 3.75 to 1.00. As of September 30, 2024 and December 31, 2023, the Company was in compliance with all covenants under

the USD Term Loan Facility and JPY Term Loan Facility. The amounts outstanding under the USD Term Loan Facility were $200 as of September 30, 2024 and December 31, 2023. The amounts outstanding under the JPY Term Loan Facility were ¥29,702 million ($208) and ¥29,702 million ($211) as of September 30, 2024 and December 31, 2023, respectively. The Company has entered into interest rate swaps to exchange the floating interest rates of the USD Term Loan Facility and JPY Term Loan Facility to fixed annual interest rates of 5.795% and 2.044%, respectively. Credit Facility The Company has entered into a Five-Year Revolving Credit Agreement (the "Credit Agreement") that provides a $1,000 senior unsecured revolving credit facility that matures on July 27, 2028. The Credit Agreement contains covenants, including, among others, a limitation requiring the ratio of Consolidated Net Debt to Consolidated EBITDA (as defined in the Credit Agreement) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be less than or equal to 3.75 to 1.00. As of September 30, 2024 and December 31, 2023, the Company was in compliance with all covenants under the Credit Agreement. There were no amounts outstanding under the Credit Agreement as of September 30, 2024 or December 31, 2023, and no amounts were borrowed during 2024 or 2023 under the Credit Agreement. Commercial Paper On April 4, 2024, the Company established a commercial paper program under which the Company may issue unsecured commercial paper notes ("commercial paper") from time to time up to a maximum aggregate face amount of $1,000 outstanding at any time. The maturities of the commercial paper may vary but will not exceed 397 days from the date of issue and will rank equal in right of payment with all other unsecured senior indebtedness of the Company. The proceeds of the commercial paper will be used for general corporate purposes.</div><div style="margin-bottom:6pt;margin-top:6pt">There were no amounts outstanding under the commercial paper program as of September 30, 2024. </div> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:63.081%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.297%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.299%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>5.125% Notes, due 2024</div></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">205 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 6.875% Notes, due 2025 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">600 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">USD Term Loan Facility, due 2026</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">200 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">200 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">JPY Term Loan Facility, due 2026</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">208 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">211 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 5.900% Notes, due 2027 </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span

style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 6.750% Bonds, due 2028 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">300 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">300 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 3.000% Notes, due 2029 </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">700 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">700 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 4.850% Notes, due 2031(1) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">500 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 5.950% Notes, due 2037 </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">625 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 4.750% Iowa Finance Authority Loan, due 2042 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">250 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">250 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:middle"> Other, net(2) </td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(10) </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,394 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,706 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 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#000000;padding:2px 0;text-align:right;vertical-align:bottom">3,393 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,500 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> (1)The Company entered into a cross-currency swap to synthetically 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(2)Includes unamortized debt discounts and unamortized debt issuance costs related to outstanding notes and bonds listed in the table above and various financing arrangements related to subsidiaries.
0.05125 0 205000000 0.06875 0 600000000 200000000 200000000 208000000 211000000 0.05900 625000000 625000000 0.06750 300000000 300000000 0.03000 700000000 700000000 0.04850 500000000 0 0.05950 625000000 625000000 0.04750 250000000 250000000 -14000000 -10000000 3394000000 3706000000 1000000 206000000 3393000000 3500000000 458000000 0.03720 26000000 0.05125 150000000 155000000 4000000 -1000000 200000000 205000000 5000000 23000000 0.06875 205000000 208000000 3000000 500000000 0.04850 458000000 0.03720 577000000 594000000 12000000 -5000000 3.75 200000000 200000000 29702000000 29702000000 208000000 29702000000 29702000000 211000000 0.05795 0.02044 P5Y 1000000000 3.75 0 0 0 0 1000000000 P397D 0 Fair Value of Financial Instruments The carrying values of Cash and cash equivalents, restricted cash, derivatives, noncurrent receivables and Long-term debt due within one year included in the Consolidated Balance Sheet approximate their fair value. The aforementioned derivatives are included in Prepaid expenses and other current

assets, Other noncurrent assets, Other current liabilities and Other noncurrent liabilities and deferred credits in the Consolidated Balance sheet, as applicable. The Company holds exchange-traded fixed income securities which are considered available-for-sale securities and are carried at fair value based on quoted market prices. The aforementioned securities are classified in Level 1 of the fair value hierarchy and are included in Other noncurrent assets in the Consolidated Balance Sheet. The fair value of Long-term debt, less amount due within one year, was based on quoted market prices for public debt and on interest rates that are currently available to Howmet for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Long-term debt were classified in Level 2 of the fair value hierarchy.<table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:49.046%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.600%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Carrying
value</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair
value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Carrying
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value</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:top">Long-term debt</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,393 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,470 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,500 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,504 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Restricted cash, which is included in Prepaid expenses and other current assets in the Consolidated Balance Sheet, was less than $1 as of both September 30, 2024 and December 31, 2023.</div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:49.046%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.600%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Carrying
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style="margin-bottom:6pt;margin-top:6pt">2024 Divestiture On May 31, 2024, the Company completed the sale of a small manufacturing facility in the U.K. within the Engineered Structures segment. The sale, including post-close adjustments, resulted in a year-to-date charge of $13 that was recorded in Restructuring and other (credits) charges in the Statement of Consolidated Operations. -13000000 Contingencies, Commitments and Other Liabilities Contingencies The following information supplements and, as applicable, updates the discussion of the contingencies and commitments in Note U to the Consolidated Financial Statements in our Form 10-K, and should be read in conjunction with the complete descriptions provided in the Form 10-K. Environmental Matters. Howmet participates in environmental assessments and/or cleanups at more than 30 locations. These include owned or operating facilities and adjoining properties, previously owned or operated facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA")) sites. A liability is recorded for environmental remediation when a cleanup program becomes probable and the costs can be reasonably estimated. As assessments and cleanups proceed, the liability is adjusted based on progress made in determining the extent of remedial actions and related costs. The liability can change substantially due to factors such as the nature and extent of contamination, changes in remedial requirements, and technological changes, among others. The Company's remediation reserve balance was $19 and $17 as of September 30, 2024 and December 31, 2023, respectively, and was recorded in Other noncurrent liabilities and deferred credits in the Consolidated Balance Sheet (of which $10 and $7, respectively, was classified as a current liability), and reflects the most probable costs to remediate identified environmental conditions for which costs can be reasonably estimated. Payments related to remediation expenses applied against the reserve were less than $1 and $2 in the third quarter and nine months ended September 30, 2024, respectively, and included expenditures currently mandated, as well as those not required by any regulatory authority or third party. Included in annual operating expenses are the recurring costs of managing hazardous substances and environmental programs. These costs are estimated to be less than 1% of Cost of goods sold. Tax. In December 2013 and 2014, the Company received audit assessment notices from the French Tax Authority ("FTA") for the 2010 through 2012 tax years. In 2016, the Company appealed to the Committee of the Abuse of Tax Law, where it received a favorable nonbinding decision. The FTA disagreed with the Committee of the Abuse of Tax Law's opinion, and the Company appealed to the Montreuil Administrative Court, where in 2020 the Company prevailed on the merits. The FTA appealed this decision to the Paris Administrative Court of Appeal in 2021. On March 31, 2023, the Company received an adverse decision from the Paris Administrative Court of Appeal. The Company appealed this decision to the French Administrative Supreme Court. The assessment amount was $17 (€16 million), including $10 (€9 million) of tax and interest up through 2017 and $7 (€7 million) of penalties. The Company estimates additional interest to be $2 (€2 million). On July 23, 2024, the Company received the French Administrative Supreme Court's decision. That decision upheld the assessment of $10 (€9 million) of tax and interest, while cancelling the penalties of $7 (€7 million) and remanding the penalty assessment issue to the Paris Administrative Court of Appeal for reexamination. As a result, the Company has no further right to appeal the assessment of tax and interest but will continue to protest the penalties. In 2023, the Company recorded an income tax reserve in Provision for income taxes in the Statement of Consolidated Operations of $21 (€19 million), which includes tax, estimated interest and penalties, for the 2010 through 2012 tax years, as well as the remaining tax years open for reassessment (2020-2023). In accordance with FTA dispute resolution practices, the Company paid the assessment amount including tax, interest, and penalties, to the FTA in December 2023. The Company is expecting to pay the additional interest related to the assessment in 2024. The Company also paid the estimated tax related to the 2020-2023 tax years during 2023. No changes were made to the income tax reserve as of June 30, 2024 as a result of the French Administrative Supreme Court's decision. As of the start of the third quarter of 2024, the Company no longer records an uncertain tax position related to the tax and interest assessed. In October 2024, the Company received a refund of the penalties that were remanded. We will continue to record an income tax reserve for penalties determined more than likely to be upheld, until the uncertain tax position is settled. Indemnified Matters. The Separation and Distribution Agreement, dated October 31, 2016, that the Company entered into with Alcoa Corporation in connection with its separation from Alcoa Corporation, provides for cross-indemnities between the Company and Alcoa Corporation for claims subject to indemnification. The Separation and Distribution Agreement, dated March 31, 2020, that the Company entered into with Arconic Corporation in connection with its separation from Arconic Corporation, provides for cross-indemnities between the Company and Arconic Corporation for claims subject to indemnification. To date, Alcoa Corporation and Arconic Corporation have fulfilled their respective indemnification obligations, and claims subject to indemnification by Alcoa Corporation or Arconic Corporation have not impacted the Company financially. Among other claims that are covered by these indemnities, Arconic Corporation indemnifies the Company (previously named Arconic Inc. and, prior to that, Alcoa Inc.) for all potential liabilities associated with the fire that occurred at the Grenfell Tower in London, U.K. on June 14, 2017, including the following legal proceedings, as updated from the Form 10-K: Regulatory Investigations in the U.K. On September 4, 2024, the Public Inquiry ordered by the British government published its Phase 2 report on the Grenfell fire. Raul v. Albaugh, et al. (derivative related claim). On October 22, 2024, the parties executed a settlement term sheet that set forth the material terms and conditions associated with the resolution of this derivative action. On October 28, 2024, the parties filed a joint status report regarding this development. On October 30, 2024, the court ordered that the parties file a joint status report or a stipulation of dismissal on or before November 28, 2024. The parties plan to enter into a formal, final Stipulation and Agreement of Settlement, Compromise, and Release in the near term, which will be presented to the court for approval. With respect to the United Kingdom Litigation (various claims on behalf of survivors and estates of decedents) described in the Form 10-K, there are no updates. Lehman Brothers International (Europe) Legal Proceeding. On June 26, 2020, Lehman Brothers International (Europe) ("LBIE") filed proceedings in the High Court of Justice, Business and Property Courts of England and Wales against two subsidiaries of the Company, FR Acquisitions Corporation (Europe) Ltd and JFB Firth Rixson Inc. (collectively, the "Firth Rixson Entities"). The proceedings concerned two interest rate swap transactions that the Firth Rixson Entities entered into with LBIE in 2007 and 2008. On June 15, 2023, the Company, the Firth Rixson Entities, and LBIE reached a full and final settlement of all claims arising out of the LBIE legal proceeding. The settlement provided for a payment of $40: $15 paid in July 2023 and $25 paid in July 2024. Lockheed Martin Corp v. Howmet Aerospace Inc. On November 30, 2023, Lockheed Martin Corporation ("Lockheed Martin") filed a complaint in federal district court in the Northern District of Texas against the Company and its subsidiary RTI Advanced Forming, Inc. ("RTI") as defendants. The complaint alleged that the Company and RTI breached a Master Purchase Order between Lockheed Martin and RTI related to the F-35 Joint Strike Fighter production program between Lockheed Martin and the United States government (the "F-35 Program") by seeking a fair market price adjustment for the provision of titanium mill products under RTI's separate agreements with Lockheed Martin's subcontractors for the F-35 Program. Following various claims and counterclaims and court-ordered mediation, the parties reached a confidential settlement agreement on April 2, 2024, to supply until December 31, 2026 subject to revised terms mutually agreed to by the parties. The settlement had no material impact on the results of operations in the current year. The parties stipulated to the dismissal of all claims and counterclaims with prejudice on April 2, 2024. Other. In addition to the matters discussed above, various other

*lawsuits, claims, and proceedings have been or may be instituted or asserted against the Company, including those pertaining to environmental, product liability, safety and health, employment, tax and antitrust matters. While the amounts claimed in these other matters may be substantial, the ultimate liability cannot currently be determined because of the considerable uncertainties that exist. Therefore, it is possible that the Company's liquidity or results of operations in a period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the results of operations, financial position or cash flows of the Company. Commitments Guarantees. As of September 30, 2024, Howmet had outstanding bank guarantees related to energy contracts, tax matters, customs duties and environmental obligations, among others. The total amount committed under these guarantees, which expire at various dates between 2024 and 2027, was $23 as of September 30, 2024. Pursuant to the Separation and Distribution Agreement, dated as of October 31, 2016, between Howmet and Alcoa Corporation, Howmet was required to provide certain guarantees for Alcoa Corporation, which were included in Other noncurrent liabilities and deferred credits in the Consolidated Balance Sheet. The remaining guarantee which had a fair value of $6 as of September 30, 2024 and December 31, 2023, for which the Company and Arconic Corporation are secondarily liable in the event of a payment default by Alcoa Corporation, relates to a long-term energy supply agreement that expires in 2047 at an Alcoa Corporation facility. The Company currently views the risk of an Alcoa Corporation payment default on its obligations under the contract to be remote. The Company and Arconic Corporation are required to provide a guarantee up to an estimated present value amount of approximately $1,131 as of both September 30, 2024 and December 31, 2023 in the event of an Alcoa Corporation default. In December 2023, a surety bond with a limit of $80 relating to this guarantee was obtained by Alcoa Corporation to protect Howmet's obligation. This surety bond will be renewed on an annual basis by Alcoa Corporation. Letters of Credit. The Company has outstanding letters of credit primarily related to environmental obligations, insurance obligations and workers' compensation, among others. The total amount committed under these letters of credit, which automatically renew or expire at various dates, primarily in 2024 and 2025, was $91 as of September 30, 2024. Pursuant to the Separation and Distribution Agreements between the Company and Arconic Corporation and between the Company and Alcoa Corporation, the Company is required to retain letters of credit of $48, which are included in the $91 in the above paragraph, that had previously been provided related to the Company, Arconic Corporation, and Alcoa Corporation workers' compensation claims that occurred prior to the respective separation transactions of April 1, 2020 and November 1, 2016. Arconic Corporation and Alcoa Corporation workers' compensation and letters of credit fees paid by the Company are proportionally billed to, and are reimbursed by, Arconic Corporation and Alcoa Corporation, respectively. Also, the Company was required to provide letters of credit for certain Arconic Corporation environmental obligations and, as a result, the Company has $17 of outstanding letters of credit relating to such liabilities, which are also included in the $91 in the above paragraph. Surety Bonds. The Company has outstanding surety bonds primarily related to workers' compensation, customs duties, environmental-related matters, and contract performance. The total amount committed under these annual surety bonds, which automatically renew or expire at various dates, primarily in 2024 and 2025, was $43 as of September 30, 2024. Pursuant to the Separation and Distribution Agreements between the Company and Arconic Corporation and between the Company and Alcoa Corporation, the Company is required to provide surety bonds of $21, which are included in the $43 in the above paragraph, that had previously been provided related to the Company, Arconic Corporation, and Alcoa Corporation workers' compensation claims that occurred prior to the respective separation transactions of April 1, 2020 and November 1, 2016. Arconic Corporation and Alcoa Corporation workers' compensation claims and surety bond fees paid by the Company are proportionately billed to, and are reimbursed by, Arconic Corporation and Alcoa Corporation, respectively. Other Liabilities Supplier Financing Arrangements. On January 1, 2023, the Company adopted the changes issued by the FASB related to disclosure requirements of supplier finance program obligations. We offer voluntary supplier finance programs to suppliers who may elect to sell their receivables to third parties at the sole discretion of both the suppliers and the third parties. The program is at no cost to the Company and provides additional liquidity to our suppliers, if they desire, at their cost. Under these programs, the Company pays the third-party bank rather than the supplier, the stated amount of the confirmed invoices on the original maturity date of the invoices. The Company or the third-party bank may terminate a program upon at least 30 days' notice. Supplier invoices under the program require payment in full no more than 120 days of the invoice date. As of September 30, 2024 and December 31, 2023, supplier invoices that are subject to future payment under these programs were $251 and $258, respectively, and are included in Accounts payable, trade in the Consolidated Balance Sheet. 30 19000000 17000000 10000000 7000000 1000000 2000000 0.01 17000000 16000000 10000000 9000000 7000000 7000000 2000000 2000000 10000000 9000000 -7000000 -7000000 21000000 19000000 2 2 40000000 15000000 25000000 23000000 6000000 6000000 1131000000 1131000000 80000000 91000000 48000000 91000000 17000000 91000000 43000000 21000000 43000000 P30D P120D 251000000 258000000 Subsequent Events Management evaluated all activity of Howmet and concluded that no subsequent events have occurred that would require recognition in the Consolidated Financial Statements or disclosure in the Notes to the Consolidated Financial Statements, except as noted below: See Note H regarding share repurchases made in October 2024. *

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MP#&PO=V]R:W-H965TV1 !X;"]W;W)K&UL4$L! A0#% @ /(UF62FLW#N: @ X 4 !D M ("!IJ8 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ /(UF69->W8OH P C@D !D ("! M5[L 'AL+W=O&PO=V]R:W-H965T#" !X;"]W;W)K&UL4$L! A0#% M @ /(UF65]NAK,\ P +0< !D ("!_<4 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF68XA-#S6 P (P@ !D M ("!#MP 'AL+W=O&PO=V]R M:W-H965T&UL M4$L! A0#% @ /(UF67_*8NY& P 9 X !D ("!:>4 M 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ M/(UF635â P _P\ !D ("!U_@ 'AL+W=O&UL4$L! A0#% @ /(UF63^&N?]6!@ M@C8 !D ("!"0L! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF629(]4"(P Q1 !D M ("!=AL! 'AL+W=O&PO=V]R:W-H M965T&UL4$L! M A0#% @ /(UF65<9)BZA! ZA< !D (")28! 'AL M+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF M6?[+FO E!P \4(!D ("!5#,! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF6?7M$'! !)A< M !D ("!Q$8! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF69A33"CI P :10 !D M ("!M% ! 'AL+W=O&PO=V]R:W-H965T MP( )X' 9 M " @8%7 0!X;"]W;W)K&UL4$L! A0# M% @ /(UF60B\B0-@ P C0L !D ("!,UH! 'AL+W=O M&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF63,4 MW(S= P VQ< !D ("!UFX! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ /(UF6;%)Y\NX @ [D !D M ("!$'H! 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ /(UF64)$:E%G P SA4 T (! M49(! 'AL+W-T>6QE&PO=V]R:V)O;VLN>&UL M4$L! A0#% @ /(UF6;?' S!" @ 0BL !H (!EYP! M 'AL+UJR96QS+W=O XML 85 Show.js IDEA: XBRL DOCUMENT // Edgar(tm) Renderer was created by staff of the U.S. Securities and Exchange Commission. Data and content created by government employees within the scope of their employment are not subject to domestic copyright protection. 17 U.S.C. 105. var Show={};Show.LastAR=null,Show.showAR=function(a,r,w) {if(Show.LastAR)Show.hideAR();var e=a;while(e&&e.nodeName!='TABLE')e=e.nextSibling;if(!e||e.nodeName!='TABLE'){var ref=((window)? w.document:document).getElementById(r);if(ref){e=ref.cloneNode(!0); e.removeAttribute('id');a.parentNode.appendChild(e)}} if(e)e.style.display='block';Show.LastAR=e};Show.hideAR=function(){Show.LastAR.style.display='none'};Show.toggleNext=function(a){var e=a;while(e.nodeName!='DIV')e=e.nextSibling;if(!e.style){}else if(!e.style.display){}else{var d,p_;if(e.style.display=='none'){d='block';p='-'}else{d='none';p='+'} e.style.display=d;if(a.textContent) {a.textContent=p+a.textContent.substring(1)}else{a.innerText=p+a.innerText.substring(1)}}} XML 86 report.css IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ .report table.authRefData{ background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } .report table.authRefData a { display: block; font-weight: bold; } .report table.authRefData p { margin-top: 0px; } .report table.authRefData .hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover { background-color: #2F4497; } .report table.authRefData .body { height: 150px; overflow: auto; width: 400px; } .report table.authRefData table{ font-size: 1em; } /* Report Styles */ .pl a, .pl a:visited { color: black; text-decoration: none; } /* table */ .report { background-color: white; border: 2px solid #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr { border: 1px solid #acf; } /* Top labels */ .report th { background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a { cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a { width: 200px; } .report td.pl a:hover { background-color: #ffc; } /* Header rows... */ .report tr.rh { background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc { background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu { background-color: #def; } .report .reu td { border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou { background-color: white; } .report .rou td { border-bottom: 1px solid black; } .report .rou table td, .report .reu table td { border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn { white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump { text-align: right; white-space: nowrap; } .report .nump { padding-left: 2em; } .report .nump { padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text { text-align: left; white-space: normal; } .report .text .big { margin-bottom: 1em; width: 17em; } .report .text .more { display: none; } .report .text .note { font-style: italic; font-weight: bold; } .report .text .small { width: 10em; } .report sup { font-style: italic; } .report .outerFootnotes { font-size: 1em; } XML 88 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.3 html 378 292 1 false 79 0 false 11 false false R1.htm 0000001 - Document - Cover Sheet http://www.howmet.com/role/Cover Cover Cover 1 false false R2.htm 9952151 - Statement - Statement of Consolidated Operations (unaudited) Sheet http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited Statement of Consolidated Operations (unaudited) Statements 2 false false R3.htm 9952152 - Statement - Statement of Consolidated Comprehensive Income (unaudited) Sheet http://www.howmet.com/role/StatementofConsolidatedComprehensiveIncomeunaudited Statement of Consolidated Comprehensive Income (unaudited) Statements 3 false false R4.htm 9952153 - Statement - Consolidated Balance Sheet (unaudited) Sheet http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited Consolidated Balance Sheet (unaudited) Statements 4 false false R5.htm 9952154 - Statement - Consolidated Balance Sheet (unaudited) (Parenthetical) Sheet http://www.howmet.com/role/ConsolidatedBalanceSheetunauditedParenthetical Consolidated Balance Sheet (unaudited) (Parenthetical) Statements 5 false false R6.htm 9952155 - 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Disclosure - Segment Information Sheet http://www.howmet.com/role/SegmentInformation Segment Information Notes 11 false false R12.htm 9952161 - Disclosure - Restructuring and Other (Credits) Charges Sheet http://www.howmet.com/role/RestructuringandOtherCreditsCharges Restructuring and Other (Credits) Charges Notes 12 false false R13.htm 9952162 - Disclosure - Pension and Other Postretirement Benefits Sheet http://www.howmet.com/role/PensionandOtherPostretirementBenefits Pension and Other Postretirement Benefits Notes 13 false false R14.htm 9952163 - Disclosure - Other Expense, Net Sheet http://www.howmet.com/role/OtherExpenseNet Other Expense, Net Notes 14 false false R15.htm 9952164 - Disclosure - Income Taxes Sheet http://www.howmet.com/role/IncomeTaxes Income Taxes Notes 15 false false R16.htm 9952165 - Disclosure - Earnings Per Share and Common Stock Sheet http://www.howmet.com/role/EarningsPerShareandCommonStock Earnings Per Share and Common Stock Notes 16 false false R17.htm 9952166 - Disclosure - Accumulated Other Comprehensive Loss Sheet http://www.howmet.com/role/AccumulatedOtherComprehensiveLoss Accumulated Other Comprehensive Loss Notes 17 false false R18.htm 9952167 - Disclosure - Receivables Sheet http://www.howmet.com/role/Receivables Receivables Notes 18 false false R19.htm 9952168 - Disclosure - Inventories Sheet http://www.howmet.com/role/Inventories Inventories Notes 19 false false R20.htm 9952169 - Disclosure - Properties, Plants, and Equipment, net Sheet http://www.howmet.com/role/PropertiesPlantsandEquipmentnet Properties, Plants, and Equipment, net Notes 20 false false R21.htm 9952170 - Disclosure - Leases Sheet http://www.howmet.com/role/Leases Leases Notes 21 false false R22.htm 9952171 - Disclosure - Debt Sheet http://www.howmet.com/role/Debt Debt Notes 22 false false R23.htm 9952172 - Disclosure - Fair Value of Financial Instruments Sheet http://www.howmet.com/role/FairValueofFinancialInstruments Fair Value of Financial Instruments Notes 23 false false R24.htm 9952173 - Disclosure - Divestiture Sheet http://www.howmet.com/role/Divestiture Divestiture Notes 24 false false R25.htm 9952174 - Disclosure - Contingencies, Commitments and Other Liabilities Sheet http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilities Contingencies, Commitments and Other Liabilities Notes 25 false false R26.htm 9952175 - Disclosure - Subsequent Events Sheet http://www.howmet.com/role/SubsequentEvents Subsequent Events Notes 26 false false R27.htm 9954471 - Disclosure - Basis of Presentation (Policies) Sheet http://www.howmet.com/role/BasisofPresentationPolicies Basis of Presentation (Policies) Policies http://www.howmet.com/role/RecentlyAdoptedandRecentlyIssuedAccountingGuidance 27 false false R28.htm 9954472 - Disclosure - Segment Information (Tables) Sheet http://www.howmet.com/role/SegmentInformationTables Segment Information (Tables) Tables http://www.howmet.com/role/SegmentInformation 28 false false R29.htm 9954473 - Disclosure - Restructuring and Other (Credits) Charges (Tables) Sheet http://www.howmet.com/role/RestructuringandOtherCreditsChargesTables Restructuring and Other (Credits) Charges (Tables) Tables http://www.howmet.com/role/RestructuringandOtherCreditsCharges 29 false false R30.htm 9954474 - 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http://www.howmet.com/role/BasisofPresentationPolicies 40 false false R41.htm 9954485 - Disclosure - Segment Information - Narrative (Details) Sheet http://www.howmet.com/role/SegmentInformationNarrativeDetails Segment Information - Narrative (Details) Details 41 false false R42.htm 9954486 - Disclosure - Segment Information - Operating Results of Reportable Segments (Details) Sheet http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails Segment Information - Operating Results of Reportable Segments (Details) Details 42 false false R43.htm 9954487 - Disclosure - Segment Information - Segment Operating Profit to Consolidated Income before Income Taxes (Details) Sheet http://www.howmet.com/role/SegmentInformationSegmentOperatingProfittoConsolidatedIncomebeforeIncomeTaxesDetails Segment Information - Segment Operating Profit to Consolidated Income before Income Taxes (Details) Details 43 false false R44.htm 9954488 - Disclosure - Segment Information - Reconciliation of Capital Expenditures (Details) Sheet http://www.howmet.com/role/SegmentInformationReconciliationofCapitalExpendituresDetails Segment Information - Reconciliation of Capital Expenditures (Details) Details 44 false false R45.htm 9954489 - Disclosure - Segment Information - Disaggregation of Revenue by Major End Market Served (Details) Sheet http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails Segment Information - Disaggregation of Revenue by Major End Market Served (Details) Details 45 false false R46.htm 9954490 - Disclosure - Restructuring and Other (Credits) Charges - Restructuring and Other Charges (Details) Sheet http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails Restructuring and Other (Credits) Charges - Restructuring and Other Charges (Details) Details http://www.howmet.com/role/RestructuringandOtherCreditsChargesTables 46 false false R47.htm 9954491 - Disclosure - Restructuring and Other (Credits) Charges - Narrative (Details) Sheet http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails Restructuring and Other (Credits) Charges - 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Narrative (Details) Sheet http://www.howmet.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails Pension and Other Postretirement Benefits - Narrative (Details) Details 50 false false R51.htm 9954495 - Disclosure - Other Expense, Net - Other Expense, Net (Details) Sheet http://www.howmet.com/role/OtherExpenseNetOtherExpenseNetDetails Other Expense, Net - Other Expense, Net (Details) Details 51 false false R52.htm 9954496 - Disclosure - Other Expense, Net - Narrative (Details) Sheet http://www.howmet.com/role/OtherExpenseNetNarrativeDetails Other Expense, Net - Narrative (Details) Details 52 false false R53.htm 9954497 - Disclosure - Income Taxes - Narrative (Details) Sheet http://www.howmet.com/role/IncomeTaxesNarrativeDetails Income Taxes - Narrative (Details) Details 53 false false R54.htm 9954498 - Disclosure - Income Taxes - Income Tax Provisions (Details) Sheet http://www.howmet.com/role/IncomeTaxesIncomeTaxProvisionsDetails Income Taxes - Income Tax Provisions (Details) Details 54 false false R55.htm 9954499 - Disclosure - Earnings Per Share and Common Stock - Reconciliation of Information Used to Compute Basic and Diluted EPS (Details) Sheet http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails Earnings Per Share and Common Stock - Reconciliation of Information Used to Compute Basic and Diluted EPS (Details) Details 55 false false R56.htm 9954500 - Disclosure - Earnings Per Share and Common Stock - Narrative (Details) Sheet http://www.howmet.com/role/EarningsPerShareandCommonStockNarrativeDetails Earnings Per Share and Common Stock - Narrative (Details) Details 56 false false R57.htm 9954501 - Disclosure - Earnings Per Share and Common Stock - Accelerated Share Repurchases (Details) Sheet http://www.howmet.com/role/EarningsPerShareandCommonStockAcceleratedShareRepurchasesDetails Earnings Per Share and Common Stock - Accelerated Share Repurchases (Details) Details 57 false false R58.htm 9954502 - Disclosure - Accumulated Other Comprehensive Loss (Details) Sheet http://www.howmet.com/role/AccumulatedOtherComprehensiveLossDetails Accumulated Other Comprehensive Loss (Details) Details http://www.howmet.com/role/AccumulatedOtherComprehensiveLossTables 58 false false R59.htm 9954503 - 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An ASR is a combination of transactions that permits an entity to purchase a targeted number of shares immediately with the final purchase price of those shares determined by an average market price over a fixed period of time. An accelerated share repurchase program is intended to combine the immediate share retirement benefits of a tender offer with the market impact and pricing benefits of a disciplined daily open market stock repurchase program. ASRs can be disclosed as part of stockholders' equity." } } }, "auth_ref": [ "r156" ] }, "us-gaap_AccountingPoliciesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingPoliciesAbstract", "lang": { "en-us": { "role": { "terseLabel": "Accounting Policies [Abstract]", "label": "Accounting Policies [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis", "presentation": [ "http://www.howmet.com/role/ReceivablesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Receivable Type [Axis]", "label": "Receivable Type [Axis]", "documentation": "Information by type of receivable." } } }, "auth_ref": [ "r110", "r116" ] }, "us-gaap_AccountsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrent", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Accounts payable, trade (Q)", "label": "Accounts Payable, Current", "documentation": "Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r97", "r905" ] }, "hwm_AccountsReceivableFromSecuritizationAmountDrawn": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "AccountsReceivableFromSecuritizationAmountDrawn", "crdr": "debit", "presentation": [ "http://www.howmet.com/role/ReceivablesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Accounts receivable securitization amount drawn", "label": "Accounts Receivable From Securitization, Amount Drawn", "documentation": "Accounts Receivable From Securitization, Amount Drawn" } } }, "auth_ref": [] }, "hwm_AccountsReceivableFromSecuritizationFaceAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "AccountsReceivableFromSecuritizationFaceAmount", "crdr": "debit", "presentation": [ "http://www.howmet.com/role/ReceivablesDetails" ], "lang": { 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"r1061", "r1062"] }, "us-gaap_BasisOfAccountingPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfAccountingPolicyPolicyTextBlock", "presentation": ["http://www.howmet.com/role/BasisofPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Basis of Presentation", "label": "Basis of Accounting, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS)." } } }, "auth_ref": [] }, "us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfPresentationAndSignificantAccountingPoliciesTextBlock", "presentation": ["http://www.howmet.com/role/BasisofPresentation"], "lang": { "en-us": { 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Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity." } } }, "auth_ref": ["r139"] }, "us-gaap_BuildingMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BuildingMember", "presentation": ["http://www.howmet.com/role/PropertiesPlantsandEquipmentnetPropertiesPlantsandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Structures", "label": "Building [Member]", "documentation": "Facility held for productive use including, but not limited to, office, production, storage and distribution facilities." } } }, "auth_ref": ["r145"] }, "us-gaap_CapitalExpendituresIncurredButNotYetPaid": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalExpendituresIncurredButNotYetPaid", "crdr": "credit", "presentation": ["http://www.howmet.com/role/PropertyPlantandEquipmentnetNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Capital expenditures incurred but not yet paid", "label": "Capital Expenditures Incurred but Not yet Paid", "documentation": "Future cash outflow to pay for purchases of fixed assets that have occurred." } } }, "auth_ref": ["r32", "r33", "r34"] }, "us-gaap_CarryingReportedAmountFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CarryingReportedAmountFairValueDisclosureMember", "presentation": ["http://www.howmet.com/role/FairValueofFinancialInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Carrying value", "label": "Reported Value Measurement [Member]", "documentation": "Measured as reported on the statement of financial position (balance sheet)." } } }, "auth_ref": ["r81", "r82"] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Cash and cash equivalents", "label": "Cash and Cash Equivalents, at Carrying Value", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": ["r31", "r228", "r853"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "periodStartLabel": "Cash, cash equivalents and restricted cash at beginning of period", "periodEndLabel": "Cash, cash equivalents and restricted cash at end of period", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r31", "r136", "r265"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit",

"calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net change in cash, cash equivalents and restricted cash", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r0", "r136"] }, "hwm_CertainCustomersMember": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "CertainCustomersMember", "presentation": ["http://www.howmet.com/role/ReceivablesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Certain Customers", "label": "Certain Customers [Member]", "documentation": "Certain Customers" } } }, "auth_ref": [] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "City Area Code", "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_ClassOfStockDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockDomain", "presentation": ["http://www.howmet.com/role/Cover", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Class of Stock [Domain]", "label": "Class of Stock [Domain]", "documentation": "Share of stock differentiated by the voting rights the holder receives. Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": ["r183", "r236", "r237", "r238", "r267", "r294", "r295", "r302", "r304", "r312", "r313", "r351", "r408", "r411", "r412", "r413", "r417", "r418", "r449", "r450", "r451", "r452", "r453", "r596", "r735", "r736", "r737", "r738", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r772", "r793", "r811", "r831", "r832", "r833", "r834", "r835", "r942", "r968", "r978"] }, "us-gaap_CommercialPaper": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommercialPaper", "crdr": "credit", "presentation": ["http://www.howmet.com/role/DebtCommercialPaperDetails"], "lang": { "en-us": { "role": { "terseLabel": "Commercial paper", "label": "Commercial Paper", "documentation": "Carrying value as of the balance sheet date of short-term borrowings using unsecured obligations issued by banks, corporations and other borrowers to investors. The maturities of these money market securities generally do not exceed 270 days." } } }, "auth_ref": ["r96", "r165", "r1058"] }, "us-gaap_CommercialPaperMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommercialPaperMember", "presentation": ["http://www.howmet.com/role/DebtCommercialPaperDetails"], "lang": { "en-us": { "role": { "terseLabel": "Commercial Paper", "label": "Commercial Paper [Member]", "documentation": "Unsecured promissory note (generally negotiable) that provides institutions with short-term funds." } } }, "auth_ref": ["r152", "r407", "r927", "r928", "r929", "r930"] }, "hwm_CommercialTransportationMember": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "CommercialTransportationMember", "presentation": ["http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Commercial Transportation", 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(a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": ["r106", "r169", "r689", "r771"] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Commitments and Contingencies Disclosure [Abstract]", "label": "Commitments and Contingencies Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": 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"us-gaap_CommonStockDividendsPerShareDeclared": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockDividendsPerShareDeclared", "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockNarrativeDetails", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common (in usd per share)", "verboseLabel": "Dividends declared (in usd per share)", "label": "Common Stock, Dividends, Per Share, Declared", "documentation": "Aggregate dividends declared during the period for each share of common stock outstanding." } } }, "auth_ref": ["r155"] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": ["http://www.howmet.com/role/Cover", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Common stock", "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": ["r923", "r924", "r925", "r927", "r928", "r929", "r930", "r971", "r972", "r974", "r1027", "r1091", "r1094"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockNarrativeDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Common stock outstanding (in shares)", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": ["r17", "r109", "r772", "r790", "r1094", "r1095"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Common stock", "label": "Common Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r109", "r691", "r905"] }, "us-gaap_CompensationAndRetirementDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CompensationAndRetirementDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Retirement Benefits [Abstract]", "label": "Retirement Benefits [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedComprehensiveIncomeunaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedComprehensiveIncomeunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Comprehensive income", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r28", "r250", "r252", "r257", "r684", "r700", "r701"] }, "us-gaap_ComprehensiveIncomeNoteTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNoteTextBlock", "presentation": ["http://www.howmet.com/role/AccumulatedOtherComprehensiveLoss"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Loss", "label": "Comprehensive Income (Loss) Note [Text Block]", "documentation": "The entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income." } } }, "auth_ref": ["r120", "r256", "r683", "r699"] }, "us-gaap_ConcentrationRiskBenchmarkDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskBenchmarkDomain", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk Benchmark [Domain]", "label": "Concentration Risk Benchmark [Domain]", "documentation": "The denominator in a calculation of a disclosed concentration risk percentage." } } }, "auth_ref": ["r40", "r41", "r83", "r84", "r347", "r837"] }, "us-gaap_ConcentrationRiskByBenchmarkAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us":

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These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r837"] }, "us-gaap_ConcentrationRiskPercentage1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskPercentage1", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration risk (as a percent)", "label": "Concentration Risk, Percentage", "documentation": "For an entity that discloses a concentration risk in relation to quantitative amount, which serves as the \"benchmark\" (or denominator) in the equation, this concept represents the concentration percentage derived from the division." } } }, "auth_ref": ["r40", "r41", "r83", "r84", "r347"] }, "us-gaap_ConcentrationRiskTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTable", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk [Table]", "label": "Concentration Risk [Table]", "documentation": "Disclosure of information about concentration risk. 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The risk is the materially adverse effects of loss of a significant customer." } } }, "auth_ref": ["r140", "r347"] }, "us-gaap_DebtDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Debt Disclosure [Abstract]", "label": "Debt Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": ["http://www.howmet.com/role/Debt"], "lang": { "en-us": { "role": { "terseLabel": "Debt", "label": "Debt Disclosure [Text Block]", "documentation": "The entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants." } } }, "auth_ref": ["r151", "r266", "r373", "r374", "r375", "r376", "r377", "r406", "r407", "r419", "r425", "r426", "r427", "r428", "r429", "r430", "r435", "r442", "r443", "r445", "r609"] }, "us-gaap_DebtInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": ["http://www.howmet.com/role/DebtLongTermDebtDetails",

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Includes, but is not limited to, amount in excess of 10 percent of greater of fair value of plan assets or benefit obligation." } } }, "auth_ref": ["r460", "r498", "r523"] }, "us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfPriorServiceCostCredit", "crdr": "debit", "calculation": { "http://www.howmet.com/role/PensionandOtherPostretirementBenefitsComponentsofNetPeriodicBenefitCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/PensionandOtherPostretirementBenefitsComponentsofNetPeriodicBenefitCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortization of prior service benefit", "label": "Defined Benefit Plan, Amortization of Prior Service Cost (Credit)", "documentation": "Amount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan." } } }, "auth_ref": ["r460", "r499", "r524", "r888", "r889"] }, "hwm_DefinedBenefitPlanBenefitObligationContributionsAndPayments": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "DefinedBenefitPlanBenefitObligationContributionsAndPayments", "crdr": "credit", "presentation": ["http://www.howmet.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Contributions and payments", "label": "Defined Benefit Plan, Benefit Obligation, Contributions And Payments", "documentation": "Defined Benefit Plan, Benefit Obligation, Contributions And Payments" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanDisclosureLineItems", "presentation": ["http://www.howmet.com/role/PensionandOtherPostretirementBenefitsComponentsofNetPeriodicBenefitCostDetails", "http://www.howmet.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan Disclosure [Line Items]", "label": "Defined Benefit Plan Disclosure [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Includes liabilities not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r243", "r244", "r590", "r591", "r593", "r595", "r753", "r754", "r755", "r756", "r758", "r759", "r760", "r761", "r762", "r785", "r787", "r788", "r822", "r823", "r824", "r825", "r826", "r827", "r828", "r860", "r1030", "r1031", "r1032", "r1092"] }, "us-gaap_DerivativeLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLineItems", "presentation": ["http://www.howmet.com/role/FairValueofFinancialInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative [Line Items]", "label": "Derivative [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r1017", "r1018", "r1019"] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share [Abstract]", "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Basic (in usd per share)", "label": "Earnings Per Share, Basic", "documentation": "The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period." } } }, "auth_ref": ["r258", "r279", "r280", "r281", "r282", "r283", "r284", "r291", "r294", "r302", "r303", "r304", "r309", "r568", "r571", "r588", "r589", "r685", "r702", "r862"] }, "us-gaap_EarningsPerShareBasicAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasicAbstract", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Earnings per share:", "label": "Earnings Per Share, Basic [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Diluted (in usd per share)", "label": "Earnings Per Share, Diluted", "documentation": "The amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period." } } }, "auth_ref": ["r258", "r279", "r280", "r281", "r282", "r283", "r284", "r294", "r302", "r303", "r304", "r309", "r568", "r571", "r588", "r589", "r685", "r702", "r862"] }, "us-gaap_EarningsPerSharePolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerSharePolicyTextBlock", "presentation": ["http://www.howmet.com/role/BasisofPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share", "label": "Earnings Per Share, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for computing basic and diluted earnings or loss per share for each class of common stock and participating security. Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements." } } }, "auth_ref": ["r37", "r38", "r306"] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024",

"localname": "EarningsPerShareTextBlock", "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStock"], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share and Common Stock", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": ["r290", "r305", "r307", "r308"] }, "us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Effect of exchange rate changes on cash, cash equivalents and restricted cash", "label": "Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations", "documentation": "Amount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r601"] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "presentation": ["http://www.howmet.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Effective income tax rate reconciliation (as a percent)", "label": "Effective Income Tax Rate Reconciliation, Percent", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r546", "r897"] }, "hwm_EffectiveIncomeTaxRateReconciliationIncludingDiscreteItemsPercent": { "xbrltype": "percentItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "EffectiveIncomeTaxRateReconciliationIncludingDiscreteItemsPercent", "presentation": ["http://www.howmet.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Effective income tax rate reconciliation, including discrete items (as a percent)", "label": "Effective Income Tax Rate Reconciliation, Including Discrete Items, Percent", "documentation": "Effective Income Tax Rate Reconciliation, Including Discrete Items, Percent" } } }, "auth_ref": [] }, "hwm_EffectiveIncomeTaxRateReconciliationReleaseOfValuationAllowanceForeignTaxCreditsAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "EffectiveIncomeTaxRateReconciliationReleaseOfValuationAllowanceForeignTaxCreditsAmount", "crdr": "credit", "presentation": ["http://www.howmet.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Release of valuation allowance, foreign tax credits, amount", "label": "Effective Income Tax Rate Reconciliation, Release Of Valuation Allowance, Foreign Tax Credits, Amount", "documentation": "Effective Income Tax Rate Reconciliation, Release Of Valuation Allowance, Foreign Tax Credits, Amount" } } }, "auth_ref": [] }, "us-gaap_EffectiveIncomeTaxRateReconciliationShareBasedCompensationExcessTaxBenefitAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationShareBasedCompensationExcessTaxBenefitAmount", "crdr": "debit", "presentation": ["http://www.howmet.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Excess tax benefit for stock compensation", "label": "Effective Income Tax Rate Reconciliation, Tax Expense (Benefit), Share-Based Payment Arrangement, Amount", "documentation": "Amount of difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying domestic federal statutory income tax rate to pretax income (loss) from continuing operation, attributable to expense for award under share-based payment arrangement. Excludes expense determined to be nondeductible upon grant or after for award under share-based payment arrangement." } } }, "auth_ref": ["r945", "r1020", "r1021"] }, "hwm_EffectiveIncomeTaxReconciliationChangeInEstimateFromPriorPeriodAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "EffectiveIncomeTaxReconciliationChangeInEstimateFromPriorPeriodAmount", "crdr": "debit", "calculation": { "http://www.howmet.com/role/IncomeTaxesIncomeTaxProvisionsDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/IncomeTaxesIncomeTaxProvisionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Impact of change in estimated annual effective tax rate on previous quarter\u2019s pre-tax income", "label": "Effective Income Tax Reconciliation, Change In Estimate From Prior Period, Amount", "documentation": "Effective Income Tax Reconciliation, Change In Estimate From Prior Period, Amount" } } }, "auth_ref": [] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accrued compensation and retirement costs", "label": "Employee-related Liabilities, Current", "documentation": "Total of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r100"] }, "us-gaap_EmployeeSeveranceMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeSeveranceMember", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesActivityandReserveBalancesforRestructuringChargesDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Layoff costs", "label": "Employee Severance [Member]", "documentation": "Termination of an employee associated with exit from or disposal of business activities or restructurings pursuant to a plan." } } }, "auth_ref": [] }, "us-gaap_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Stock Options", "label": "Share-Based Payment Arrangement, Option [Member]", "documentation": "Share-based payment arrangement granting right, subject to vesting and other restrictions, to purchase or sell certain number of shares at predetermined price for specified period of time." } } }, "auth_ref": [] }, "hwm_EngineProductsSegmentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "EngineProductsSegmentMember", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails", "http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails", "http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Engine Products", "label": "Engine Products Segment [Member]", "documentation": "Engine Products Segment" } } }, "auth_ref": [] }, "hwm_EngineeredStructuresMember": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "EngineeredStructuresMember", "presentation": ["http://www.howmet.com/role/DivestitureDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Engineered Structures", "label": "Engineered Structures [Member]", "documentation": "Engineered Structures" } } }, "auth_ref": [] }, "dei_EntitiesTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitiesTable", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entities [Table]", "label": "Entities [Table]", "documentation": "Container to assemble all relevant information about each entity associated with the document instance" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line One", "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, City or Town", "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Postal Zip Code", "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, State or Province", "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Central Index Key", "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": ["r935"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Common Stock, Shares Outstanding", "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Current Reporting Status", "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d)

of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Emerging Growth Company", "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": ["r935"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity File Number", "label": "Entity File Number", "documentation": "Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen." } } }, "auth_ref": [] }, "dei_EntityFilerCategory": { "xbrltype": "filerCategoryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFilerCategory", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Filer Category", "label": "Entity Filer Category", "documentation": "Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": ["r935"] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Incorporation, State or Country Code", "label": "Entity Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] }, "dei_EntityInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInformationLineItems", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Information [Line Items]", "label": "Entity Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Interactive Data Current", "label": "Entity Interactive Data Current", "documentation": "Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": ["r939"] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Registrant Name", "label": "Entity Registrant Name", "documentation": "The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC." } } }, "auth_ref": ["r935"] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Shell Company", "label": "Entity Shell Company", "documentation": "Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act." } } }, "auth_ref": ["r935"] }, "dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Small Business", "label": "Entity Small Business", "documentation": "Indicates that the company is a Smaller Reporting Company (SRC)." } } }, "auth_ref": ["r935"] }, "dei_EntityTaxIdentificationNumber": { "xbrltype": "employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Tax Identification Number", "label": "Entity Tax Identification Number", "documentation": "The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS." } } }, "auth_ref": ["r935"] }, "us-gaap_EntityWideRevenueMajorCustomerLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EntityWideRevenueMajorCustomerLineItems", "presentation": ["http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Major Customer [Line Items]", "label": "Revenue, Major Customer [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r100"] }, "us-gaap_InterestPayableCurrentAndNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestPayableCurrentAndNoncurrent", "crdr": "credit", "presentation": ["http://www.howmet.com/role/DebtPublicDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accrued interest", "label": "Interest Payable", "documentation": "Amount of interest payable on debt, including, but not limited to, trade payables." } } }, "auth_ref": ["r167", "r1057"] }, "us-gaap_IntersegmentEliminationMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IntersegmentEliminationMember", "presentation": ["http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Inter-segment sales", "label": "Intersegment Eliminations [Member]", "documentation": "Eliminating entries used in operating segment consolidation." } } }, "auth_ref": ["r174", "r310", "r320", "r334", "r335", "r336", "r337", "r338", "r340", "r341", "r869"] }, "us-gaap_InventoryDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Inventory Disclosure [Abstract]", "label": "Inventory Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureTextBlock", "presentation": ["http://www.howmet.com/role/Inventories"], "lang": { "en-us": { "role": { "terseLabel": "Inventories", "label": "Inventory Disclosure [Text Block]", "documentation": "The entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory." } } }, "auth_ref": ["r358"] }, "us-gaap_InventoryFinishedGoodsNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryFinishedGoodsNetOfReserves", "crdr": "debit", "calculation": { "http://www.howmet.com/role/InventoriesInventoriesComponentsDetails": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/InventoriesInventoriesComponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finished goods", "label": "Inventory, Finished Goods, Net of Reserves", "documentation": "Carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale." } } }, "auth_ref": ["r143", "r856"] }, "us-gaap_InventoryLIFOReserve": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryLIFOReserve", "crdr": "credit", "presentation": ["http://www.howmet.com/role/InventoriesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total inventories valued on an average-cost basis", "label": "Inventory, LIFO Reserve", "documentation": "Amount by which inventory stated at last-in first-out (LIFO) is less than (in excess of) inventory stated at other inventory cost methods." } } }, "auth_ref": ["r956"] }, "us-gaap_InventoryNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNet", "crdr": "debit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 4.0 }, "http://www.howmet.com/role/InventoriesInventoriesComponentsDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited", "http://www.howmet.com/role/InventoriesInventoriesComponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Inventories (K)", "totalLabel": "Total inventories", "label": "Inventory, Net", "documentation": "Amount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r241", "r854", "r905"] }, "us-gaap_InventoryRawMaterialsNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryRawMaterialsNetOfReserves", "crdr": "debit", "calculation": { "http://www.howmet.com/role/InventoriesInventoriesComponentsDetails": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/InventoriesInventoriesComponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Purchased raw materials", "label": "Inventory, Raw Materials, Net of Reserves", "documentation": "Carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of unprocessed items to be consumed in the manufacturing or production process." } } }, "auth_ref": ["r143", "r858"] }, "us-gaap_InventorySuppliesNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventorySuppliesNetOfReserves", "crdr": "debit", "calculation": { "http://www.howmet.com/role/InventoriesInventoriesComponentsDetails": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.howmet.com/role/InventoriesInventoriesComponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating supplies", "label": "Inventory, Supplies, Net of Reserves", "documentation": "Carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of products used directly or indirectly in the manufacturing or production process, which may or may not become part of the final product. May also include items used in the storage, presentation or transportation of physical goods." } } }, "auth_ref": ["r143", "r859"] }, "us-gaap_InventoryWorkInProcessNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWorkInProcessNetOfReserves", "crdr": "debit", "calculation": { "http://www.howmet.com/role/InventoriesInventoriesComponentsDetails": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/InventoriesInventoriesComponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Work-in-process", "label": "Inventory, Work in Process, Net of Reserves", "documentation": "Carrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing." } } }, "auth_ref": ["r143", "r857"] }, "us-gaap_InvestmentIncomeNonoperating": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentIncomeNonoperating", "crdr": "credit", "calculation": { "http://www.howmet.com/role/OtherExpenseNetOtherExpenseNetDetails": { "parentTag": "us-gaap_NonoperatingIncomeExpense", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/OtherExpenseNetOtherExpenseNetDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Interest income", "label": "Investment Income, Nonoperating", "documentation": "The aggregate amount of income from investments (for example, dividends) not considered a component of the entity's core operations." } } }, "auth_ref": ["r129"] }, "hwm_JPYTermLoanFacilityDue2026Member": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname":

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Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability." } } }, "auth_ref": ["r612"] }, "us-gaap_LetterOfCreditMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LetterOfCreditMember", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Letter of Credit", "label": "Letter of Credit [Member]", "documentation": "A document typically issued by a financial institution which acts as a guarantee of payment to a beneficiary, or as the source of payment for a specific transaction (for example, wiring funds to a foreign exporter if and when specified merchandise is accepted pursuant to the terms of the letter of credit)." } } }, "auth_ref": [] }, "us-gaap_LettersOfCreditOutstandingAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LettersOfCreditOutstandingAmount", "crdr": "credit", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Letters of credit, total amount outstanding", "label": "Letters of Credit Outstanding, Amount", "documentation": "The total amount of the contingent obligation under letters of credit outstanding as of the reporting date." } } }, "auth_ref": [] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities", "label": "Liabilities", "documentation": "Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others." } } }, "auth_ref": ["r23", "r99", "r100", "r101", "r104", "r105", "r106", "r107", "r267", "r351", "r408", "r409", "r411", "r412", "r413", "r414", "r415", "r417", "r418", "r574", "r576", "r577", "r596", "r770", "r863", "r933", "r1011", "r1047", "r1048"] }, "us-gaap_LiabilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAbstract", "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Liabilities", "label": "Liabilities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities and equity", "label": "Liabilities and Equity", "documentation": "Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any." } } }, "auth_ref": ["r115", "r170", "r694", "r905", "r970", "r989", "r1042"] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total current liabilities", "label": "Liabilities, Current", "documentation": "Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer." } } }, "auth_ref": ["r101", "r227", "r267", "r351", "r408", "r409", "r411", "r412", "r413", "r414", "r415", "r417", "r418", "r574", "r576", "r577", "r596", "r905", "r1011", "r1047", "r1048"] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Current liabilities:", "label": "Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LineOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCredit", "crdr": "credit", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amounts outstanding", "label": "Long-Term Line of Credit", "documentation": "The carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement." } } }, "auth_ref": ["r23", "r168", "r1059"] }, "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails", "http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Maximum borrowing capacity", "label": "Line of Credit Facility, Maximum Borrowing Capacity", "documentation": "Maximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility." } } }, "auth_ref": ["r98", "r103"] }, "us-gaap_LineOfCreditMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditMember", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit", "label": "Line of Credit [Member]", "documentation": "A contractual arrangement with a lender under which borrowings can be made up to a specific amount at any point in time, and under which borrowings outstanding may be either short-term or long-term, depending upon the particulars." } } }, "auth_ref": [] }, "srt_LitigationCaseAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "LitigationCaseAxis", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails", "http://www.howmet.com/role/OtherExpenseNetNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Litigation Case [Axis]", "label": "Litigation Case [Axis]", "documentation": "Information by type of judicial proceeding, alternative dispute resolution or claim." } } }, "auth_ref": [] }, "srt_LitigationCaseTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "LitigationCaseTypeDomain", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails", "http://www.howmet.com/role/OtherExpenseNetNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Litigation Case [Domain]", "label": "Litigation Case [Domain]", "documentation": "Judicial proceeding, alternative dispute resolution or claim. For example, but not limited to, name of case, category of litigation, or other differentiating information." } } }, "auth_ref": [] }, "us-gaap_LitigationSettlementAmountAwardedToOtherParty": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LitigationSettlementAmountAwardedToOtherParty", "crdr": "credit", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Judgement from legal proceedings", "label": "Litigation Settlement, Amount Awarded to Other Party", "documentation": "Amount awarded to other party in judgment or settlement of litigation." } } }, "auth_ref": [] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri":

"http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Local Phone Number", "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebt", "crdr": "credit", "calculation": { "http://www.howmet.com/role/DebtLongTermDebtDetails": { "parentTag": null, "weight": null, "order": null, "root": true }, "http://www.howmet.com/role/DebtLongTermDebtDetails_1": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/DebtLongTermDebtDetails"], "lang": { "en-us": { "role": { "totalLabel": "Long-term debt", "label": "Long-Term Debt", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation." } } }, "auth_ref": ["r23", "r168", "r432", "r447", "r880", "r881", "r903", "r1059"] }, "us-gaap_LongTermDebtCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtCurrent", "crdr": "credit", "calculation": { "http://www.howmet.com/role/DebtLongTermDebtDetails": { "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 1.0 }, "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited", "http://www.howmet.com/role/DebtLongTermDebtDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Long-term debt due within one year (N)", "terseLabel": "Less: amount due within one year", "label": "Long-Term Debt, Current Maturities", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation." } } }, "auth_ref": ["r234"] }, "us-gaap_LongTermDebtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtFairValue", "crdr": "credit", "presentation": ["http://www.howmet.com/role/FairValueofFinancialInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term debt", "label": "Long-Term Debt, Fair Value", "documentation": "The fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission." } } }, "auth_ref": ["r1028", "r1030", "r1031", "r1032"] }, "us-gaap_LongTermDebtNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtNoncurrent", "crdr": "credit", "calculation": { "http://www.howmet.com/role/DebtLongTermDebtDetails": { "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 2.0 }, "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited", "http://www.howmet.com/role/DebtLongTermDebtDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Long-term debt (N)(O)", "terseLabel": "Total long-term debt", "label": "Long-Term Debt, Excluding Current Maturities", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation." } } }, "auth_ref": ["r235"] }, "us-gaap_LongtermDebtTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeAxis", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Type [Axis]", "label": "Long-Term Debt, Type [Axis]", "documentation": "Information by type of long-term debt." } } }, "auth_ref": ["r23", "r995", "r996", "r997"] }, "us-gaap_LongtermDebtTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeDomain", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Type [Domain]", "label": "Long-Term Debt, Type [Domain]", "documentation": "Type of long-term debt arrangement, such as notes, line of credit, commercial paper, asset-based financing, project financing, letter of credit financing. These are debt arrangements that originally required repayment more than twelve months after issuance or greater than the normal operating cycle of the company, if longer." } } }, "auth_ref": ["r23", "r52", "r995", "r996", "r997"] }, "us-gaap_LossContingenciesByNatureOfContingencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesByNatureOfContingencyAxis", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingency Nature [Axis]", "label": "Loss Contingency Nature [Axis]", "documentation": "Information by type of existing condition, situation, or set of circumstances involving uncertainty as to possible loss to an enterprise that will ultimately be resolved when one or more future events occur or fail to occur." } } }, "auth_ref": ["r397", "r398", "r399", "r403", "r540", "r732", "r878", "r1004", "r1005"] }, "us-gaap_LossContingenciesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesLineItems", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails", "http://www.howmet.com/role/OtherExpenseNetNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingencies [Line Items]", "label": "Loss Contingencies [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r397", "r398", "r399", "r403", "r540", "r878", "r1004", "r1005"] }, "us-gaap_LossContingenciesTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesTable", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails", "http://www.howmet.com/role/OtherExpenseNetNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingencies [Table]", "label": "Loss Contingencies [Table]", "documentation": "Disclosure of information about loss contingency. Excludes environmental contingency, warranty, and unconditional purchase obligation." } } }, "auth_ref": ["r397", "r398", "r399", "r403", "r540", "r878", "r1004", "r1005"] }, "us-gaap_LossContingencyAccrualCarryingValuePeriodIncreaseDecrease": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyAccrualCarryingValuePeriodIncreaseDecrease", "presentation": ["http://www.howmet.com/role/OtherExpenseNetNarrativeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Reversal of previously recorded litigation amount", "label": "Loss Contingency Accrual, Period Increase (Decrease)", "documentation": "Amount of increase (decrease) in loss contingency liability." } } }, "auth_ref": ["r1003"] }, "us-gaap_LossContingencyAccrualProvision": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyAccrualProvision", "crdr": "debit", "presentation": ["http://www.howmet.com/role/OtherExpenseNetNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss contingency, provision", "label": "Loss Contingency Accrual, Provision", "documentation": "Amount charged against operating income increasing loss contingency liability, after adjustments to reduce previously estimated charges." } } }, "auth_ref": ["r1003"] }, "us-gaap_LossContingencyNatureDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyNatureDomain", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingency, Nature [Domain]", "label": "Loss Contingency, Nature [Domain]", "documentation": "An existing condition, situation, or set of circumstances involving uncertainty as to possible loss to an enterprise that will ultimately be resolved when one or more future events occur or fail to occur. Resolution of the uncertainty may confirm the incurrence of a loss or impairment of an asset or the incurrence of a liability." } } }, "auth_ref": ["r397", "r398", "r399", "r403", "r540", "r732", "r878", "r1004", "r1005"] }, "hwm_LossContingencyNumberOfEntities": { "xbrltype": "integerItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "LossContingencyNumberOfEntities", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of entities", "label": "Loss Contingency, Number Of Entities", "documentation": "Loss Contingency, Number Of Entities" } } }, "auth_ref": [] }, "hwm_LossContingencyNumberOfInterestRateSwapTransactions": { "xbrltype": "integerItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "LossContingencyNumberOfInterestRateSwapTransactions", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of interest rate swap transactions", "label": "Loss Contingency, Number Of Interest Rate Swap Transactions", "documentation": "Loss Contingency, Number Of Interest Rate Swap Transactions" } } }, "auth_ref": [] }, "us-gaap_MachineryAndEquipmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MachineryAndEquipmentMember", "presentation": ["http://www.howmet.com/role/PropertiesPlantsandEquipmentnetPropertiesPlantsandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Machinery and equipment", "label": "Machinery and Equipment [Member]", "documentation": "Tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment." } } }, "auth_ref": [] }, "srt_MajorCustomersAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MajorCustomersAxis", "presentation": ["http://www.howmet.com/role/ReceivablesDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer [Axis]", "label": "Customer [Axis]", "documentation": "Information by name or description of a single external customer or a group of external customers." } } }, "auth_ref": ["r347", "r887", "r915", "r920", "r1015", "r1060", "r1063", "r1064", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1080", "r1081", "r1082", "r1083", "r1084", "r1085", "r1086", "r1087", "r1088", "r1089", "r1090"] }, "us-gaap_MaterialReconcilingItemsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MaterialReconcilingItemsMember", "presentation": ["http://www.howmet.com/role/SegmentInformationSegmentOperatingProfittoConsolidatedIncomebeforeIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring and other credits (charges)", "label": "Segment Reporting, Reconciling Item, Excluding Corporate Nonsegment [Member]", "documentation": "Items used in reconciling reportable segments' amounts to consolidated amount. Excludes corporate-level activity." } } }, "auth_ref": ["r335", "r338", "r341", "r869", "r870"] }, "srt_MaximumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails", "http://www.howmet.com/role/DebtTermLoanFacilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Maximum", "label": "Maximum [Member]", "documentation": "Upper limit of the provided range." } } }, "auth_ref": ["r185", "r187", "r189", "r190", "r192", "r220", "r221", "r398", "r399", "r401", "r402", "r534", "r540", "r592", "r647", "r722", "r723", "r732", "r761", "r762", "r814", "r816", "r818", "r819", "r829", "r848", "r849", "r874", "r884", "r896", "r899", "r900", "r901", "r902", "r916", "r1013", "r1049", "r1050", "r1051", "r1052", "r1053", "r1054"] }, "us-gaap_MergersAcquisitionsAndDispositionsDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MergersAcquisitionsAndDispositionsDisclosuresTextBlock", "presentation": ["http://www.howmet.com/role/Divestiture"], "lang": { "en-us": { "role": { "terseLabel": "Divestiture", "label": "Mergers, Acquisitions and Dispositions Disclosures [Text Block]", "documentation": "The

entire disclosure for business combinations, including leverage buyout transactions (as applicable), and divestitures. This may include a description of a business combination or divestiture (or series of individually immaterial business combinations or divestitures) completed during the period, including background, timing, and assets and liabilities recognized and reclassified or sold. This element does not include fixed asset sales and plant closings." } } }, "auth_ref": ["r86", "r160"] }, "us-gaap_MinistryOfTheEconomyFinanceAndIndustryFranceMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinistryOfTheEconomyFinanceAndIndustryFranceMember", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Ministry of the Economy, Finance and Industry, France", "label": "Ministry of the Economy, Finance and Industry, France [Member]", "documentation": "Designated tax department of the government of France." } } }, "auth_ref": [] }, "srt_NameOfMajorCustomerDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "NameOfMajorCustomerDomain", "presentation": ["http://www.howmet.com/role/ReceivablesDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer [Domain]", "label": "Customer [Domain]", "documentation": "Single external customer or group of external customers." } } }, "auth_ref": ["r347", "r887", "r915", "r920", "r1015", "r1060", "r1063", "r1064", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1080", "r1081", "r1082", "r1083", "r1084", "r1085", "r1086", "r1087", "r1088", "r1089", "r1090"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Cash used for financing activities", "label": "Net Cash Provided by (Used in) Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } }, "auth_ref": ["r263"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesContinuingOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesContinuingOperationsAbstract", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Financing Activities", "label": "Net Cash Provided by (Used in) Financing Activities, Continuing Operations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Cash used for investing activities", "label": "Net Cash Provided by (Used in) Investing Activities", "documentation": "Amount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets." } } }, "auth_ref": ["r263"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesContinuingOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesContinuingOperationsAbstract", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Investing Activities", "label": "Net Cash Provided by (Used in) Investing Activities, Continuing Operations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Cash provided from operations", "label": "Net Cash Provided by (Used in) Operating Activities", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": ["r136", "r137", "r138"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesContinuingOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesContinuingOperationsAbstract", "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Operating activities", "label": "Net Cash Provided by (Used in) Operating Activities, Continuing Operations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedComprehensiveIncomeunaudited": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 1.0 }, "http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": 1.0, "order": 2.0 }, "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 14.0 }, "http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited", "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited", "http://www.howmet.com/role/StatementofConsolidatedComprehensiveIncomeunaudited", "http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net income", "terseLabel": "Net income", "netLabel": "Net income", "verboseLabel": "Net income", "label": "Net Income (Loss) Attributable to Parent", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": ["r126", "r138", "r172", "r225", "r248", "r251", "r255", "r267", "r275", "r279", "r280", "r281", "r282", "r283", "r286", "r287", "r300", "r351", "r408", "r409", "r411", "r412", "r413", "r414", "r415", "r417", "r418", "r568", "r571", "r589", "r596", "r698", "r792", "r809", "r810", "r931", "r1011"] }, "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAvailableToCommonStockholdersBasic", "crdr": "credit", "calculation": { "http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails", "http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Net income, Basic", "totalLabel": "Net income available to Howmet Aerospace common shareholders - basic", "label": "Net Income (Loss) Available to Common Stockholders, Basic", "documentation": "Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders." } } }, "auth_ref": ["r261", "r279", "r280", "r281", "r282", "r291", "r292", "r301", "r304", "r571"] }, "us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAvailableToCommonStockholdersDiluted", "crdr": "credit", "calculation": { "http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails", "http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Net income, Diluted", "totalLabel": "Net income available to Howmet Aerospace common shareholders - diluted", "label": "Net Income (Loss) Available to Common Stockholders, Diluted", "documentation": "Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, and addition from assumption of issuance of common shares for dilutive potential common shares; 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"Amount of liabilities classified as other, due within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r100", "r905"] }, "hwm_OtherLongTermDebtIncludingUnamortizedDebtDiscountsAndIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "OtherLongTermDebtIncludingUnamortizedDebtDiscountsAndIssuanceCosts", "crdr": "credit", "calculation": { "http://www.howmet.com/role/DebtLongTermDebtDetails_1": { "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/DebtLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other, net", "label": "Other Long Term Debt, Including Unamortized Debt Discounts And Issuance Costs", "documentation": "Other Long Term Debt, Including Unamortized Debt Discounts And Issuance Costs" } } }, "auth_ref": [] }, "us-gaap_OtherNoncashIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", 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Credits", "label": "Other Noncurrent Liabilities And Deferred Credits [Member]", "documentation": "Other noncurrent liabilities and deferred credits." } } }, "auth_ref": [] }, "us-gaap_OtherNonoperatingIncomeAndExpenseTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeAndExpenseTextBlock", "presentation": ["http://www.howmet.com/role/OtherExpenseNet"], "lang": { "en-us": { "role": { "terseLabel": "Other Expense, Net", "label": "Other Nonoperating

Income and Expense [Text Block]", "documentation": "The entire disclosure for the components of non-operating income or non-operating expense, including, but not limited to, amounts earned from dividends, interest on securities, gain (loss) on securities sold, equity earnings of unconsolidated affiliates, gain (loss) on sales of business, interest expense and other miscellaneous income or expense items." } } }, "auth_ref": ["r259", "r260"] }, "us-gaap_OtherNonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeExpense", "crdr": "credit", "calculation": { "http://www.howmet.com/role/OtherExpenseNetOtherExpenseNetDetails": { "parentTag": "us-gaap_NonoperatingIncomeExpense", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://www.howmet.com/role/OtherExpenseNetOtherExpenseNetDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other, net", "label": "Other Nonoperating Income (Expense)", "documentation": "Amount of income (expense) related to nonoperating activities, classified as other." } } }, "auth_ref": ["r132"] }, "us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherPostretirementBenefitPlansDefinedBenefitMember", "presentation": ["http://www.howmet.com/role/PensionandOtherPostretirementBenefitsComponentsofNetPeriodicBenefitCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other postretirement benefits", "label": "Other Postretirement Benefits Plan [Member]", "documentation": "Plan designed to provide other postretirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans. Excludes pension benefits." } } }, "auth_ref": ["r458", "r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r485", "r486", "r487", "r488", "r489", "r490", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r506", "r507", "r509", "r512", "r515", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r531", "r532", "r533", "r888", "r889", "r890", "r891", "r892"] }, "us-gaap_OtherPostretirementDefinedBenefitPlanLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherPostretirementDefinedBenefitPlanLiabilitiesNoncurrent", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accrued other postretirement benefits (E)", "label": "Liability, Other Postretirement Defined Benefit Plan, Noncurrent", "documentation": "Amount of liability, recognized in statement of financial position, for defined benefit other postretirement plan, classified as noncurrent. Excludes pension plan." } } }, "auth_ref": ["r58", "r59", "r105", "r158"] }, "us-gaap_OtherReceivablesNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherReceivablesNetCurrent", "crdr": "debit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Other receivables", "label": "Other Receivables, Net, Current", "documentation": "Amount, after allowance, of receivables classified as other, due within one year or the operating cycle, if longer." } } }, "auth_ref": [] }, "hwm_OtherRestructuringAndDisposalOfBusinessMember": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "OtherRestructuringAndDisposalOfBusinessMember", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesActivityandReserveBalancesforRestructuringChargesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other\u00a0exit costs", "label": "Other Restructuring And Disposal Of Business [Member]", "documentation": "Other Restructuring And Disposal Of Business" } } }, "auth_ref": [] }, "us-gaap_OtherRestructuringCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherRestructuringCosts", "crdr": "debit", "calculation": { "http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails": { "parentTag": "us-gaap_RestructuringCostsAndAssetImpairmentCharges", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other", "label": "Other Restructuring Costs", "documentation": "Amount of other expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses associated with a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r12"] }, "us-gaap_PaymentsForLegalSettlements": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForLegalSettlements", "crdr": "credit", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Payments for legal settlements", "label": "Payments for Legal Settlements", "documentation": "The amount of cash paid for the settlement of litigation or for other legal issues during the period." } } }, "auth_ref": ["r10"] }, "us-gaap_PaymentsForProceedsFromOtherInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForProceedsFromOtherInvestingActivities", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other", "label": "Payments for (Proceeds from) Other Investing Activities", "documentation": "Amount of cash (inflow) outflow from investing activities classified as other." } } }, "auth_ref": ["r946", "r962"] }, "us-gaap_PaymentsForRepurchaseOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRepurchaseOfCommonStock", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Repurchases\u00a0of\u00a0common\u00a0stock", "label": "Payments for Repurchase of Common Stock", "documentation": "The cash outflow to reacquire common stock during the period." } } }, "auth_ref": ["r134"] }, "us-gaap_PaymentsForRestructuring": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRestructuring", "crdr": "credit", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesActivityandReserveBalancesforRestructuringChargesDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Cash payments", "label": "Payments for Restructuring", "documentation": "Amount of cash payments made as the result of exit or disposal activities. Excludes payments associated with a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r386", "r964"] }, "us-gaap_PaymentsOfDebtExtinguishmentCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDebtExtinguishmentCosts", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 5.0 } }, "presentation": ["http://www.howmet.com/role/DebtPublicDebtDetails", "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Premiums paid on early redemption of debt (N)", "terseLabel": "Payment for early redemption of debt", "label": "Payment for Debt Extinguishment or Debt Prepayment Cost", "documentation": "Amount of cash outflow for cost from early extinguishment and prepayment of debt. Includes, but is not limited to, third-party cost, premium paid, and other fee paid to lender directly for debt extinguishment or debt prepayment. Excludes accrued interest." } } }, "auth_ref": ["r7"] }, "us-gaap_PaymentsOfDebtIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDebtIssuanceCosts", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 8.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Debt issuance costs (N)", "label": "Payments of Debt Issuance Costs", "documentation": "The cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt." } } }, "auth_ref": ["r30"] }, "us-gaap_PaymentsOfOrdinaryDividends": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfOrdinaryDividends", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Dividends paid to shareholders", "label": "Payments of Ordinary Dividends", "documentation": "Cash outflow in the form of ordinary dividends to common shareholders, preferred shareholders and noncontrolling interests, generally out of earnings." } } }, "auth_ref": ["r134"] }, "us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Taxes paid for net share settlement of equity awards", "label": "Payment, Tax Withholding, Share-Based Payment Arrangement", "documentation": "Amount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement." } } }, "auth_ref": ["r262"] }, "us-gaap_PaymentsToAcquirePropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquirePropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Capital expenditures (C)", "label": "Payments to Acquire Property, Plant, and Equipment", "documentation": "The cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets." } } }, "auth_ref": ["r133"] }, "us-gaap_PensionAndOtherPostretirementBenefitsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "presentation": ["http://www.howmet.com/role/PensionandOtherPostretirementBenefits"], "lang": { "en-us": { "role": { "terseLabel": "Pension and Other

Postretirement Benefits", "label": "Retirement Benefits [Text Block]", "documentation": "The entire disclosure for retirement benefits." } } }, "auth_ref": ["r457", "r482", "r484", "r490", "r508", "r510", "r511", "r512", "r513", "r514", "r529", "r530", "r531", "r888"] }, "us-gaap_PensionContributions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionContributions", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Pension contributions", "label": "Payment for Pension Benefits", "documentation": "Amount of cash outflow for pension benefit. Includes, but is not limited to, employer contribution to fund plan asset and payment to retiree. Excludes other postretirement benefit." } } }, "auth_ref": ["r10"] }, "us-gaap_PensionPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionPlansDefinedBenefitMember", "presentation": ["http://www.howmet.com/role/PensionandOtherPostretirementBenefitsComponentsofNetPeriodicBenefitCostDetails", "http://www.howmet.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Pension benefits", "label": "Pension Plan [Member]", "documentation": "Plan designed to provide participant with pension benefits. Includes, but is not limited to, defined benefit and defined contribution plans. Excludes other postretirement benefits." } } }, "auth_ref": ["r458", "r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r506", "r507", "r509", "r512", "r515", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r531", "r532", "r535", "r888", "r889", "r893", "r894", "r895"] }, "hwm_PercentageOfCostOfGoodsSold": { "xbrltype": "percentItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "PercentageOfCostOfGoodsSold", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of cost of goods sold (as a percent)", "label": "Percentage Of Cost Of Goods Sold", "documentation": "Percentage of cost of goods sold." } } }, "auth_ref": [] }, "us-gaap_PortionAtFairValueFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PortionAtFairValueFairValueDisclosureMember", "presentation": ["http://www.howmet.com/role/FairValueofFinancialInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Portion at Fair Value Measurement", "label": "Portion at Fair Value Measurement [Member]", "documentation": "Measured at fair value for financial reporting purposes." } } }, "auth_ref": ["r594"] }, "us-gaap_PreferredClassAMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredClassAMember", "presentation": ["http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Preferred Class A", "label": "Preferred Class A [Member]", "documentation": "Outstanding nonredeemable preferred class A stock or outstanding convertible preferred class A stock. Classified within stockholders' equity if nonredeemable or redeemable solely at the option of the issuer. Classified within temporary equity if redemption is outside the control of the issuer." } } }, "auth_ref": [] }, "us-gaap_PreferredStockDividendsAndOtherAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockDividendsAndOtherAdjustments", "crdr": "debit", "calculation": { "http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockReconciliationofInformationUsedtoComputeBasicandDilutedEPSDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Less: preferred stock dividends declared", "label": "Preferred Stock Dividends and Other Adjustments", "documentation": "The aggregate value of preferred stock dividends and other adjustments necessary to derive net income apportioned to common stockholders." } } }, "auth_ref": ["r35", "r940", "r980"] }, "us-gaap_PreferredStockDividendsPerShareDeclared": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockDividendsPerShareDeclared", "presentation": ["http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Preferred (in usd per share)", "label": "Preferred Stock, Dividends Per Share, Declared", "documentation": "Aggregate dividends declared during the period for each share of preferred stock outstanding." } } }, "auth_ref": [] }, "us-gaap_PreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockMember", "presentation": ["http://www.howmet.com/role/Cover", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Preferred stock", "label": "Preferred Stock [Member]", "documentation": "Preferred shares may provide a preferential dividend to the dividend on common stock and may take precedence over common stock in the event of a liquidation. Preferred shares typically represent an ownership interest in the company." } } }, "auth_ref": ["r923", "r924", "r927", "r928", "r929", "r930", "r1091", "r1094"] }, "us-gaap_PreferredStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockValue", "crdr": "credit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock", "label": "Preferred Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r108", "r690", "r905"] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "calculation": { "http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.howmet.com/role/ConsolidatedBalanceSheetunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Prepaid expenses and other current assets", "label": "Prepaid Expense and Other Assets, Current", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r957"] }, "us-gaap_ProceedsFromIssuanceOfLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfLongTermDebt", "crdr": "debit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Additions to debt (N)", "label": "Proceeds from Issuance of Long-Term Debt", "documentation": "The cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer." } } }, "auth_ref": ["r29", "r735"] }, "us-gaap_ProceedsFromLinesOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromLinesOfCredit", "crdr": "debit", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Borrowings", "label": "Proceeds from Lines of Credit", "documentation": "Amount of cash inflow from contractual arrangement with the lender, including but not limited to, letter of credit, standby letter of credit and revolving credit arrangements." } } }, "auth_ref": ["r29", "r969"] }, "us-gaap_ProceedsFromSalesOfBusinessAffiliateAndProductiveAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSalesOfBusinessAffiliateAndProductiveAssets", "crdr": "debit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from the sale of assets and businesses (D)(P)", "label": "Proceeds from Sales of Business, Affiliate and Productive Assets", "documentation": "Aggregate cash proceeds received from a combination of transactions in which noncurrent assets are sold, which may include the sale of a business, an investment in an affiliate (including an equity method investee), property, plant and equipment and intangible assets. Excludes sales of trading, available-for-sale, and held-to-maturity securities." } } }, "auth_ref": ["r946"] }, "us-gaap_ProceedsFromStockOptionsExercised": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromStockOptionsExercised", "crdr": "debit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.howmet.com/role/StatementofConsolidatedCashFlowsunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from exercise of employee stock options", "label": "Proceeds from Stock Options Exercised", "documentation": "Amount of cash inflow from exercise of option under share-based payment arrangement." } } }, "auth_ref": ["r6", "r19"] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails", "http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Axis]", "label": "Product and Service [Axis]", "documentation": "Information by product and service, or group of similar products and similar services." } } }, "auth_ref": ["r194", "r195", "r196", "r197", "r198", "r199", "r219", "r343", "r648", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r851", "r885", "r914", "r916", "r917", "r921", "r922", "r954", "r1006", "r1008", "r1015", "r1060", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1080", "r1081", "r1082", "r1083", "r1084", "r1085", "r1086", "r1087", "r1088", "r1089", "r1090"] }, "srt_ProductsAndServicesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails", "http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails",

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Includes, but is not limited to, retirement benefit arrangement for defined benefit pension and other postretirement plans, retirement benefit arrangement for defined contribution pension and other postretirement plans, and special and contractual termination benefits payable upon retirement." } } }, "auth_ref": ["r458", "r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r506", "r507", "r509", "r512", "r515", "r519", "r520", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r531", "r532", "r533", "r535", "r888", "r889", "r890", "r891", "r892", "r893", "r894", "r895"] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "calculation": { "http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails", "http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails", "http://www.howmet.com/role/StatementofConsolidatedOperationsunaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Sales (C)", "terseLabel": "Sales", "label": "Revenue from Contract with Customer, Excluding Assessed Tax", "documentation": "Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise." } } }, "auth_ref": ["r173", "r174", "r310", "r319", "r320", "r334", "r340", "r343", "r345", "r347", "r455", "r456", "r648"] }, "hwm_ReversalOfPreviousSeveranceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "ReversalOfPreviousSeveranceCosts", "crdr": "credit", "calculation": { "http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails": { "parentTag": "us-gaap_RestructuringCostsAndAssetImpairmentCharges", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Reversals of previously recorded layoff reserves", "terseLabel": "Reversal of previously recorded layoff reserve", "label": "Reversal Of Previous Severance Costs", "documentation": "Reversal Of Previous Severance Costs" } } }, "auth_ref": [] }, "us-gaap_RevolvingCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevolvingCreditFacilityMember", "presentation": ["http://www.howmet.com/role/DebtCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revolving Credit Facility", "label": "Revolving Credit Facility [Member]", "documentation": "Arrangement in which loan proceeds can continuously be obtained following repayments, but the total amount borrowed cannot exceed a specified maximum amount." } } }, "auth_ref": [] }, "us-gaap_SalesRevenueNetMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesRevenueNetMember", "presentation": ["http://www.howmet.com/role/BasisofPresentationDetails", "http://www.howmet.com/role/SegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Benchmark", "label": "Revenue Benchmark [Member]", "documentation": "Revenue from sale of product and rendering of service and other sources of income, when it serves as benchmark in concentration of risk calculation." } } }, "auth_ref": ["r347", "r947"] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": ["http://www.howmet.com/role/AccumulatedOtherComprehensiveLossTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Changes in Accumulated Other Comprehensive Loss by Component", "label": "Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block]", "documentation": "Tabular disclosure of the components of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r27", "r1043", "r1044"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype":

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It may be appropriate to group certain similar plans. Also includes schedule for fair value of plan assets by major categories of plan assets by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets or liabilities (Level 1), Significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": ["r15", "r60", "r61", "r62", "r63"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Reconciliation of Information Used to Compute Basic and Diluted EPS", "label": "Schedule of Earnings Per Share, Basic and Diluted [Table Text Block]", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": ["r979"] }, "us-gaap_ScheduleOfEntityWideRevenueByMajorCustomersByReportingSegmentsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEntityWideRevenueByMajorCustomersByReportingSegmentsTable", "presentation": ["http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Revenue by Major Customers, by Reporting Segments [Table]", "label": "Schedule of Revenue by Major Customers, by Reporting Segments [Table]", "documentation": "Disclosure of information about the extent of the entity's reliance on its major customers." } } }, "auth_ref": ["r141"] }, 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"Schedule of Components of Net Periodic Cost (Benefit)", "label": "Schedule of Net Benefit Costs [Table Text Block]", "documentation": "Tabular disclosure of the components of net benefit costs for pension plans and/or other employee benefit plans including service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) recognized due to settlements or curtailments." } } }, "auth_ref": ["r159"] }, "us-gaap_ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "presentation": ["http://www.howmet.com/role/OtherExpenseNetTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Other Expense, Net", "label": "Schedule of Other Nonoperating Income (Expense) [Table Text Block]", "documentation": "Tabular disclosure of the components of non-operating income or non-operating expense that may include amounts earned from dividends, interest on securities, gains (losses) on securities sold, equity earnings of unconsolidated affiliates, net gain (loss) on sales of business, interest expense and other miscellaneous income or expense items." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfPropertyPlantAndEquipmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfPropertyPlantAndEquipmentTable", "presentation": ["http://www.howmet.com/role/PropertiesPlantsandEquipmentnetPropertiesPlantsandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant and Equipment [Table]", "label": "Property, Plant and Equipment [Table]", "documentation": "Disclosure of information about physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated deprecation." } } }, "auth_ref": ["r13", "r618"] }, "us-gaap_ScheduleOfRestructuringAndRelatedCostsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRestructuringAndRelatedCostsTable", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesActivityandReserveBalancesforRestructuringChargesDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Restructuring and Related Costs [Table]", "label": "Restructuring Cost [Table]", "documentation": "Disclosure of information about restructuring cost. Includes, but is not limited to, expected cost, cost incurred, statement of income caption that includes restructuring cost recognized, and amount of restructuring reserve." } } }, "auth_ref": ["r385", "r386", "r387", "r388", "r391", "r392", "r393"] }, "us-gaap_ScheduleOfRestructuringAndRelatedCostsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRestructuringAndRelatedCostsTextBlock", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Restructuring and Other (Credits) Charges", "label": "Restructuring and Related Costs [Table Text Block]", "documentation": "Tabular disclosure of costs incurred for restructuring including, but not limited to, exit and disposal activities, remediation, implementation, integration, asset impairment, and charges against earnings from the write-down of assets." } } }, "auth_ref": ["r50", "r147", "r148"] }, "us-gaap_ScheduleOfRestructuringReserveByTypeOfCostTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRestructuringReserveByTypeOfCostTextBlock", "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Activity and Reserve Balances for Restructuring Charges", "label": "Schedule of Restructuring Reserve by Type of Cost [Table Text Block]", "documentation": "Tabular disclosure of an entity's restructuring reserve that occurred during the period associated with the exit from or disposal of business activities or restructurings for each major type of cost. This element may also include a description of any reversal and other adjustment made during the period to the amount of an accrued liability for restructuring activities. This element may be used to encapsulate the roll forward presentations of an entity's restructuring reserve by type of cost and in total, and explanation of changes that occurred in the period." } } }, "auth_ref": ["r51", "r149"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTable", "presentation": ["http://www.howmet.com/role/SegmentInformationNarrativeDetails", "http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails", "http://www.howmet.com/role/SegmentInformationReconciliationofCapitalExpendituresDetails", "http://www.howmet.com/role/SegmentInformationSegmentOperatingProfittoConsolidatedIncomebeforeIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Segment Reporting Information, by Segment [Table]", "label": "Schedule of Segment Reporting Information, by Segment [Table]", "documentation": "Disclosure of information about profit (loss) and total assets by reportable segment." } } }, "auth_ref": [

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An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss." } } }, "auth_ref": ["r43", "r44", "r45"] }, "us-gaap_ScheduleOfShortTermDebtTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShortTermDebtTable", "presentation": ["http://www.howmet.com/role/DebtCommercialPaperDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Short-Term Debt [Table]", "label": "Short-Term Debt [Table]", "documentation": "Disclosure of information about short-term debt arrangement. Includes, but is not limited to, description of arrangement, lender, repayment term, weighted-average interest rate, borrowed amount, and description and amount of refinancing of short-term obligation when obligation is excluded from current liability." } } }, "auth_ref": ["r99"] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Title of 12(b) Security", "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r934"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://www.howmet.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Security Exchange Name", "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r936"] }, "hwm_SegmentAdjustedEBITDA": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "SegmentAdjustedEBITDA", "crdr": "debit", "presentation": ["http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Segment Adjusted EBITDA", "label": "Segment Adjusted EBITDA", "documentation": "Segment Adjusted EBITDA" } } }, "auth_ref": [] }, "us-gaap_SegmentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentDomain", "presentation": ["http://www.howmet.com/role/DivestitureDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails", "http://www.howmet.com/role/SegmentInformationDisaggregationofRevenuebyMajorEndMarketServedDetails", "http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Segments [Domain]", "label": "Segments [Domain]", "documentation": "Components of an entity that engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": ["r173", "r174", "r175", "r176", "r310", "r315", "r318", "r319", "r320", "r321", "r322", "r323", "r324", "r325", "r326", "r327", "r328", "r329", "r331", "r332", "r333", "r334", "r335", "r336", "r337", "r338", "r340", "r341", "r342", "r347", "r360", "r361", "r362", "r363", "r364", "r365", "r366", "r367", "r368", "r370", "r388", "r393", "r704", "r705", "r706", "r707", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r866", "r869", "r870", "r875", "r919", "r1060", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1080", "r1081", "r1082", "r1083", "r1084", "r1085", "r1086", "r1087", "r1088", "r1089", "r1090"] }, "us-gaap_SegmentExpenditureAdditionToLongLivedAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentExpenditureAdditionToLongLivedAssets", "crdr": "debit", "presentation": ["http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails", "http://www.howmet.com/role/SegmentInformationReconciliationofCapitalExpendituresDetails"], "lang": { "en-us": { "role": { "terseLabel": "Capital expenditures", "verboseLabel": "Capital expenditures", "label": "Segment, Expenditure, Addition to Long-Lived Assets", "documentation": "Amount of expenditure for addition to long-lived assets included in determination of segment assets by chief operating decision maker (CODM) or otherwise regularly provided to CODM. Excludes expenditure for addition to financial instrument, long-term customer relationship of financial institution, mortgage and other servicing rights, deferred policy acquisition cost, and deferred tax assets." } } }, "auth_ref": ["r310", "r329", "r340", "r869", "r870"] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": ["http://www.howmet.com/role/DivestitureDetails", "http://www.howmet.com/role/IncomeTaxesNarrativeDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Geographical [Domain]", "label": "Geographical [Domain]", "documentation": "Geographical area." } } }, "auth_ref": ["r186", "r188", "r191", "r193", "r200", "r201", "r202", "r203", "r204", "r205", "r206", "r207", "r208", "r209", "r345", "r346", "r652", "r653", "r654", "r655", "r656", "r657", "r658", "r659", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r678", "r679", "r680", "r681", "r755", "r757", "r759", "r815", "r817", "r820", "r830", "r836", "r839", "r840", "r841", "r842", "r843", "r844", "r845", "r846", "r847", "r852", "r886", "r906", "r907", "r908", "r909", "r910", "r911", "r912", "r913", "r918", "r925", "r1015", "r1060", "r1063", "r1064", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1073", "r1074", "r1075", "r1076", "r1077", "r1078", "r1079", "r1080", "r1081", "r1082", "r1083", "r1084", "r1085", "r1086", "r1087", "r1088", "r1089", "r1090"] }, "us-gaap_SegmentReportingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingAbstract", "lang": { "en-us": { "role": { "terseLabel": "Segment Reporting [Abstract]", "label": "Segment Reporting [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SegmentReportingDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingDisclosureTextBlock", "presentation": ["http://www.howmet.com/role/SegmentInformation"], "lang": { "en-us": { "role": { "terseLabel": "Segment Information", "label": "Segment Reporting Disclosure [Text Block]", "documentation": "The entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments." } } }, "auth_ref": ["r176", "r310", "r314", "r315", "r316", "r317", "r318", "r330", "r332", "r333", "r338", "r339", "r340", "r341", "r342", "r343", "r344", "r347", "r865", "r867", "r868", "r869", "r871", "r872", "r873"] }, "us-gaap_SegmentReportingInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingInformationLineItems", "presentation": ["http://www.howmet.com/role/SegmentInformationNarrativeDetails", "http://www.howmet.com/role/SegmentInformationOperatingResultsofReportableSegmentsDetails", "http://www.howmet.com/role/SegmentInformationReconciliationofCapitalExpendituresDetails", "http://www.howmet.com/role/SegmentInformationSegmentOperatingProfittoConsolidatedIncomebeforeIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Segment Reporting Information [Line Items]", "label": "Segment Reporting Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc." } } }, "auth_ref": ["r127"] }, "hwm_SeparationAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "SeparationAgreementMember", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Separation Agreement", "label": "Separation Agreement [Member]", "documentation": "Separation agreement." } } }, "auth_ref": [] }, "hwm_SeparationAndDistributionAgreementSuretyBondsAmountOutstanding": { "xbrltype": "monetaryItemType", "nsuri": "http://www.howmet.com/20240930", "localname": "SeparationAndDistributionAgreementSuretyBondsAmountOutstanding", "crdr": "credit", "presentation": ["http://www.howmet.com/role/ContingenciesCommitmentsandOtherLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Surety bonds, amount outstanding", "label": "Separation And Distribution Agreement, Surety Bonds, Amount Outstanding", "documentation": "Separation And Distribution Agreement, Surety Bonds, Amount Outstanding" } } }, "auth_ref": [] }, "us-gaap_SeveranceCosts1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeveranceCosts1", "crdr": "debit", "calculation": { "http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails": { "parentTag": "us-gaap_RestructuringCostsAndAssetImpairmentCharges", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.howmet.com/role/RestructuringandOtherCreditsChargesNarrativeDetails", "http://www.howmet.com/role/RestructuringandOtherCreditsChargesRestructuringandOtherChargesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Layoff costs", "label": "Severance Costs", "documentation": "Amount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r12"] }, "us-gaap_ShortTermDebtLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtLineItems", "presentation": ["http://www.howmet.com/role/DebtCommercialPaperDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-Term Debt [Line Items]", "label": "Short-Term Debt [Line Items]", "documentation": "Line items represent financial concepts

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These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r270", "r271", "r272", "r311", "r613", "r648", "r734", "r752", "r763", "r765", "r766", "r767", "r768", "r769", "r772", "r775", "r776", "r777", "r778", "r779", "r780", "r781", "r782", "r783", "r785", "r786", "r787", "r788", "r789", "r791", "r794", "r795", "r796", "r797", "r798", "r799", "r800", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r811", "r926"] }, "us-gaap_StatementOfCashFlowsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfCashFlowsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Cash Flows [Abstract]", "label": "Statement of Cash Flows [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfFinancialPositionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfFinancialPositionAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Financial Position [Abstract]", "label": "Statement of Financial Position [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfIncomeAndComprehensiveIncomeAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Comprehensive Income [Abstract]", "label": "Statement of Comprehensive Income [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfStockholdersEquityAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Stockholders' Equity [Abstract]", "label": "Statement of Stockholders' Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementTable", "presentation": ["http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited", "http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Statement [Table]", "label": "Statement [Table]", "documentation": "Disclosure of information about statement of comprehensive income, income, other comprehensive income, financial position, cash flows, and shareholders' equity." } } }, "auth_ref": ["r270", "r271", "r272", "r311", "r349", "r613", "r648", "r734", "r752", "r763", "r765", "r766", "r767", "r768", "r769", "r772", "r775", "r776", "r777", "r778", "r779", "r780", "r781", "r782", "r783", "r785", "r786", "r787", "r788", "r789", "r791", "r794", "r795", "r796", "r797", "r798", "r799", "r800", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r811", "r926"] }, "us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueShareBasedCompensation", "crdr": "credit", "presentation": ["http://www.howmet.com/role/StatementofChangesinConsolidatedEquityunaudited"], "lang": { "en-us": { "role": { "terseLabel": "Common stock issued: compensation plans", "label": "Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Value, after forfeiture, of shares issued under share-based payment arrangement. Excludes employee stock ownership plan (ESOP)." } } }, "auth_ref": ["r65", "r108", "r109", "r155"] }, "srt_StockRepurchaseProgramAuthorizedAmount1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "StockRepurchaseProgramAuthorizedAmount1", "crdr": "credit", "presentation": ["http://www.howmet.com/role/EarningsPerShareandCommonStockNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Authorized repurchase amount", "label": "Share Repurchase Program, Authorized, Amount", "documentation": "Amount authorized for purchase of share under share repurchase plan. 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stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or
affiliates, and transactions not in the ordinary course of business." } } }, "auth_ref": ["r623", "r625"] },
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one year, five months, and thirteen days." } } }, "auth_ref": ["r379"] }, "us-gaap_TaxPeriodAxis": { "xbrltype": "stringItemType", "nsuri":
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0000004281-24-000034-xbrl.zip IDEA: XBRL DOCUMENT begin 644 0000004281-24-000034-xbrl.zip M4$L#!!0 (#R-9EG)M(5>Z | *5H . 97@Q,#%?,W$R-"YH=&WM M75%SVS82?K]?@7-RB3TC*9)LV8[L9LUW#8W29QQ["^0T5.+HQ6DHN/_B'Z?_[';92^7E ML4@RYFG!,^&SW,CDFGWTA?G$NEWWUKE*YUI>AQD;]H<'[*/2G^24V^>9S"+Q MHNCG])G]?/J,!CF=*'_^XM274R;]'W;DD0B&_9'O#7UO%UV\9D\TC\L!/+I!L*''J\]+PW3+.3F?2S<#SH]_^U4WLS M$Y^S+H_D=3(F>N%IH)(,Z-#0K_W5=K\Z"-?7,$ZFTO$!C)!RWP=.=",19./! M,7S3TG?1WE.1TN-'??KG!)]T Q[+:#Y^^D'&PK"W8L:N5,R3IQW#$],U0LO MOFCD_P3,!@:ACS,W5^@GDHDHYCX8XG0O/H=R(C,VZ/<&]2DU\\3%Z0\3^ MKJXOS#Y14[OWSS[N+M^[,/KR[?LG>7KU^=_W9? M&7 1!,++Y%0P;I@*V+]YDG,]9X,.XL:H==I.]28JRU0\?IZN4=O65@-4VHH. M#U:4>/^PSKS?J."5+SRE>295 M,LZ!1QI;[KSX621"\^@;4=S,+_8AE-"92KH7<1JIN1#LI=0@@$J#P8I3D1BB MF[U3D?3F;#<+!7OR:/_@9'-4K^.I)7.3'"7F['68$9EA@=)9R)!G'C%C M#AX#=.;!^W,:;2:S4.49"W(/:$9]VBHZJIW2$BX%[:8G%FH8+0Y#EJ*$K2 MIP+G;')H69U'S]JO&NU:Q!PF!7\LLUB>9#)BX.W#FUI,)3(#QM+ O18"&'7 MT&QY"BYB;&B:GDI\B6\Y@5X>W^0I"+OP88F2.4NUA+%H1>"G79#Z4G"M>7(M M<..'T)_-$/UQ=*?D-*C,6]RTZ;'OQKD;WB'G[AQ7O.I!;9!V-]Z*L'-4TD5R%]!:]^"-SCH^>1W-_0>\HU MO]8\#=EP=[('8T=JAL[A.@(+BK#[0$70 F-^1?= H*.S(-$L6= GCT;')[<+ M8HSV>X>D8!GY6>Z5B=(@6%U8LHBG1HR+7TY\:=*(S\.CWN^KM9IIN_OQC8Q0U[%#=\EOFKST/>X/#H];'_=Z@ M]=FZ;O>/@:#]6W7[C$BV9 -CP.=/?MC9WUGBG<7R%,0?#+C/'OD3_/?$/24C MN?+0KO8O3MN-LWAFF/#T9H8VOL>A"K*H?.PP,_BD0$&"-HD+L'L;L=4Y\\&ASV M3QJ;3<2#\+7RZ6<%I"0\\02)WEL5RP0D$38_#\+W%9CW9\6NB-RTL>9[$SC-(Q*A$L@XX[-@N5-(8_ -5A/=4$ME6[9$]%D!CF6!B*!$V?X2IL#(&MR8U-Y] JP')PS/\XE-J=A8* 2]I 9>HB+_A>;8/:88T;BPZ[M2_88;>WW,"$ M1CS=Z\"LK[GV(V$H_16J&; KF5>F9'LH)F)8*")*L5'RSG?3Z;&?8 R<,9\J MZ1--T)VO\DF&D=?VA3$RSJ.,)T+E!I8&F;S*XEAIC,SRA):NI*W#)GD&BU,) MWU*P&"E;1(QOM> =S.7!=YFBD4.0-6&R(G&XQJT!>HWR)-6*DJA@A((8[7MV==>Z.?D^_"@UZ4-MJOU_J!=Q]6O1G6C!/W5Y /,8\VC&YV9G8Z6R]\EMD'&]*Q%6, M8YF,VW0=GEC)&-6K--X[VS+$&$,76?= C M<"!%XG-=O$,&H%[KX>K,BJH#294)T+T!,,X88(K0%E+QK2R4&II@H3M: A^ M>9$$PQ=@-.0N6=F5P7=E0)WZ(A P1CEV_L5G3Z3.RV!OA"!/CMS\#;O:Y!!31KXS[/>7 M8;OTQ2:0),5RQJZZXE;&;((=/1=76&GW!\B_@C_52 _3T=D< FZD MRM: MTS\H=:X+$*LH?:E5X2B0]'@*VT>B+0!F4Z7IDT<'1R>D(? J M/H;W-/S0TL-?0O L\@3:<\9V,]ED;4#A:>&(Y&-9GR/G6<&OO%(M)>V)7X MLA2T-^=)5FQJ;R,M"V3'3^2X"T$&:%HN!\P!" 3L0 M_N!3BN]L>YW]RJPV3.O."W!R_Y/8ZL&:&;2"%A-7"F9+!T6Z1!:MTA,L?#7 M&A8& "G=FIY0,5LS4)0N>.KO2%KCC7N%'6+/K 4 M?[=:2X:WP*5=L\=F*H_\BB"$'):'3@^1?X Q26Y"6\.4Q=6M9TE;["B)H6 M+)4U@\;CF":$^T0(?H/964T("$5W3TT;I Y>G'FB=AJ=AV M@W!&5'Y PK?!('BPZM(0A-,>:07_,)\"#ERJC%@<3"I9C,;IF4Q[EHN+F6FFO[N] .8!P5 V[MS2MD[2?,@KSA^A._J_4RRY'10MHY%4#L&=WU);LM3YPW;8&ENHU]N-[S+,,M[W6>Y6X%!^[@ 2>GEP2AFXY%XF%,\J 5GO]L\RUE'L?$(]1-2Q&L4CG!I=! MKF5L(5)5>1CK(#.P<)0A): V= DIP_,-^4:*J.2F[\T:FG8Z\=N"S/O(U0M50$!L87-3'."YM507P%]-+^FX?@-IB##_4,%[BW.EQGQQX,CJA7:?B-?E=>-_M"NJ6\@?7>_/NCW6V&\#%Z<642B]<[H\#[=;)H:-Y4ALL_4G4FN#1^4+X5_R M6%PVK?ITH>,)L,BZ+7_DE%I/4- MYHT6\2Q7I(4QD;M+U+@X(J+*2H9)>?L)}/<^E ZOCW_=(-E_8LL88=2?[88 M B:&)6P2TX>TB>(LT/;BB7*,)D!J%8&8C=:!Z[)_.&(4^*WOY&!E3'%UT!0/ M3>,98"!58CJM'=$B;FZ$L2*]TV@ M8=T%,-80+I'58 3_!BM6[,)-(*H@X*)7]N3]_;5[=ZG][;VK?O@5),4M>!5. M-Y[%S1!.,1I))]<>075!(CY14UN]S"M1V^+VGI4,02V(-SH^8;MR#_#;Y2[J M =Z*%D'K((5KHD^#0*468FJT(_*&7.=;O)M=4#WX.<]8JL@38#4XNQ)I MQ#T;>;6$26OP2FOHS%GC$$\>'0\'1R>F+%2&QC821TBP:T=9'=TFYY9'FC(MU@?4@&'/3ZCYKKP5UVCZ,)!23*6K9W#1M(=W<>@5@ MC+FIY!#N'Y[';.XAF!=\>0 MS 9:Q874=IK*FE82(2O5!1T8<2FWKU'=7!%5I1PMXK,U1P/N6\KSXZE/&VU MQ.4,2X="F;*?'XWL=4XR67)C:\DRJG3;*=."6K;4E0$=.1 M%UR7!+4)Y0^\G=ZF#]TM+N]U MUPYS6J/:83%1[3;EBWUVK13*84J09SENIS-;^*K/P?H\=#GP)!NN;VG*&WB MCGFYFX;I.UO'&2-RR?(Z9>YCQ@H3TA)P'KF*D6XDW]C]A!986..*=Y9JUHL[MN1V%*PC Z7E3:CL4)O)*ZN(":!I1);:R"^/TDO"; M1WH X"H '_PY 'YF_YJ@9_37$_T?4$L#!!0 (#R-9EF2]&H/;P@ +)) M -97@S,5\S<3(T+FAT;>U<:V\;N17]WE_!.FC6 2193UN6'0.IDVW3 M MOM8M']6'"&=S2$9X:S)$>R^NM[2(X>MN1$<5ZR=PQ$T0Q?E_<>GGM)7N@R MM7EV=9D2%U=_NOQSN\W>JKC*J; LUL0M"5896AS9;X+,#6NWZUK7JEQH.4TM MZW?[0_:;TC=RQD.YE3:CJV4_ER?A^?+$#W(9*;&XNA1RQJ1X?23/3D5O&(T& M8QZ-AL->+^KRT\%IKS\8Q0F-5L5_>T=HBNJAC;&+C%X?Y;)HI^3&GPS[G;-1 M:2_F4MATTNMV_W+DJUY=}]JP&$^C??@:NMGJS-*M,?-,3HN)G[)1:+HLCE6F M]-1%U_J=N))VPG.9+28__"IS,NPGFK-?5,Z+'UJ&%Z9M2,LD5#3R?P29()Y_ MG >1S]!/)@M:3J'7=T*_NTUE)"T;]. {*NUO2&*HE_9U$O29M92)C;J4JS):X M7UNHX4ZAWK?8/U1:L.L.^SGCA6VQV(NY8#;E]N6+T?CB0<7F7$\!*:O*R2D& M*[D0 'T[HP0JZ.--U[PL!+0^:0]0YZMK?OYWE'+[]Z':?5TA]W1DX-[UG* M9\0TS23-01&8+O"^5MDP5[$>E\YJ?=BUZW_>_P327L[VJ>MDV5O2"M3\IC8^R+NP%KGS\!:_8.SUE^Y@8U@C7S!;@HUSTA,J16,5IM**(A0 M*#@_C,!EP7BQ8%5A=468 5R"]PZP'&;J1P$9E6HMU6AH)B,MX7KAJN3\AC#N1I\&[P2$P9"9=RT8PU6(I88K0;4"S2&)(,WFJ8Q39BKWL6X_ M)TUU)VX"N309?(YS7W-I4TS0E!1[5V_)413 M.7M4U;@!^JHUAOE,LB9MX]X/O<58)] G<;!BP!!0 2S!VWEY8FY2EF1J;I8@U325QFKX'<;=_MRR WI&QM8,TLA=F2]IG ;7APOACW>V<7I@94'2 X@E)XAF\$0G]?N1"._7!>@&M6"X':-V8S%'9!I8#MIQ\GS9X\L#@R7)PIX_[J(<\+A)X?*#*5ZXX/",K'_-7! M8'G8.>\Y1;PE@]@?)O2.[^.8:SF?'//*[_$.<>(@)5ZI.!N5;?1 4AL)HVG M1M2BPO?C@NLUJ6X2LZ:,>_#5_G8-EE9-VJY0@F ABU&9%'Z_::K(2"&YEFX" M,D0%WE44KJ?*.$_MUZ_Q;MT3J3($@;#3](U*1)\RKC+N^!_3\D*L/3Y:A/AA M,^S!MXA<15 TVI-X/"4?&)"C0P+R8+@-Y+UI, O/^Q/@WK#&4IA)X=#*C2]X M8W]N@'07?3H(L"B(;C3A%@T4I5]6()M/ 1?U287:")W"E<^DJCBOMC+_A/W?TFBMC\=X=1Z(O$Z.C^O"''3_0) &*P6+W:M>" M8V=%_G#!G3L4UJN5T&JE)M5L.'XSZ.>A'<,7A\U:2]8)F\HJT\:[M5O?;:* M/@_I![5E&SV3+9L_A13+%=):DY3CS$V4KOG*X>P38H^M,'8E&DX)7H#'YYH$$<+=B?/=4",/\:N(=8*+E 6,Y7-R/G!@D_KTWA= MTR/E9:86A-)YJ@(G\CL !N"^2)#0.9!;OW >=2#"O(6E/!NSGZ"W/"(=Q#MM MA6OR Q'SKLZLW^/6(D2@!])M2)+QTM!D^>4"GK7,^&(B"]^?;W11K_A(6:OR MB;N%GSGWC+"NOJ7V"SX4UQ?TIX/.H#MT=_16XY]8#EQ?WW?\]?V)%=ME9Z/._MN#MZL+C;Z3U8]J%N^[W.^?E^W9YXD8/84(PI>?'Z;'"TTAV/;Z8:VW#1KBV) MW3GV9=\^[#Q7_D5)W-_M^^D[F1%__^/2;+Z>9)PB1==;,?Q#1LI^Q,9?.26XDUORXHN!=B35[9\M\>T8^_M^_S\T">2:7,2?C/IQ/]6T_\!4$L#!!0 (#R-9EF-8IU%F@4_"\> - M 97@S,E\S<3(T+FAT;>U967/;-A!^[Z_8RE/'GI%D4J;87%IDE.ET?SE*Q!)$^;8E^E&11%HWZ\4$Z&.S'!V/.#Z)] MQN-Q-$Q[_*^X1:+$7LE8MY;XM+40JI.C7W\RZ'7'P\)-5R)U^22.HI]:@?5P MEFGE:#U#\M7/2LV&,HTLG80LCUY,E[ML4 ++W$%;_6"J2=MRY3M6#0BJQBM^ ?))C(O/*XJD\>D1PJ%C0MQSQO]_"07MB7#0[UVT]V1+.8463>M:+V\A]:T=/$+C1"8XV_MZ]+8DM&Z3L,[Y-[F M[:UX%$T/HA'H#%R.\(Z9A"FTG5X;WOB5 O-^& M/Y3P3>:=HUYCJ:VDN-L&9#QO["A5BL92.1"7SJA\Z,G3?M&K!3IXAD;;@G&$ M7Q7OMH'!,4JV8@:!:U-H$ZH-=KRJ[:W]7B^:'NE%P=0Z/,536B[5M'2.:I,U M\%"D:UJ:N>VMX?[T?F?R/;GUIF2&0BO7\!;)8G)RG(RY5P M>:`;_+L4!OV!$+)7EP_$?:H?(,/BX4ZZ>U1[R$LCG-?P_(3G3,VQ*<#XH#\ M7VI"D3^+*KN:.?T8N*/VZ7?)YS)NE6'KEV1ZY/X MX*_[CL;^,'9T-KFT6;@^J[OAG-YSZ29MU!V-XVNI4?=ZV]>T]O:[O=[PSM5^_M'6.'@V[4[]]*[5X(;Q5B2B+U0O6TU6^=YIGQCW.CJ8MVZJKC'#'+I@5+4QKL M)KWB!&)*Z+ES5V*VD>_]M]^^RX5Y[M@/HA>[<1V6;^'Q]]B^P>V7>GFN-8^JMSGQIF+T2^;\=_MYPKEL_=(%CZGD8A\'%]?676WU?&IC-4ZZHSY4>-AI^L.4W1I4W]1BFZKXQ;,_MZB%EX?D)S5=.+-%/Y8*&J&JR.EJ;&X43L,<7N@N^M*'3?4_M8S,E*:WPTZ;_-\Y',^ZA&7=F\/^BFSP.9X_#V^HX&?!N$X2?)S-[F.V_M[BY#CZ/9'8QF?]+L:\-6I'ZVYBS >W%*3!U[8"V%U";#?CIZFN"[P-/8,& MTS5B3A[)"D(3%E9&.$>U:#TD'&ZB:O PA62] 5>W/7BH78X&TN;FBI7TK%RX M:5#S-E!A*+V2F,[#8R.P$A:!I;KP7 &^\R8Q5QH,\"^PHD!F;5UP6M[Q"_M@&G6,"_*LL9H)3@L/4BMU1=[D3,+"9) 8?12>&36Z0O(JB^_E9"2N$A5#7K#1*V/Q,P3DPU=-/ 5426@A;&6U ..MMS3(H"WKCC47K-*

H',>X=^4TYP MKGT&^?G[)1_^GO[UEP2$>1)@?2-7RUT%*GL%-OLSW,FJ.2\ MJH(9UR#$%Y5<'}]+MYN%M@&"GAB4S/>'C?O.,V W3 [1F0A+Z% JW:; (#5>D M]7=U8;L7+HK_!5!+ P04_" \C699,FKTTNM) 0!(LA8 $ &AW;2TR M,#(T,#DS,"YH=&WLO6EWXSB2-OI]?@6ONN]TYCF6S$6K,TOO*&5GE7NR; (_M MZIZ^7^Z!2,AB%46J0-)+__H7 *G-HDQ2I 2 1)^9K$R"X!X(A ;(K[^G]>Y MHSQ#Y-N>^]/?M);Z-P6ZIF?9[M-/?QL]C*^O__9_AO_Q}?]I-O_WV_T/Y= (S MPSET V6,(B@I;S8P4P)9E#YIX?^L)^! 8.JA>;,,9/3;V%F_(?IH%B]IJ M[>5MRU_1A=!!?5-M=YOM-M",[8'9;0[T3JI J,]T?KF!'3:9T\76K_=Z4P! M;$XZIM5L]R=6]!K@[!6[G8' M9M_2)RH??NGQBP(%A?GYR\O+ZT7H^6AIW-=5;7S__WU MQX,Y@W/0M%T_ *X)&_%3MN^U=:VW]>3K!#G+9XWS^(]E X[M_O'!W>3G"?!7 M[W_=N3\>EX:G?$Y_7=YJP24$Z$M]:+:>O.=S_,,Y6?'5F%_W#4###PW7Q.R&A M<'S[_H^3Q5N-$[_$>O?]>%+=\^C'Y:VF%[H!>DL>:_SCUGA#O_D$P&+UP!3X M$_KR^(>MFWT4[-Z(+V[=1#YI?T2S=U2>O(.#ZA#-_@'F-O$)MJGI3TS=>TL0KLO6BY0I]}!ZMTU3{34.C[{EP M.;,KAG]ZZ=& M %^#[A]*>&V<33 M<,&K]QI!> M^J^]84<'US*M^^V;P+G7Q"@[_B*O_K"H#$D2U'6!^[P[9ZU]0D,JN'_&(=_MX,K%%'H;XT\@X%R[%GS];_BV>KG6&*KT?VV]KQW^D7&(T-8J7;G6)=X/5M_1 M&\,FAC;^8*Z/#)8?B9G\XG8!$<:Y^_0#8OEX3_:1V^EO/ASY/@P> OQ)LIBW MT^^VBUG7QBOJ^3;ABZM7#&G? GCCPA^T'RW%IFHY']%$^AS-8TWN M0Z9"A,_^'4[F$4XC?;F'US{(#?^1;[R=W9+P5G)_&S?P>PL7"L2&*Q@[OD/>$ MP/QVXMA/=&//!<@KEWR4/K>:K-Y+DQ(CDRI>_AUX_@EI<#R!--JES.M\VV% M!!'*8],'^@EJ%-&X+WQJ#.")*U0#OPBP\O13P[?G"X?HC/3:#)%UV=286J^^ MA=4I^KGU-^)/^EZ(Z+^H;GH1NG9 Y^G/-/ZQL;P^QRP0(CB,_A7]^/5|^[?E MO\D[=MX7XC&\|?UELHES\|G"9]UU8;7D@@UB]$RN M@4W;[V)*.>A S^[\SRY M> E=;X[ADO#:K$NS]8KS[=%_-&N,Q E$>RBRP'_-M88^?"+@WWD=!LY%_%NN M]T&,0>\-PL07+G_,]\9P= I)+TEW]=I_K7;\OWO:^Z^JW_\KU+LC6SY+XQ>_.|I%KL* M%5(PT88<7__WMO;__N'5"+;?OJ!&RO)?V$9& ='UJ2'45#7\?\OGUK^MAFEM MW#IH$@-R^Y?EOYAG@V$2-&_[3PQU[QSF;:P:^0B +%LN=D M_+#[M].'P#/_&+W:6)(O;QE[\[GGTA^B]WP]3WS]:B56HQ"# M-H; M+E#L?977?*T.9 @D9\MB&:FX45HKUX4_W+(S#H5K:GJ)4^-! M@=VB6FEXU/A72J_^#(FCTYLO/!?_TS^M\K.]{-VREIU_??/C93^J/7"D-3^Z M$GGD-1]9%G4T N<.V-:U.P8+.P",,.M_=%7WR.M_#P-@N]"Z LBUW2=?F(4_MNG)],.";9C@/'9*X0\,.Y#X$9^1MS_#:-,TY%(86/&CX1YK:T;5VX?F; PM3 M.[H%4D5AP 'A]*/;5X4)E\%%26\959- 1[<2^9)_$A\Y\2&ZJ7TR^X,'8HEN MH)_6+U*6.TH7W48_H5^DM#47W2YGY!&/;HM7T10ZBU M=QZ<<+]ME^>ST47W!IQJORUQS0W^#7G^]MLRU[]F=CH_"R^\ W M;]E-3?U;L1Q"#8)?X;P5B?S. 0CPO%OKO+B9V9$(-'-VMK${1CA0W13^Z1G M45@02'2CG$V@B VQVJ);\Z=U7)7E+VR+;L2?T"%5VIH+;[^S<5R5MOZBQZ1/ M[;@J;>%%]RAPX+@JC1:B^PU.N-^6> 2JS;_5S\=^6^::BV[(L]AORUQ_T0WE MD^ZW92Z|\ 8PX_VV1%IT1+=O3W^J@\&!^8[HYC#[: HCPO%O4_/B+6=$H)H9 MW1(?.?$ANF_@=-$41@02W6'[-@-"V*)[F8XZ;&;\I1\T3T-ISMV4]Z:B^Y= M8'/LIKSU%JW)<.)C-Z4M?%=TCP)K[TZ9M!#=;W#Z7%D&U4^[_#L)..08'@C' MO_. %^N=$8%$M]YKX]UAA _1G0=5K]O>%=UAP"Q7E@6QN'4SC#W7A*3U'""% MO>W_|>V-]!A\QTNA'V!-!>W<7%3H^BC TM2S0C.X10\0/=MF_&G2>F,$D>43IOT-NN9L#M-[8?\ ';C?PV?HAO &!M6$}{<>&0E/GN'I M]3/#$]^Z9:L7@B=W#BL"#$PCWW-LB]+H&N]X_AH:JUYX#]$K25^ZL8<6'KX* M; [!:$ETN76?]%OI8)_;]U6=7([IRG_ O,9C];-\O09@Q.)?2X\[+)AY:O@,_ M@,2L>GCSR5BK"13N7(#B >4A0%B>A A6&BC<>2'% \H_9Q ZE08)=Q[/TX!$ M4&IQY_[\B%I+/KO&4T#Q*Z*H1'P$9?*+\B#]BHA2K8%\J+ MR ,L:J$$]H7R&?(B\JK?WVA/(2'0D)0V@CE#^33Q<]"%633(ZLOE&^03[2< M6#ED!!2A_(1\ N7$ZB(CH CE,^03*"=4(!F!1"C_(3\A9D;4$M*7R#X,4!\U M0@,_MU$@A%,JOR ,VZJ$*"N5%Y $6]5 "A? (9\@"+ZJM_0GD(6868&=%&*'\@GRY^ M1MF&#$HR:*I0SD$^X7+Z!$0F2!'*4|@G4DZ?D\@$*4*Y#?E$RFG3%)F@1"@? M(C]A9E;D$M*AR#X64"==4DB_(GN(U$1_%-*]R#X=-=$9A?0RLD=']#&N]X_AH:JUYX#]$K25^ZL8<6'KX* M; [!:$ETN76?]%OI8)_;]U6=7([IRG_ O,9C];-\O09@Q.)?2X\[+)AY:O@,_ M@,2L>GCSR5BK"13N7(#B >4A0%B>A A6&BC<>2'% \H_9Q ZE08)=Q[/TX!$ M4&IQY_[\B%I+/KO&4T#Q*Z*H1'P$9?*+\B#]BHA2K8%\J+ MR ,L:J$$]H7R&?(B\JK?WVA/(2'0D)0V@CE#^33Q<]"%633(ZLOE&^03[2< M6#ED!!2A_(1\ N7$ZB(CH CE,^03*"=4(!F!1"C_(3\A9D;4$M*7R#X,4!\U M0@,_MU$@A%,JOR ,VZJ$*"N5%Y $6]5 "A? (9\@"+ZJM_0GD(6868&=%&*'\@GRY^ M1MF&#$HR:*I0SD$^X7+Z!$0F2!'*8|@G4DZ?HL@$ M*4)Y#_E$RFFS%IF@1"A/(C\19U;D$M*KR#XD4"-=4A?2M\@> (O70'W4A/8SL MT5$/G5$7TL_('AW5UQ-U(;V-S$XW,R&14#Y"H(§==(*A?(P\@"_FNB#0OD3 M>$1\:!YVG):3& I(R-B'!QAA0\9 M%!$LU[1&EDA7AD0$ V<]S)"N#(@(ALN:V'' R'"(8+FM@@,A@B '1UB!0X9" M!,TIK9,5(N,A@H*T)M:(#(H(BL]Z6"4]&1D1%)_5MTYZ,CPBT,$15B"1,1+A MLDQK9)_T9)1$.'C6PS+IR3B)<,BLB4TB(R7"(;,&UHB,E0AQ<(05/&2T1+P4 M4T8GV%DT+.K)0(EX^#S]$78FT)0Q$O&@>?HS["R@V9?A$?&@>>=I# [$Q@*2,C M8AP<884/&101+->T1I9(7X9$! -G/E@E QD9$12?U;=.!C(\(M#! M$58@D3$2X,)+,FUJD2A2*H]P:W'OH\B#_4H)4WQXN'R&:DPR$[\"T'3QF3 6\+%UQ.(%;.MVYRS12\5Z=S:XOL6_>]W_Q(=Z3]WQC5GBUXFTG5NK>54??3&=E/W5[H1B\,! MW!K-@A"C5,X0SG9>JJ#OM<]OGFLET8.JJN(PAW"6,W_T*)4_A+.;'V<(I@HI M(LC$X0GAS&0^;% J'PAG%1/WW-I7D>*FF-DH>+L5B2>$,YCYHT>I_"&<+;VE MU&8AAUA6AB&"XC.><%1&,P\A&=#W"/;1/KN M81KA?XO#,N(9Y@)0J%0>XMA:1_8S(.U$UW2ZM_T_WB4:A A!UWQ[> &+8[-% MOZGKY2RZ<"8Y-\'L D=7M V>*71TQ1#.@N>6?$93'V0DW^:MQ<@GG/'/+?D& M3;V?D7R;MQ8CGWA^ U{(]_Z,V9HBQ;8SX3P'G":=E%AOVC#$=1^P9I,"%10V M;RTDY=KB.AM8DV^;H38I4HBAVN)Z&{CQCY9I+6%\RWPN^M@HACE$(5C=X)&8 M3%(2/<3S-/!!C_-C6W/KUF(4$,Y5L)%$+ (P/NBV<17^J52XS%M,6SDK?2!,6!\O"F=VG M6N4RL=SAUCH>(VC9P3*K?3M6=0^?/>>9G!3?NBEEU3-_^H?G/@68DH30"=5\ M;!? >3],O'}\QW&OJO8R.X%_L%HL!!FY MX&UN_0H/,P\%CWM),_;F\A0$_1+3R^#?@V^]:X(P!0F^TJ/D"TQ-:_MHSFI?+YZ_-+V3<O69;Z&/ MU6C?? XA&N5'\^2*J5@7DUVT 876Z})(_@]8[.9./4(WC]%P3(MUU5-?9PA+WR:X;_J95G5UZ[IS2'^R"JC?UO.?_<0M)_<<21NCO?5&S!_7Y+5 M=FT??_-V^CB#5YB$WOQM>?K M:Y=*R2_?D?DPBFR=+,)HG>W%L,I=UZ>0T?1 MFMZ$<@'>1_PT+XWD&Q4A4MRC.280SB&6S=6?HX9 M699-JNT"9[G'W+HK#$CFD4U]KEUMX8)(J;@* M2?G_'|^NK\8.L(_A'-N0%"HY!Z=WRY$4W(4;N*7 >X;I-K5.1IUB\]9B#,_E M+$((',)1Q!? MJ+\M_(<16\+;&N/$'"*)?>\.\L$%0-$0 MCQ"D/PJ3$]'CUJ\N(7"B>'_OZ&[B_+L7GMWIM?,>M]Z_CS+&?\ ;UPG2=LN M5?!PZRW*[6IU3 ^,/;3P(@GP3P_]@?6)L3=?X%='>L?QC:12:<.M.R4W;1"> MFFUN4&??DK;EE)?*Y_7J!H. ^% MR(1^],\9!!;JOF4_#[_B/^B4[0[L=LPIT+H6,-N#7AOTM7:W.S#[ECY1X4#_ M_XDZOW[&#]XOVCKK5YG$7QYL:U@=J&IZO_;H+<.O_H+X Z_ M3M Y?D'T]^@]NV\#Z F_,/ 6%VW\)C*%)L!,Y%Z00-D0X1<&8.+ Y?T3#^&I M-$W/<<#"AQ?+OWRQ;'_A@#>\3{(MPB9]Z$O\]HD7!-[\@@SU&:* 9/K%'Z'? MBWZ.9S$8M-I:ATPDP"L66,L/QW-LX3F>)USOMP9J\D]]2TM^1+Y]ZO.Z=JC MY8\QW(Q%T*#/8*(34/W4T#J-=\"(2:TM L7W-M2_A*QY)?X=P*TW1\7P"(M M=B]4!? ^V&L Y!=%AH"7C6]Z.A^NAB^6WHA1FU,PMYVWB[\]XBW)5V[@BW+O MS8'[MS,?N'[3QZP]C6[T[7_#"XU\A?[S)5J)'GX/A7F\,I.6.^WF^O'JTOE MX7'T>/6PS7<;@^=EM]7X]_NKQ^OKQZ4T/;7W^]?GBX MOKUA. 4UTQ3^.7KXY?KFY\?;FS/ELC5N*;K::0^6PS[NB-J)(_K/OVA=] MA=L KJ9SA-SOM_>_*E_Q3N5Z[DTXQR\QE7A#NX=3LCMK#<4%9.>UH'UQZ9GT ME#DQH!MT+YOB&X::VOP?NM^MWS)42])A)&[W_0^]%C MR3(WYP_MOI,^MF1Y3(C[3B!W5_)X*5+UQ2L1JM0<^!T=W6\1=G8&Z1!C^HK MGWX%Z_EUH6?5T@)K'TSUM6=&1LJ(4>7WMU,PGN_B-W8;HR3[#;9MNWO'E*"&516]%:B ME KERK6@=<_^%#U^%1F?V\QAX2O-.7[%C#S6M,!;\PT"U(3NDED,K\14#] M M'V;:AG"C'R]S*/(.M\>R|WWZ-MOG7=BAX1_AQ-1=V_%TV!XZ\VHW:\&;6K MO!D]WH]N'J[IEE/9W2BCU"$5&FR?N'F5[S86*)C:Q/F;'6E7U#U'GHT>70*I M@RT,^.:IK:%7D*/9KBS1>WW6OI MNEZ*-CS]JVH/"(M3!("#. ">_<_D/6O3J=<87D('O $"^AV*^ZH'14>P>MU')Z,\J&V%9Y^8ZAW MFJJA]? KZCM*3Y"VKP!)^HF D.Y6]"='/Y=L*D> K>YK]3+.,_ SO@@4'S8P[M^EVW[EL/+>5JOG"\-ZSW;P-+$KF1YZ5I% WU_X9U3A 7(PL"T'? MC_]#JD)]2U$QP*)"U91K'TP@U@F4AP!!&)PI#Z&-N4E7=\3'66Z#+/[L&/_U M%CUZ+ZM=0%;,PSL["/Q)B)YFI7V('ID);=(=W'2P*LF]*FH:' UW7? W.>@6N# M797]L/'<>?B#SO]G+Z(M,OZ8CHW2CJ[IS4Z_I_-L'23'*S_%DR,"=X'P.ML+ MX"CP%9HA:|37AR\G!:,9SYD8&!>.//:?89^X'"E M'JL]- ,U;-1/:=XRF-NBH/(_|@A3^QO->NA?_\2U_7>E]\ M)8 .7)!Y*BZ=J'}&]!PG)-N[@M5HB, C>*0Z@J9_FGQ>@G1D!A? +>8EA#&NM@592II,1:FO=9V$_LK*07AJSDC9W04 M+!Q>9C:^LI8@"805$-I>N;ID\H^E<[:">*R."5>P@\|X\S M90&0\DQ*F2I_)<%/94'2JF? %7#B56LJ8K2*N6JTCB0C\|U>Y1MMPNXHY,XJ= MO+?0"-^^,\YZF+7Q8/_EH3\B0"K+5YS4P74 MS("O3&T'LR=P"'29XAIM"?H4UX%ML_$QC? @%\"C.&UG;[DMK M:DD/8BJ1GTG>B&*%\I#HRO76!H FIHJCI"DV%\Y5/^'V8"WF(WH^?)$.) M7T9+<=.1T)$"/U &JF*!-[^UY2//Z;(,1Z? (HPPEPMH!"$)_!4BM,?P7]_# M,,DIGQ%>_X03LL!^$6=<)"0L:,8ACXO0Q?8MN8O&"_ WC;S#*A/U^WQ_-]Y! M*U:B%S-EX1)'G3%4((* (9R&F6QN!P'F3>A@9D/DC"R6,F*Q/O,FT)+H0"3 M:@F7(!18M8[T;-^QZ9/YC[$=[;5#A$L]_ 1C-R>RD/S4?E$EK+W13?T5GQ# M,+-I"LF"I) <6P1%XUT)%>A_;ATF++#96ARQ.+#M6PD*7PJ)T82%%!E.1@;D4 M* X>-E2 :6*1@5 W>SHC: M@E^'MWFR1$_*$_)>@MGRYQ;68B -FP6GMFM' 14L1XB[7,?3W#-"^K/\97E; MZ@W[QF>\D:@N\;1F=8^6)265S&W+PF;ZJ67 0=E'1 E 8\PV M3QYZ2S#@ZV4H+O"N$U\?/E\F73?(&FSE:X<0U% M1SBBBQM?^SWT WOZEIU^_!1O*[.94]*]OJO24/Y2,<#C:(V;, >-X5%A.(R0 M#1SE-ZQ}>Q94?GTHAHK5L9D=;%1':-UL*Q42*.4"17A\/$2Z6X2+E0(7_3- 6 MS210CI.@3%=_V3DO]:2?GN&H7VX9EC$[_/ D%^N M_<]TUJ?COI,;QD3GADY$Z8?&.TD82W1UV!/DSR3U!^)30/7H^[$T(_ M?DP%2 _[!ZOCQ$O?'_$)DF\]YT"^N\F+C3^//*BZ>FD=L^&?;IZ8&Z3- L(*U M!W)TA=Q,"K19 %F^0M*";2LYOVP94_D$/B<:\-(YQ=XYY<^@XRPAIWS"0*(N MHNB@XL<.F,\MY5_0/XB(I0D?/4$KJXH;MKC)>] YW0>"B,P2N4MMZH/*=[#A MD1%U?-YXSQMU2-I1&9(S G$$E1?R1[QLWVG @O-T+6C1.,9'5A'VU[(=@,S MCFEC-<[_J7%|\STA5$J3PVC&R -]6GT84#F*2;R)SFXX;UH>E4SDA5C9P!H$ M? I>Z6O5>8]A6NV=Z5SWKDCILVV,=1EDG=*)FE)+FIZ2DG2T9?$,_^>.OQL?.U MRA*5K%_%>8G*=Q5:%UZDY%P@&&5K[=1L70^2CDY=/P(F>"1AL/M(6IG7Z,_9 M:HT6X DV)PB"/YI@&D!T 9P7\.:3R91>7S;/L81XRFO9N^>QC]^9K:1NKY%W MD+RK"C&]O'JJN'A^8*Q.,I&^GI>J#O-*WU^IHY=05Z.NMMM$O MY57=5J_=$SXZE=E)6? P$1B4GE9P1>J)I)2>%W@&2CYT]_WH"S#^>$#;#K68\ M1-.$<#K](@XM/[*Z[P *(DI?9R!:UZF*D^"KW/G^ ?I*'9%/Z/X%(UAA>\W > MNW-:!U&FX)Q?.D3"Q*=3)EC]"K@9BS)#Q KJ2X9&!T9C^'WET:,G_Z/,8)*8 M\Q N%@[]_JZ8B>H!M2#_A^-1!HR(<&8P^-BVY$A\I>*2$8 M8Z+;&*[D O$*C3V7;H T\>AV 5%@+$N[BRV62,(!:5!64 \N MKMI(/?C8B"U-#WYG].36@Z6ES_VKHA=2(I6>8]5CR(;8M/<,2 M$YNLKY,*=QM*\#?@-~>$RL,,0MKE!&O)X@HV?6.G$7L:6SO-)32C*1G:F<#3 MDHZ8NHB8CG3$2$R\8_T/'#' GRG?'>^E @%),E,2!!-[!M4P/"GJ*J .=-ZI M])VJX7 [$K;36)B$Q/]]YLH/<;IDU.>6_OIU9^A';Q58"_MBY[<0V:P2NX1 M?3?M+W=3H:<@MBK0?Z<*B#L3Z0RHRY{5D\X B8D-3!A:S?08,F&A$V/)!"H2 MC*;@$]\G0*;QWB<@[&2H@T,Z-"HO]/O2H2$QL8F)-BEI&N Q!1[=X;=V_Z0C MCM);J#P@!D>R%D0HX:WH\G"VP! >]!K#7X$+GJC ^INO7-J^&? H^*3]&]+21 M'YPWWZ9Y-FI)AP6?%=5U)/?<0S]T GK+^JRFU(]CQO]6!$?862?<9CLD_H< M%QC65(.>? 2"E$J,NFT2:X0O.\M]$&#J>'Y+"AJ.)%P;*KP#] 0/EWO;_D,I= M]=%A'.N(GC BKBW5.Z%.!W*4)U '"1*/B[0YY)K2(1),.6O5)7Y[\$DY%2ZOY MIEPSK? =6VY)NBJSF)K18T?3&\ =\ DZTE=#.KW(OJ0'1C6,=SA-'_ ##PDPS,UH'=Y4DM4?4L&:,0&<;\Q_,V->J1 -!"WE 3A1GY4X MW^P!FB&R*

*QM&!OYO/B0_QLJ9U,QJ_^IF76E8B8RB$EST:O7F3VQ9JJ MGQG+/F_'4^B2>Z'=C>X?E6OE/__2US7MB_+]^F9T,[X>_5"N;|[?WO\Z>KR^ MO3FT0QSI/O%AC]!N^3U",TY[L]U-8C+QGGXIK8/7HINT%OOXZ]3+\8OW,H>! M,H+(PY\W:<';%ET"/YSXMF4#1"Q>[CO[9>IK\2ET06C9^.IG[B? TR785_%J' M#/Q,@:\F7 2DJ6N3-G55P)PT[/;SS>.T30:Q#&RID1S,TV6PTVFU>^7T!NRW M!OV/>P-FO]{7#3FFTXYIH)?1US'15ADN){[M'0&3G@H.73NX)_@-?:N!!9I+1D\OF,U.0\&(M^?\7]J-+L-Q05S2.YL/@&P MN+B'S]_X7?DS>FY%?S&?]K!,!SZ>'H07,V:3DB69>3[$/^?]0A>&Z3DTAP$ M/S7LU^#"#>=-RZ-L13Z"92A>)/P!_"7B%YTV#ZS2&G;..,9"\ M)Y7/.BJ?/>8@<6 83UN&(Q-CS:6C^R?,LGZR?I7R"A,ZTRR[^-M ,XNH(O)K4R@X[U\WNOLTO.M2Z)0$9NY4BPL[M*WTV).HJX45/0D9#B&3HN@=#)DVADR'%\C4P8UX#WT0[F6CID%GZ'C+>BI MGT*Z63VLG=2,D&AI,?POUPN{'_L=VI2!"SM%6L4G35W(AY.NQ$DU<9(:9L^' MD{C3@01*Y8"2&@W.!Y0^T=,Y 4H=/&1WR'NV::<:TG+3VG! {4BT,;/@[I6?L M4.UKTYN\XT3>88%!8]@M*[%/6JH\P21%^PH'U:/ Q2:08CPL#>BD9J,!"T[\#\KY@R@)WG< MK]SC?MW&\)+3XWX5-RT_%5*K?3Q^_+ <$(W/-122Q@Z1TD/SBX'J^ #8B)N.LNW(O9T<5>F58 V=WG.+B_C'?B*J7%Z'T>=D96BY65#%NG]H9:5 M3"B150UDI6B"BW/B+E\. {W$?)0@^;3&4*:951$T*:I^!JQLJF=3^Q5:S7]#Y"5@2"=%C?NZ MIG^12*H@DG94^Q+%CR'%3S5!LZ.6EPB:=E+|46@/+]=NW6M2R1KZJU-%9XH+ M YG;6EA=6ZYK9)G&&=XWGNLM3=8;F(3^3F/8YB7M2*:G'55E*QKFG8@;P@1)R*!,X]1,TUN5 +P6*W]9 MY[R=E"37=;K.LB^= {89X.=;]Z[}16D3W/1)*7+T&". 5M5V WJX#./G9CR>&JQYO2S])5S_LND58L5@&'UT!KVO-8:&<70//P_.4\DVDFTR6W9I,*-C1>SX14&$9INZ M'94)E[,WG6$P]S_"",_!2WFR MM@5)(V=U4BOG6'"$?_N-X2^G"_\FH^'S14K\MV@*DHC/EY3@(DIEY -.8?\9;P#?BVF:""=AB- MY])VP@!:"2/J$A? FKCG)292L!-U(PZG"2W\JOU'YE;*^EJ/81;!QJC|>SG M5G(\.Z$M.U-N+7"\1.R^1%< N7C8OK* 2/&)L^WB_8H+[4RI^_-E.I,T@W\| M4S$H'4E557;O(* (1@0\=./K[76LIY)9/;^^5ZFIG,AI#M=6O4%DB"?RJ [}, M"O#;;!/AM7HKF2.!+X*<"7RL%^:*2/;DOEY:R*!+X$?BKP>Z4 O]L8:BU=D&; M[_T\'J77#@.#FF)8!?'[K@UB=<6KMETD3;%ZVT4-R_BJUW:J823*L8%9W2Z70@ MH5]UZ.>SC?=#OU^.=2RA+Z'/IW6\'_H#:A]7J#.2A'[5H9_//MX+?3P .B*7 MU?EHB?'.8G"Z-$Q>C39^[2BZ$G)VR^,'D/*G@JC)R6/O#!ZVCS)GIJ= MV-X32\S$ %G34(1G@,-4MWAI=_@@B04ZA 5D*>:*XNT'-7)R:,3\D33WOUSV\^+ M_U@.; [0D^U&A?'T;?"9D#3Z.CW.Z$0>9U !NG-\;???/#!]0+\=@P(10_& MQB-[0L!1%@ %BC=5 GP[1AZMZP? #O4L4CZNM1SKUPO-MZO9'T &!_0R_O-A6,%ORQ\:#$2XNU/4C8()'B*&] M]Q%>EM]X%QC8^).,EC!?>HQ#(V?\HX=FJP*)"\SGS0F"X(\FF.()7@#*G!;SY MA'LV88D^6[=WR_9?MKM4/#TJ[H3;Z&KNE.>[MHU6QC/6#"%&}^V;(#LC7[' MO$[C84B@(NTS"X2_SXT 08[-R6H.-'$+I2DI^:<%_ XLY&E_!EBY0HB!;K6!VZZ MBB_%#;ZBS/%M,S_S0K '+;=L(IB/.MF*%![4#W"!%3AL:BN&>E97SLZ["!QP M3UJ.4-8B]YQ31E? U=I;R0:G3K<]Z&46YN)*K(E%4/HK8JQK?2^RJP4'6. MT(/Q/0]4K:9DC;MB%>O$]*F#D[1B3!#"LBV6*-Q35=8IUHU1TU39CE%N/+7=_M>(JU8]0T3? 9CE Q49P8JU151T_23M&4\@.QMR8%L%_Y/[R+'"*&$(O)[]"//24%F=9\XYENSGF;MX8[T^W7GF9/++\|RU M>9ZJ4!5 C(M]LGL\ ^X3D=}8GT%8.CVY^&&+"G"L=(0 D>Q.(M5!:MT"V1Y2 M*>>;1,J$^C"]1TH-$<3/Q1XRH+L!U@Y(C=[=)]8>'Z 8&"C*)DM?L;?ZP0_ MVI$\893";>? CX>/__9>BZ3[\%8R8*147N(%=J'U+5KI.PV3]'OH!(0!6 M/6^GC^#%UD>N]?1^].X#P+4D*J8$M.J8G^$HUV238[OC*. !;NS&L?EA. MHHU#M.TXECA 6P>CC6W!2(FV$WEA.$;*>9>EF-'^FXX\]V(HO1_]Q#^IZN8 M(<(X-=^4 .&W.=0QH8 5Q'WE]'4#A!$N*<'Y?3(E7OIQO/*/9.&CKXU^,V_K3$]\9].J,.?# (/]QK"SV[#GLX0?;_K,3C,"0D MZXEMJ16)O",)OJ(*_:DPJ-/T(5X%'WMUFSL%G_T Y5V\WU6SP!!)53>3@T,T MR@_JS\H3L%U? P4+;!/Y,F3K>BS*#UA.L6W0GUR96-+Q#+V_X^7^A:SV MSY@*Y.*(5/JXAZ8#?_^>XK59;FQX^JJ{4VF)_JCL.Y5T?'*HHJ=D/Y\&6:3D M,->.3HFN R58T2A.N3@SL 0SI 2K&,:*FGKE8BPY(LT)QMBKQ@(HXP63;5GP MRZ,7 $?)EVU;)&!3X(05@I_)PWH M%$ BJ2R]>T0XMZ=2@I!'$)X@K%, >KW&L/C1=(D_CO%M.8SKG9K8,Q97DAJYRZ'+T\EE[9 ?,O@$@VA!*&[M%+A)4I4D8@Q*+C]3 KWX+A,@.59R;'F1GGP<:Y"TE?9NPI[D6,FQDF-/8V?G MY%A2::>W&_V2'"'LY5G+L:8KYY.186MJGK-.M/'(L>R76-EM;+UUMJWZNT;LO(V5SJHS95[,(&I?4^[E-53N,,L0KU;S4N43*V M.:CD2EQ",UX(C2[$=O^":@5DDE=@Y/OP@XI5&6:,20W/7UTE^IQYAXIR,YED340GH^"?X9VL_8''=W>;EPMG72U)FV M$,_M^LGGO.&S/7J"\Z:? XKS!P!BY%OG/U1H>HV ,$"(F\3^ $\(D-XZ!C;L> MV[)1ZX[H)W"=2@[@:6YY.&!P) YH-X9=QF7ZUAS H/CV.VV^2>Z_Z&*&8@.) M>ZRF8^IAV]A7HLB;*V;HX\6!R#}3\#5? 8[CO1 7@T^<>7\M48B.EF_^[J%+ M+YP$T] 9F29>[L!?#RM6JAK*U$- S$/S4L%^#BZG]"JWFOR'R8M*8*17H1QMF ME_0P[>N:_F6'&W8ND,/4&+8S:E)2W8285+)*>IE5TK%@^COS*NDI1=*K6>CE2#3CU110QCF37.P;[-I M3DVHTQ@:9\:@K XC9=?.8*9+MR_Q?HI&3)+L%.0D4E264CJOR'%<]M3'\(;+CJAXZ0%2'0X9_.QYUHOM M.*?OL2@,!Z2(TN4*YD; {H#%LGZEMMME"TO_/1&P>"IJ.2D%C5,SWS[6(O(13 MB U&:UGP/ "O,FGH<'FY7,ZH2,DC>(V,.DVI@E+2@ [I--LKFIHBT6JCX>GD"Q7<@7PJU? 3"RH=54_0.3UVEDTLI19RNW${9%&GF>=XA%3$?*6)$-)ALJ9H)6;H?J4 MH=K%(\>52|UBL;W^L,'$=NS _B!,DJ\BX+N:XCP5*TP=6AW M84%W%6<'@9?U+90%>".GN,^4 $+RII!)?JQ^G@?^O]._5B%'1,"*VO5+LV7 ML0327<3W^7J4=0:-X8";T@VR&J6$?- %:3JF0[ZH8\OVRNDMRDG@@Q$%L3"(4 M0C+/.3GV2?=<>O0#PL0O,@N.@8+MW"G0/%S4G@S,A[)*FM9R31-4HGV4IY ME:9>B:8>"6+_S*FI)^/16;= (RB_I6J+1&'9DOD(5\9&R)V;$!REB+TBR0B6-M"-)D$D$_6/HVI/8)Z4I//E9R>S:=%Rj'H%0J#29#D2D_/!A)2ZD25?'@,6"^=8_I. L4*H?)B!S/;53P7*F\0(*GEE*GE8-7^1N0]L1Z67,J> M2)CF$?//,):6:9#T0=Z?O"B14G#?T3[H;9X$'J">IJ634UY5&M^"J">'68G0R9 MY1FTU-J6QTT3Z FJ: {Z3&#W:U*136A8@^Y--)1E&M85,F(E/8R M(WNY (3:!$*=XKYE<0/G;).)R'$$@H0)=.'4EI6^2MTL2='L*Y$WRWK$R=)+ M -/76]\B#KF+&(9T$- BP!C^L[]3K-(9=7:;45A$[Z76!"V*!)5UR_(62)] MSNTQ:I:Z\/Q@XZ2>W"OE7EE7JR!+XM'=%KN\$X%Y09%^O,91%HRL)HRRI2:7! MJ-\8#GCI6U\; W.GDO1F#C8Y^FXM&Y68^(^TW52F\8J8F"TMSW*:SXPC#EDV M"\\L^$C/+H.7>A_2[CRMW5D$.7VU,30ZA?/@9$7J_.J$9@B1OTMRE>@=HF MFF3;B9;R& M'E9!MZ"YEB%&Q)]%!U[4Q,@K4HM/O+V:>+6J;B?762>]UH,W66>;6[(E"YA? MO)"66$5QT>*K941'UV. M\%'F&3[>Y2!1VSRW@!"LA_,Y10A&J_@QPGN-85N594>JB(X4$9@%'=BR;FL5 MJ$/=4!/V?1Y*3H@ M]<43"LN2,#0@\=RS;O'>'U*GS(V&>Q@ DKFF0(!L545X%+ MY6W0-#[,07HP(3@C1W&>H>)XOHR*EAD5)3V5KGF/BE93[_Q4:*OU\?CQWQ*Z MRRT9B*80CC?9YYHVW/F!>>@&!K? 31_":6V(:&=AM*?):&C= V]E\&0&L M30#6-W:WY),#3/0\5NX'F*^>X(!SPS%*M(4?ITT4*>96@]3%(.2>]'C7(8H M/R6W>.DTANVSCEJ6-9F96)8EW4&7HKI60+PN@1XJG'TVI5,LF_V''U3JO' M3QW8Y%RWG3,2-!$W691GGS(F.%O/"P*M@>>'$@2OB%&,S@;M^E[]U9$_V<^7 MC%RK!&G4PUJV>M;IE-5,N3RB,C(%)5M+MF0YE*<GSH5)F80068Q&T-W#?2Y%KU_J)1('S9 MI=U GQ#6-A8 !8HW50)\.P8-73GJJI[:+G!- &]_B!_@"/930VG:0;JQ"_.FV M'FE9"|^G >@+1!JEV|_PRXMM!;,E=#<>C&FJKA\!$SR(,-C_"'"\KW'GG+M[X MDXR6,$.ZXUO'EF#\T RMHR!/L#E!$/S1!%,|P0O@O(WGX!Q$WD8=N_6_?V2 M10LS_#!Y\.DT3)=U1TE6$\\.7#MFBVJ"/OAQ++9+1T,?^K+] 8+Y=W*;?B_Z.6:'P:#54WN$(V); M,OYPS"PM/+OSW>L]M=55DW]26UKB]7VOTO16Q^CF>M7^ZWTJWYL^%3_PU>E MV-\?.GH&.[.*B'!"*UD3$YY^ M#W"!Y>X$(L50SVI*NPW;,X=>S#EA=55OES7CM--^E5HU(P\7'";X-'G2MPM(_M4E&PS4.LSN?(E5KDE&DIH#K6$=1\@ZO6F?%D\7B#[0>;I@ 4B=57U$%641>7 M]K&+"T-BG122Y+(:D**Q%6KA*9%>5:3W"B%=5]7&L%.\K0!?1SJXWHY&UN^A M'U=2"CP%04Q/TW:@XJ]V*7+=)'ZA!? *>;8NX7Y$W5[Q(D:?%<7Q,)$/5LY"5< M8(K;E(S4C0GF'A[=O^D%>4SRT U]"%(FYM;!CSZ=5.4>^CRWL^0+8B)ATXVB1D_BA@Q6'"GF4)&ZR"L^"N.DV MAF4ESDEU,U_4 $$\D'JGE9-(T=!=_9.<]Y:Z9QY)NN?8YL_=HEC\M:]=I]A M[!5+8@*2&5Z8"Z3FR2%4=H1G4:B0;&-?>:@+*TAE$C" {PHYYEFZL^X2;>!&6] M#-GWM&Z*XAX#8_8RW]_CF=0LN(L9*/Z5Z)!)DH_4^),61A6!L\?"* DXFHI- M4VECG!X"]&Q5&TL.%]08$@; MHSP;H]? %UIRT,7B7=WE<;_X/ZLB\=:]>27Y\:/LSXE:YG5YB/DJ2>D9C*"N(M5Q$U>;QPN5%#BN=Q@I2:[_Q5$(H&0*T%J*T)@H+2[J.I-DY\&=1#L35*U$/ M$_J.Z!HIYL:)9BA-"19",A=:L%95Q2P9 83C>;<)_PZVU4 B<9']=4VZJV= M*?#5=$(R-P6O+S3Q+=Y4 >:?>, ^CU4GP+5@/A7Y@!R$B#Y W3#V$/^,J9H@0 M=,TW)4!XE$Z<\KW._C\LB3^+/E.'J;\&:%+=P(!%((FM])}B0I9&+[4PO!8 ME_R[R$:HN#MEKKK=*:ETNYZW^S7#).V2O<9PL!O4SUY\6^I3/*(D)7$N-TKZ M),5RUJ0\.4SJE&Z\N>O9[C-6;+RMBESU\- =5SA>K]U+ZA?P-X]I4*LQ MB$U2Z;LK[+O;Y9.[:/67AYIBY\S(C5K'T,S\1 ;2L!+*B:M&*J)L1>VA$"!*M M_7;=?5)!/84()GX^T\2S"GQE =Z(%7%&?'/63ETHJ864(69'\6+?16O]2%8Z MB2=(4+F(;2^U5QYQDS58(#%G#O0*J9;R(T,SH*;,>*I2:J/'I/^21L0/L!:FM)C-&;D4QYL+%[FI MB9I16+#28B:QJI'$(SW:V8.UDB&5TQ.<"2B,E5*.'DNU- #?M[U;GBMT V9.0 MIN9(??3P$%2\H./-]4P"/#EQNMNT5JJ=8H,C13QF!(=!XDU%HI)2NRP4C,>+ M7D(L25R%X+(@A^56.;[3$>SW^AI9T9$;JCV+#); <"F1DN>E(ZN/1IGLBGN2$S M_,+ I2)Y#/O['4M\[*HR#%)VF;TR(35-3AR<^=#3QNCA('VX3%54[_!TPB:Y M\],XHQX61=318FW-^6.: M:#$OE030:.N,N/060P40UVT,V^U='Q*"B*M69=#,H L>]@946G;TF?+%KR1QZQE'5^S"+"#*C."@SPLY"S_ M.U:ZKWT_Q%(=WDY_>.[3(T3S/95:#!+L5G? -;%GA1WR\I 5U,N!EZJ$Y'"YJ MV*_!Q=1^A5;SWQ!Y23CJDZ;D?5W3OW"")0;5"5AU?UF$R)R!Y:&B!7B+6DTN MJ^/)K5)NE75S,Z8V]EER2? H.21!#JT42PJ0CFD>$1+;PR8R0MMH8&KTB(5^^ MG,W\;WF$$(H=ZRRTMX2LN2-WN;(4?+;9XF5:A"L)1AAFJ>/3?F1)8DQCF/<< MK[DH-B!3B)1I WZ$D,S&7UOGP_A;@Z@VQM\=@G,[G)/CS;9%+#X(D/.V61#= MFTHK4.Z/9>KX%=T?MVM;[]TEC6*[9"%5/_\NR=08% L9)27^;!"SJ9W.,!*M;)^]MD-4? O2M&$KQ"9M@^)L8#M!L=[M@U"A E/Q%H>G;HKK23Y26)"_S9:T:MXS:TD5N@UAKPT-!9"TQ0&++#EB\IG! M0LZ@%\ {@$#0$P23Z8).L5]>*G2Z!I_BDB>#, '(8J#WBN,TRRC-[Z$# F@]>GC]_VD',[)/XF7!MB'M MO?LM0^_=CM88%JIC+KVN/ (HHZ@O T ZUA68'0;;(>P- }S2F[UX.O#4WH= W-,H0*CN>@D0*9(?0&7 M]0S;]M$;D=; ".(;X'G^G;G #<8N=85 MOKH@MR3M=!W2M)!9]S:9:LO6G#T,,R0XWMUM,G]RS- 0HLW8S0A[,H.)CFM!N MX.O6X9/0QP_ZOMPER]TE,=HOF>^2DJ+E4;2/!]P[YA2M9<;TL7)9L#3T;Z?? M8@DXFDYMQP8!Z8B';[- "8CW"O55/.SW6G16E5Y]]ADLQ"/63$]S90$CT^"[W M ZQ$XA"M8'KZ_"!A1$?6P,9&>O&F.*'+N_)??NQL'I0@.Z05SB&&LF>F9X-. MYD.P7;6BAV!%#*;;JRA&P6!SYEB!0.QTRF!S-G'Q, M3.,S^B=-S'S&A'1CYRO"A$:V&6"03WZ7R43'E.\1J6ZG5S&A{C&=;EW"@>3_MKJ:DN5]1A?R 3? GM"QMW)O&E44HS'/;;@,PY.M$V<")<%CS,+U.32L /WO'C MG8$T;LJ^,2C+_\ED_N+[0"'.NL,3\:S=UCYQ"^Q-'H[X.HD5.Y@5#5F"I6H MS"KPV0.PVQ@:W>H<)N!:YH^S2WD0*!/X9+LNNW5_OV31P@R_3M#Y,&FT M3%=UQV*@J_J+]S*'@3*"R,.?-Z%R[9HM:C#XX<2W+1N@S?P<7J? QL&0:PESC M.$1MN\IXD\>NHNI!GT(7A):-KWSF?EZ?\!SP:QU2:/",.1.(AWHBPP=:,JB.! M.=[O C_?/*C 7PL$NOWA^3A@X<.+Y5^^+# <+VZ6CH@]]V9:_A 7>[7[T>]'/ M,7<,^JU^ES)O!7&'XYYIX5_.M^];O1::K^=^)/:TA*O[WM5K]56DY_8>%.9 M.V^FT:HMH]<]W?Q./J9!K\?9F :MGIKZ)H%QH&FMGIZ/90H-ZFA+M6^"_9;F M?PPJ[C7N$Y[*X"*2-,ADBB;;=?GF%.UNIRFM^7Y6R;[8.P2G$"%H477PXQ8'MQ7U,QBHL0JUJ5* <^UY)6<1E&>*S$?,.70HSJ@U3T\6XAP'%R-&@P"1*'.6 MPDB2UU)9IKA/*0%'NG2>O2,',6;-U\@.(.N;S]#>L7Q_"Q+GG&9CD$9(9;\ MT0MBEHZ,U:TE%3J1,)LJ\ TXM&\L")2_ARY4#/5,T57=.$[N/^/H1;8E.31X MP6EX(MND7 MK"59JUZLU3DZ:Y$#:&>&L5L!4@S6DMJC9-.C3#K? (;=NQD-&)3 L.:9VUE=+ MZ%K#]39XA B=Y-6*\FHN5DTIY%0"AW:IMEIV%G<=DSSE7?*N2A5TS";/2$$" MVS6].:S*(=.LN12TS!U/YS:/:U]4\ RHL)26U)'4$8(ZN;3=E/.+>*>YIAO- M#\]//,S4P]9F?]?6Y D:4D1+(7"JS)Q*4CJ/0-EQ=.64)WV>Y(GX/8>R$9A6 MH5:V\MX4DO-VI-Y"609UHD8T!8>2O0\J31\?;0^--G(7+$V.,?(A\< M!0&R0)R$]<_WHW0&4W'BT1RH=%2G)S:'H.)6E60]P9LVI*!^.?94/-.8@U$?,MZV!SQ,:@:_F$X ZFBG61X3@6>V]0>6.1STM:BKT6#'QIRW?KVB2^R^ZM+H1 M&V&V.C7?'#O]R-M>Z3\E_+7C_:].X@>2$&<]_N?OE7Z]OKF^V[+T_AS-&?I MM_:VLZ2S#*]6+,D*:;%@UIE!('T#94]5%+:0N00*@870N74 MKIY]YE.[QH>FMZ32]^R=^,:-(:P4FA"PDV\42!%/IUH;0, MDC'20%)L& ;[QT#E:/^0A8+E7<+=)4$K[Q+NKGJUR7R BP#.)Q I!7ME1FU/ M+PR\MUE>.'&@LIS&WNKY:IW:.Y2Q/I51]G2CA&9_@R/TW"R!2]+8G\4[*TF6 MERR?G>4/Z%&XR_+'Z_)%+-/I5\RI9/C]PD M7"B]0U5*>:@2I 'MQJKO5<-PIP&"'E&;*.6R I"3(B7&<4 &'Z=H//A M]M&RCA7K85_.M^];O1::K^=^)/: MTA*O[WM5K]56DY_8>-,19.O'HU5;1JJ[NOF=?$R#7H^S,0U:/37?FPJ-Z6B(MVC<_36OU]'PL(]8$^RU-_QA4MSRK:HHX]JJ[' MM:7I3DY/_F>88IE0RFA="+6J4.B"(E]8C?5LBO&TV;Z%72'=*N>2%E_S1"V*6 MCDSGK26M5ZK9WT,7+K/,V@>;_+L6?7V<5FESKXQ#2D^IP)2;%@'- MQI37@(&_8;P[9:N-TX(SZ4O"-YYR#>,5*JXY<04QF0F$]FOUL0 M4K*69*TJL]:QPY6&JC:&^IE6#]9BD)T@V510-LV5;63L5 0Y5K:1H6I1MM&N MFGEHMI'D53@XE!W?.]%Z/^RVU5K%H>5RG5=I M[,RZ6F-X+=MYB;)1R98PDM*R-9.DCJ2.8-0YE3I?B-*G2<,OP3^0HL]3S7&\ MJ3BNU7NLZ]J.'\'KG8?(=T9!@.Q)2]A/WIW $$W2+(.HUAMZQR6(?A,B9._M'7%9$

*M36L,N^T":@V'X)#YNW41 Y+298J4E!AZ5HFB\R%1ZI*K?0\7(3)GP(<*<"T% MP+!,W2XM=;O3;PQ_D:G;HNQ<,NPF'J7S*<-9BJ*N M!:4UMRQ#A=;G#0_2L?P GA$D[FL&%YT\(R+#,8\T'F2P%/_^'#.G_MJ#(#S7$25BLI9SC<463<2%):4IH3J[?@/D!:?:J[QY:$$(D> M78:N3RT\1=9DKV26F.W;B5I$Z9QLC(^CWT_^+4|Q^]D;7LAG4';.O:'4?M ML&AJ I5^XPWA=P__#&W?#N_#1,^V":/MZAZ:WI-+W|)WY^KBG:MPD6<)-BD* M9$1'4EI2FNGQ5Q;[1X^C_:,&O>3&FY$^V_=#:%ULFT&8>US_,&-(6$\ ASX? M&2^J"Z4YHX[H9F/FF-<4UFWXXRCV]FW]]M9TD9%#@OM'F^5D1K)X=)_+RDM M*>'$@5&KL5]VR"MS9;C6V_*H;>T#VCWO MJ&.ZVAAV=M6QP]S)9=!'%(?@!Z$8R>"2P4MA\ ..3N\RN-88MM7"+3"YY'#)ME9(K3\^5.RVFR^Y;J^N-H7%F%&\%+YE6,JUD6LJTQM&9UF@,],-VQY!,6Z8N M+@6 %"E!#G:.W5=/HIR%!,%Y)#B66_0+UZL04H!*06D%"A-#P MM7W64477 JC/_ISV:ED6PM@H6#D'Z,EVZ7>[JV*5PZ\3=+XJW+'SS,:W38AI M@LI&BZ:FP44G<'F<0068)($3N&]XB137"_#; 2)E7A0;C^P) 4=9 $0+O03X M=HPANK0@@)8RM5W@FC:^Q0_P!9K[V]H[Z_C3;9TV1?BR\'R:W'N:H ,"^QE^_M>;&M8+9$\L:#,<75]2-@@@<1!OL?X66%>^*J&S\249+."6]$HRA-98/S=!R M!@OP!)L3!,$?33#%$[P S@MX\PE@-]&)H?ENW=\OV7[$; <)_QNVU7&FSP6 MR5[E4^B"T++QE<_8$E-"]4J M8(XE?>"O)D7%[)KQJ4PWR9L6/KQ8_N7+4BVR7?IU^M"76!+'TH)_9U(I^L3 M_;SF@I8: <4{JU>QV_XD]K2$]_O>U6O9:CM7&_:?]WH M#BH\IGZ/mx6+6IV^D?:F(ZC^IYJ?IK4ZO528"SS!?DO5/P95K0*,4B:,,P>% MY5& 9 ,CR8K?LBD^- AR^[.RO;*:\L^ENM_NBBAP]HI5A_EF[P%5FF:(C;'*- M/EJC]>%-NDYF='93KE127=0 X(L1ST& 7#QR/\-"E2G%:[?H(],,YZ%#K".Z M[A[INQLA=;/Y+KWB>+ZDQY'I\>@%L:2(;-6M]:Y+A>2-K-=+:-*DUT@),32: M^:HG5])-6X9:NNOSS;TR#OEVEBIQJ2ENW3)R6'_1@- $!.,DZDG56K)/2@2T;_MZ_0:P[:V6T=1\H[DG2KS3DI+U!("P7V2PSEH%TZ\EJS%%K02OYF%5 M[8"#OCDY5"/:.C>AL0IO6VJM@M/R+FX3 ZI0M> (&!HKMFMX<[@T75;(<&5* M/4OJ2.I(ZDCJ'%;:/$6KQ+O#-=TUWV,=T.SL%(_?$=*G6-]Y4^M:J.=:,3;Z>/X/7.0^2# MHR!]B2DQXT?O3N H!LD:>_MQG!7=S]V57^)35ZQN6,=G@Z:'2Z@68. TACX M,P4,&+8%7/]JD[B&COHAU=:JO,[_7-]_<;U>IS-/WFWX@>- (9J2]L]7UV*"2ULPA:']7DRG4Y21U)'4N>D MVFY*V5@6!@HU7_"3,R;&A19)GP7EK">Z??&/XB$]Y%V;ED#(C# MW::STZXPH>;'6KA9(}>ZI[+- N@P17I<[/$3/^@=P0IBT"Y$.P^Q=N!(RI4(F M2RW=PR%C-(9:0CE#"1K>0,/A+B #@)+2DM*<6*H%]P'2W+A3Q(*5^?19J4XI MU9P0(M$CVM#UJ56FR'I-TB\OJ2.I4W)%H!0##8F3]'OH![7C\Z(VL9<.L.V!; MU^XXZIA%P_948HTW!-8]_#.T?3N #Q JVR:,MIA[-'I/+GW+WMVF@PU57FJ" M2+")PIDY$126E*:CPI0+/:/+D?[QZEC;NQ2!..(FNW[(0NMDT7S'VN?Y@! M(ZSUSJ&? 1OI6#E.1LX1EKBGN=YPI5+1]>R_:DH16+RDZ(]'#)7H*AF@^:KI1 M&$?]QK#+0>4+B2'Q](@?IQY>4EI3FK3A2.=O" &\+7?;;@CS)^_BX0 ?^P'* MNZIQEP2:O$L"3=Y5G;MJD&3S#3C -:$" N4!+@(XGT"D&.J9HJNZD3=$$#<^ MG'A!X,TO#*P56UXX<6#4_+"633O+7!FN+;X\!I^>4N(IJ:7GCB'741O#SFX_MP<."6V70AU%2A61*R92E,&66X$XJ4VJ- 85O;K8\DN5)RI>3*0[@RR[&F0MVO M.^0TW%DOX5BV9%K)M))1#V':[M&9EIQ'/&OWJZG_,DMFE) "H!20HZKIAF M,5% CJ2=]0L=2I- 20$H!*07*5@.TG89DI?,^.2!TUN^);G!31_LY;66UK%FS M40=VXSTFQ N,8M(/OT[0^:K,SLYC;)<.MUM^\5A-3\.+'J4\;=*!SG!% MA6@Y\4@@.*CRF?H^W M,0U:G;Z1]J8RM^T3ST_36IU>/I@7&M31EFK?!/LM5?\85+4*I*=,_FD+Z[0Z M?"MHR;M\^NR^[&RI[V<5,23'GE4O<5:K'@QT?Z>GJ7),,:6EG% K$1THJ_TR MK$]+TJ4PH\.2-5V,>Q@_?#%B#@B0BT?N9UB+,F5K%==U9)KA/'1_$"^M1UKQ M1GC;[,=+KSB>GV7),R[3,2@CQ) (_>D',TI'YN[6D)SHOO)H_JQJ]&QE8E]"D M"5C1MFYH[[*PMFJYIBW#7F.]XIZHW-.OC+NICU"TCJRHO$1B=]Y0\ M)'GH'0]EJ1Z8RD,]D@15.)]",I%D(F[FG8N)^D>/>_1)W*/;+QSWD#PF>8R; M>>?BL<'1>6Q \@IZNL#[&+/#_0>O19V952!.S94+U- WIQG:T7"#*9(+9)10 MH)]HFZ6XAGEQ=+DWBKWUIAAC[ZU=LSIF3/5V.TGPN'66H-#L#+=X9IN#C\\WT_:S?7&L-_6."FS MS%DN?;5A5ADA4"92*DGI7'G_!>6)P9,\J4NKY%N2[J-LI?K$-H'LC5Q:;V1B M^%[+WLBB;%2R K:DCJ2.I(ZD#D?&5FTIG/ MX/7.0^0[HR!]B2DIS ?O3N H!LD:>WMQM H*Q^%)ZEQ*M.P%KA,,0V/ ,L. M1["L02AI#/R9@@T+VX*NY1-B.Y@TUD6&TR)%/3?R>;;/L_>Q\O,\F[5@X*MZ M=^ZJ2>XGHH*-]%F=G&V.'>#[D90?*?^E_/6C3>H.(MH^94>)VBK3>WWS_?UV MM?H<38FX7$]JY?LN8^&WVI;4];,4;0SU5E_3=X^:* N(%)\\+QTU JN-DCJ2 M.I(ZDCH'YLRF%*->[S5;6U"2 =3#.PW[=E_24R0%@?2],!8J*6TG<@B5/A=" MY=3^%.[LG;CA^H'VC99BWD1OSV_;#!I#M:7O]I@LQ;(1- H.F,KE2DCJ2.I(Z MDCH'%B$I(:#53K.Q^R1H(#URTD\MTL=8YAN+A[3*R &9;URF3"E)I&B=&OA9HUL?P EATC:D.X9MJKXU M"9E2(9.E- N7AD#$:0T,=2-!P#QH.=P$9@ZL+I64,COU&D*4EUN'[,G!UPSV M^T -$ITII9H30B1Z:A:Z/K7%%E"1TB/G*2.1 ['!V?2#(B1]7OH!\1YYC]Z M(VO9+^8.V-:U.XX:QM# /958XPV!=0__#&W?#N #1,^V":,MYAZ:WI-+W|)W MM^DTAIU=2U6"C4NP<2@*9)"L+I2603+F&TB*X<%B_ ^ARM'^<.N;&+EDPBJC9 MOA]"ZV+;=,'YWG"E4M'U[+]J2A%:O,2Q< MFDRBAT//W*Z%]5&9^L(XZI,>2>P]=1)#XNT/,F)3%TK+B W[?6"'<#KJMC# MVT()W4N.; ZQ[V8O[ZK&71)H\BX>@%:%D/1&)^T'N AH*VW%4&D7[79>AUK< M4R=J#WYAX#W$\L*) U=]=>K:%ZK\]>%:5\JC*K5W.KT=T#VXKY;1@;MT*C$* MAD@VE6Q:.IMF24)+95/2PTTMW,%- \JGD4\FG>_@TI8AS\4:,?9WT$3?ZNX<> M)1M+-I9L7 X;IY1=*H&-C<90/VMW=C._J\/&S)+%I$B0(J'TH$)[I[[CT7JB M]]ND)W1OT"]>V(!'N< LM5#*!2D7RE85^D?7%#JD\WI'K8:F0'WZY{0%R+*8 MQ$:)QCE 3[:['%MW5:-Q^'6"SE?U+_8]1D:,GUF,,2KTV&WU.AO7Z/"6%S>& M;4),5!1=L5T+_^NBJ1FM3OEE(C4U#8,ZP>#C#"K)+F>P'W#(U=<+\!O!XA4 M7E%L/-HG!!QE 1"MO1+@VS$P*;% "UE:KO -6U\BQ_@"S1-N+5W!>- /M_5X MM3R?Y&@%?(.B P'Z&7UYL*Y@MV6/CP9A4ZOH1,,&#"(/]C^RL.J,5[K^K:,+ Q^M)QDM8;_TXBP&WJKCAV9H.8,%>(+-"8+@CR:8X@E>` .<%O/D$_YNHQ9!]M^[O MEVP_^E?C//;.]1+7[A?O90X#9021AS]O0N7:-5NT)) ?3GS;L@&RH;\#-S:# MO:& <$WB42<:;3/}QJ20/*R91/H4N""T;__Z9DPE\^JWUT,)BVG$ \C'O*_@; M#N8U_TR!KR8D0GH6"0:+%&QMQO^:8^D?^+N3R KM7N- C67N$&KH9%V344N(] M^B:8NPE V]OP-^#;_NUTA 4J7A.2Z8,Q8+Y%?S[B![\YM,+8L""TIWBS=(-WP\,< ME#"T;L+0NKM#HQ\C.\/FYY8J1#S@X>Z_- Z&"?XN_%)TU6"T._MK^7[OTUX\V M]2_;^S7#*#99LH_^7O6]O0J(]JX@>/\YZ=];VNOOL MW/\V:*G48HQ ZC;?3[]S:P""0D0(! J0<7=.Z>->%1E_3(K,RL? GK4J(2 MD-DRSX(;XG)/>H.!BE4#A;^_9UA[[,?SAA22ON1LOO/B6 MJ@!;$3608!Y^$;%F.3-[,P>Q8-N2N4L=ZE.UP?(1=9+KV*\X503=3E@>O_/A M!?[&9J1U06I1%,';=XI+I%+T*9%GV*9L8;LO/IWS]G&/K%T/9PUR,2A("R0A MZ%/;X0.ZX/$Y,"$J.Y$^%7TA6)H!3 [F2$#>KLF,ZE?A:L+[+'C;*S$]-BYE MJ*CTGS<$1OT8!GCX2P+8@2&9THN)3=8\^!"\Q7-74KB4J2J;]+A!!1TPA>.- MKR'8MS/;]3K&"91P"_]>7[AR0&[;TG3T.]T2O_;\M99&&0- XY#.X#K!.&QC"+ M1Y7[C,IO8NRT?3X::E]Z65]S940S_RC1<(X#Z3U8+2:,/=PY<1IKCSQ;[L9' M@-! T?15>@%N0';!%E8@S.$VX @ 9IZD>:!O(2\L:9!IOCFK5S.5LPY%9Z? M&78<^$%:P=U+/URI;113N%1A*%,_OOQ;])OKM>?^'!+LW($#?3*L;,&1X82+Y M8QRWO5D)7P'K0LF5KY;_H]OQ,,+(*'DK95]H^SVU4EO.DHV2/@;[Z9H=0'RWZ[ONX*.(U"&L@&2CO*%AT(3OER-0I-Z*63TIGHRT/EO ^G.\F8>6#H17:@ZX&03 M!40M[":P:42*#-7.@7W<9^))K$ +?<4,I(E/*",'C7 70.'@F)[GODB/[OR5 M[@Q@-9'P7^% !M(?D:B68.M,'T7L,7A)_*7L6_U0=* D)!*Z%_%;"9>:[-A(:/\7VX_SF$GQ;Q >1A&67]S;X[3X# M;W;($]V74 ;!@S"G; K$5L"C CU%*2@[JP%*6K@*P@N6G_'E)S+'S4&Z M>[.8+G 83#NWF<2%3\?WFG1B2TV,!!TD=@6W63I/K,5 MZW\=+ 5\?4,F*/H'H+IMQP6K*=GF(XP$V DW*]?[@1FW:[3BI=TGE[!M)U:" MS",M81#=%Y\DR S;AR>1J:$3.PA\_%=-G*Q/0=XE'7($YEJV\RI2*P5E0- M@[6F+'?%YM@@V9>Q'R/&\N>^]B;N9X%<(4W{BG65"&#MVX6\%5XPF/Z#RBL M?R)_((Q!'CTA2N'UL&>S73"P$.E,<*'R,S,WH%LA-X4?WJ]'+FRKBP5P;B@; M+: EV^1 T6',$7V![JB4/F##_J1Z0KCG^N0IQT?%Z5;XP.0X2 ;&+*'R6,BD MB&^*3&=" "!H*911*XGP[!^HUROS!]D2[_ "E4S@EH\H@TGVG-H(]L5FNJ M6D>FPO8."H.MM 6]+G:1\;.I\ $[A@8F,SD(&]V*IH I.W[M[Y^[Q2+NA0IH! M)-S[F"B+U/N=3(W,'/:+Q%R-<'T?+DBBY,[!N")BI$6H^(>/Q3^"CZ_,F>?" MYN*X*V:DQS[;A^^N@(3 1;"FP-=;_ ^D_]H1')E_98*0157@$2@8H^+&IZQI MH[T$S EV/'R?^?@1#^:S:=GH[T99$C!>!KF+>CV3<&#F^!;^3@4<,MCNW534 MQKD+? T8VIM89XS^ZS'#'+'@("IHY20I%7$H=1VZ M@RU$4+,@8R$#1EK?>_ MOTC;"7=K\]&B0A;6X,EUYSA>)#]L+D]T3E1BN>B,9QJ?[Q-$*7L#R.=_QEXP M#UM828'Y,[R3/N]BB_$=QNFUD$04.8WUVXO=$%F;24V4H24^5H51UHAT9XG&? MGB&G#$<^XW!.H- @P98C#Y!"_$]33@4_OYBXUY9$##MA=90J.T^Z3T]PV(QA6 MOOOO!'<@7=+L7^6COPXSG(67Y)MC_0-"@A<\B;R<<;Y+)@+K6PFU_.U>$(,& M; O.W/1@#_C-A?_9FB2?[NY_VQHDH>?C*801;@'$6;(_<4/S8+!H&3DS)L?W MG"Q/\%K\DKJ9@YZ.^Q@=![4:GCQSY4MO[@G9EK#)(-AI/1H*$:RA? A%5QU*\ M802Z,O#,2_KOLW6-*(C$MY'.&2ETCV0&XE,B5%U!5RM:@ L+G0W4WX=W ,Y M5*/"H].MZT^21_T0S#OM+O+?1WH,:LU49W1]LO?: {4%99'"">)PY:UP'1]MK MV_##"S) 3'7K[]PV%0:LYEHTO H[M#%:CNT%#AOKV@]V!!1HR#G-'10!$?X,IM:^T19C(+<:.^G,,,Q@G5*O&N_92, FH1$(,P(I MR-Z$]ERV11,Y0')MEJOS"@ *M]1"(7 W0M8=K#^^"-ZQ-BYY]_+GQ+']N49=5_7#3!$8*2]J"&-G7KFPS M=!+[NS""R)>VDS4[*QJD4X >P-B3[B/>BBV3KC:8:#6)W4NAJ@BGH1TWT*' MH^R,.J+L-/7"47;<2))T1\_[LHZ>>\;H]/@=V.7#5JBD>"74%*^$FO1*A.^4 M/N^TH-, <"O3=*5]4+NHJ2(=W&!0$4LB4GFSW$>2'34Q0H5&_L_%&]K@$=YFV M'QXD$B\ZS=F=R\"5@;0+&*(:)\A:!]YF*AKZTVMB!=;,]1(J.H _""'3'FOT@ M-FPE%ECVUF:%AY4;8 +Z%X;1X!B#/HLB0M_]B^O91M/WZ@RO05W$%VL3JAFSYZ+MIZ\#@]I8(*/'S+FIV'$X_=N+A14B5_%^_&WSP\?[A*+]2P6+ED? $G&4]*;CZ.'FQGN:PNT%N@62'Q8 M]J&]>$]H]/[K[CYS!/.]P1A_NA7'7Y%X MPP"POGT=(]R:&:R% ?'8<";:P^T*-;R"S? PN[I:]$[GT6\/ . M)FL#*SSUH[B&,WNP!C!NEOU2=Y)WV'+=CT *H,2L_$=M=[:LH[^LLWL,&FU[PHT;XI@@W3+7 M+B(PBD]$$F4&P(3$.%H(\/.73PGO/1467Q??MRIPN*3^7I8.S&F&F3H@*N=@ MIV^#8X:[/5+K31?NQDM$Q\3$;XJ>+9E^R'#^+2_+DZYA?&0!,- _"7>?:3*V# MX8>[)S6CGPD[V<33;=Q@]L2(:<'6 !8UDV@@OU8T@ L=AACZ0>4ZVU$PA!0% MUC8<@^WT_N%^^ 1+#E+I$8=CHD=!9H:.GLPQ>F[;!L]J&8>2$8Q O2.)1Q M82)0O@E!61!] @H3:MG=TTW\ZF"4F,!ND79:TV){$U-5:,3&$=LF.:$ZI6A-[M&YCL+.3A$;,- ();08EA"S:'2$\GQ]+H+;N(<]1]#E9\&63-^34F-XASYJ9/8H3^R-F#5GMPP1 .3 ME'8@H;)QRR,Q:V)/"C)IZ4M1_BB-RZ>ICJ&S*OSB[H/PWB0%? 8CDOW6Q)YAN;?%T<^NMB/K;?7L,?4SQW MH[3@I@R?6UJTEGJCQJ=UB=#:T! $.1S+%TM/)TN:5S0M)\7&"F^+P$WK'!J4,AL-Q M38.;J.5HGC4H8V!H([&!*LWRH%43OGN@L5^CA3S#FMV'/ ?8[WF=9GA,3?) M85 ^VEL,AV]#O&"&.VWX=(T:ZHM\Q(CR@=YZ]AZ':MD> (J^YI690"2\NCV7D> M1G<+-_^>Q,?EZD&* MY{OR?$W;(ZU:..$[4 .2.@^A.>8,G>Z^2C]Q4I:==6JK6M<;RNZ'=6CN23YZ[>NUC$8Q;\807+]QL? YD>\CS_#$^P[WR?P?_,' M\V=*;5%#[TT-K7+GGDE=@#,,EJ6?'%@S15H88YS2]JHDAQKVI:B3+ F&X 8T M@B%"ALAI'5430TQZ4Z5ZEPK!$((ASLX0.;V7:F((QA"J$R"(.Z (7*Z&)W$ M$*6:%\ ]FCA6U8;T6+6R*BO8BR^@"?;*9.\F#FFU8:V'M(*] M. &:8*] <]KK\D:_,CGPUF7ONZT(2QC?/75A!V(;'KY:.$5L)=8U=23>81;^W M%)?*%!!#Z_#0VNCJ7FE*A2*I)V.A-PE^/Y_A"#R9TS MOXN!)$V1PD AC9/ .1%H*G!_LDNZ).X5,"\$"H[/?^X5_$5E\2]RJK5"=P+ MW'..^QPG;DG<:.P+W O=7@?L<[VD)W&,P6UU'@)SX0J_%?,_HW"&28TK;MLN7 M5=1- *B(FHV4:XG6P:(=C3@(X10!P$S9@*7R,41.H;/H)?/"(CPQ;J10^)B _ M*H=\"GCP"(\,DZ(4/ Q0J"H[3 4\>(1'AN9=!A[*L#<=R97#$CA,'[D"A3NK M'U_8A>]DQ;NH/7W=T,]IXA1%LU^FAZ^CX)/J_6IN4A;[QG5$YC"AE4+DYL MT#HKM@K0?TP-<^N+^[SM/O MUC- A?)'*!SH8OY438H1OA$/@Y"GZ%8$S!N (W+01-SF*?D7<3 1N6HJ;'$6_ M(FX,4/2%$[^5P,G1]*L!1QWVIF.#$^"$JG[TG9!DK$UUG>:C>%X\7_;Y=J6] M5N@QJ(K>9.)YWGJ3<<)6M;?TXU4:BN=;L1M=BU/T])9^16V$*\X>2)MBB\R? M1MH+J#*:02T*DA0,T5J&.$>_A"1#*)A&+QA", 3_#-% (BP=5[4T5I459.((A M6LL0Y^A9D60(#1ABT]+#*L$0K66(<[39*%??41UA?4=]Q(M&U;%$BKI:^G4D MN+"17A2J7D.L@PA.Y1 _QCF:+11NFJ6.:VN:)=#%([K.T6N@.+HF EVM1MF MDV%=O8DOW].E@O].L%>GV*N18U*MUF-2P5Z< $VP5RY[-7+HJM5ZZ"K8BQ.@ M"?;*9:]&CG"U6H]P!7MQ C3!7KGL=?D#88T=".\FV9=2-&HI>%?LO5B;?WA M:LHC$%K\-!$P5\.[NI8XLXY&OZ)<+QKU[YR-_E&H)HV!ZA+BWJ"BP5@7N> MYE:G2[HD[L=U-/P3N!>XO[2ON"3N)P+W O=7@?L<)VY)W!MU-/P3N!>XO[1W MM1SN1\/>5.&15$*'AI(C\KZE(`'C_# (4+Q+P0-;_M?U3O)LMA]L@5Z-OGZ/=7U)R^6KL>/8T:@JD02094N M2Z-Q#=VY!&YXQ$UN='PEW$P$;EJ*F]RP[[/L8O4EG0M4\8BJW&CG*M)(`_:F MO!S'=LP]7UNOP(Z8QSDV0K5..KHLW&YM!4Z.&5 1.$IO*@Y[6HF,'#.@(F[4 MWE2<_K42- SEF0$7<:.$+>M!0W.8I^1=R,>M,19UW!H^^$Y#NCR4AMB!\;\;J6!+RUT?OERB> M=H]T76@L^P4E_0IN6_I9;66U*FUE,XM?#*ODZ- >D'^17YN!N9&)PM0ZN"Q54 M1)-,\7S-SWUNQMPY&NZ4]T>FZ[VITA_75H^,@Q 0P2]MY1=XXO(, M@]&;??DL.B *AKD"ACE'TZ0D3TRPC;HH4B XX@HXXAR-GI(<8?2F$[E%T=J" M(]K+$>=H3E5.J1ICYZK^2*T@3 &HE@,,[1AJ:X?-*$?&HWO,[1AB4)(^RT4OE8 M@\.")J(=;GM]#)UKR20/+W\&.@[/0.OR/HB..)P 4,!?+OO)ES]1'==\HBK8 MCQ,@"O;+9[]&SF?']'Q6]-,5_-4Y_FKDM'=F$ZTRYD4T,8\ R;($2P%D*

MW)LJ1N4) $0+@&283&5 @CVWI(%0-H)D S+HA1 #) @2N40$ $0+@&2H8$? M 4BY& 9CB"&PVIB7_@P=.UP3_7?/F+YQCM:%ABQ:% [8:5OEI"55Z%QIXW", MTTK@Y ;45P."OMTBRK_">24"16OA!Q--&]N*W!R8Z K 8?ZZSE!3L?<]:+1 M;KW&0+5&=(8.G*#Q4M%!N%@:5? @K0@=3C$6QHG8B)T?CKX@<=/R+,GSM1$Z. MQE\1.49OJHH3HW8B)T?EKX2%:.AVIOJ MJM@C!$=<`4>(E*J. M)6;4U9BP*Y&(Y^BED>0)C,- J46S9ULZ$R1KA5/.65VRJG4%8!^^=8R%3QY@OVZQ7Z-G)G*M9Z9"O[B!&F"O_+Y MJY$36)F>P-.5!B/XBQ.D"?[*YZ]&SG/E6L]S!7]Q@C3!7_G\=? G389F=#BO\ MLU\7IJ2CP00^OPT$3K00[NZEBFSSE:#XK@O*M7OW*\XZ6Z MDHQDO3'"D8'>1OJR+!B-<-1Y\,_/(W K\MY5:$%YO,>XW%15U M'V8 ?]7:B6>DZ&EH6^OT&73&GZ%E[DBI+W==P(1+6.7&0U>11^J0'WG4,==+];5T(NV(TYT2F56O. MH\JJ4ZT- N)G!Q;H")R%/34">2T$CDYQD!%Y*C8$$P@IY7(R;$&*B('3P=$ MP_IV(B='X.^('#P9&/&R75&5_Y? ?+0)_._<>I[2@2%%+&==#(XZFT5"_;%9 M_=GT5[@M&EA(94UAZO[.]2DA;CUBP\//Y-V+-0^6T2K$'F1#N!WN'C$??=?> M!-F/Q&8U(UC MGDP*3@F[" 9KA(C6.R_RVT_Q[7Y1&X>/6+^N#$7,- A;TWXQ M7WTD>FQ.*\NY.:#AX?39)*>_/GJX7LD/'RQ7B#/54&]4!FWX!? 81%>U+3N$ M"WJ(_Z2!"S?,+)O%HWU=? %T3#_YTGEABZ.^N[V,R<,@6_H/[WG5HBJT9D/D# MO/@WVYW]V#$ | (!MECCDGH;LK_(*S"4@28A/'2@1W@%T_A8<\Q+K/G#DD@+ MU];=SQ0HOPB>2%=X"NL^%E&+)@4N-)G9^:NB/1(%]Y')O]*$!_$G\@?; 6 M"^(19P8O>B3!"R&.%,#W E91+7PI'F+-8H1E/_N22=\GO7>]M0O+0@811M@@ MM^Q&[* ?/!T,&69##T+X MY?#G ?ST2_*Z9@R&FI[ZTW @IU[/>I4\'(R,4:E795^?**H85-.#TH? I/T6O MRO%/'=5KC,1M*8H+VU8NI+FD=RFE[>"DOS:F!R-C?4H+Y-^WDA2)AJU[A.@B M./8:UG85%ME$J *)F!V553QDF*P? PCFIE*&B%:G>463&G:):D4;0G22,@%-U M.#74;/VB#IBC!E)MY9P.P=#2M+CB\V^/5VZ244$>(W9S8[G5<6\ZDNN*%RLC MBWA,'!7U_+I4S\\X$NJ>SSB3WE0;\E^&[Y)&6O8VE8U=A+&]:4?]4$>S4?=PGSN'"]A/7IQ0];'JM0*D/W#,6W;G=\0(=."N-DYP8B7_(FECXOGF MG^^2%9%5WR$L[R"]"01N)KN'7@Z!RRH Z/&=+NK*;W MILF,0*%!7CMHY+."9IR:TR50<^VH4X0B%L*-@G^?+8:*@1ZT57=[L>80)I6>VTLS$VI>?/ M-Y>78?*BXI\E*&,N=QJ3J[VI5ENA%"Y"U8Z8W8*-!!L=LE'1G?(X&VF]J3JL MJZ2\8".NT"38J(C*>0(;E0O\'+'"^Y.Z.K\(+N,*;(++"G!93N6S@IN5CH;= M56Q6K8_=P2628-'GY#&0/#(G]_7)@=$=<6XD!)Z,V(;_FY;C(WV)_]7Y^!/9 M8F/Y2SPM^KKX /1.8XUQ;UHE2EJXPS@4FCD:?@& <%"X9/Y[(DO'7!J5RGM5S M"A]#")_V(2:ALM6(&'W(17^EACSTE]/2/F.I&>('43Q#7W)(T+$ U+/H:!%A MF;T2'D9]<1TW,F2^D%324"&,$+"=?S?*'+9? 0^(VX__!!$2EJ.Z;U^#LC*!QG&$'_5? M&%/<,,?+O:EAU)PI(SB^8[T*;J9.>W@}]{Y85Y7>M/QL*XFT#4M]LD>B603 MX'C+WT(-8[%L]V&SV/? FV@I,,J8L^5BS6!S" SGL&#M6V]Q\ !>G+W(44)RJ\PE]*GV @_K8W M+%ODG>:NMC)7;HJLB M9^E8.? _L7=*OEJ^ZSEIMYJZ\SF85N6O>3WK0DRL^S(11,L6C]:N[75G@S3 MNN2(U;[8:N=$.U=<;3DU"_.LRUUG R19Y5PM3XOM.5$13 \;$_Z!RJ1IC[0X M[\Z ;4 J)SK4N'!\.Q8$NPIVK9;(5)%=55#;.SZ@$NPJV+6[[)J3A521737T MS M^%?PJ^+693***_(JEKO2:#ZD;Y]<"-4'X[QE+LZ+Y/GLY)>':: H[&UB[M/B7@K4=LN/F9{#(]_K:?T1/.=+A{Q'R$>6V"[$<2(7H7ROJ1E?T4F_A_E][- M2_)$;AX]8OZX,1P52OB$\^6+[Y].21IS#=ZSMY)O#*C$2NB5X@D8N_ MM*WX,1+PH23CHT&-3E1Y?I97YI^O!?[T?!#B0>"_;!M(':[$@'G%F\,PC"5X(M88E.^YE?IH.[8BQ;B_[L2R:MER-MSZVV[5O-IF$9QF \')?-PE)' UD>UY/& M S^,CZ?Q%+|^4FO*+1*#NOI!'?]X/:D>UQ5(_M%YPHRH;YX[W\R"A">Z*V3X M9/H!<5#ZW]_ZF!#>54(P/, 6-1?N8;>>I9Y/=(48GUSO"0CQQY(0N[- $H%D7 M5-D,[:-+Y)TT$414.'=6VLL6E(IF,%4*Z\!+;3JIYFB5P?$[,JX'Q^_(4@?7 M^OX]=\1SX;LS(MV W;4"^W=F@;BK4(F_;: [$M"FVQR4HJSE.P="Y$=46PG?^ M807+]QL?)DB\CS]G]@8)@WY!^+_Y@_DSS3DX[DU';EUE0*^@R)?@")[F5HXC ME-Y4CE91'"$X(BSJ_#L_!![+_C-2Q]K+E6," M1!$F4%")}JBMJCH/H-P&A&(1RDEAK@I#:FVIUY6P+!/&%H)S$V)H0I/6FHV37 M2X&@-B H)Z7JS);/J#;+1\"+2WCEI #5)*"PZ@\W6E+K#QEW!XQ2@P?O6;M> M0&-G3{7BOH#KIT3SG$P5U0CEOH8A+PBL&KD5,N8]*;ZBTZY!((BB'H'*=" MQ064(014J^$U.L<1RR&,].&P9<0*CUYPZ?G3FL MCX?&!.:1?0V6Q!/G#D>8H(ES!WVH@!Q5ZBJ&(YPR?$&HB7,'?:B"'.7%)R,0 M5"^"FCAWT(=:,RJ+DZMV(NB2YP[Z4)P[M!Q>39P[Z$,|=QC752.%DW,'A@:# M\V+HK'D6@$TO-OCW30FXA_UX?CWM2HS17%19>?"N&^ M@L^ZQV?C9ER^V*S!J"M.6/ 95W 3?%:$SYKQBQN@[%9O_B/X3/ 91Q,OQ6>- MN-[E6H\P!9]Q!3?!9T7X[!SG$W'?H+-9W70M"M&N4.9-/;G,6Y%@)? %\]YYO*%++I MHEI,Q?)J10_?N)MWZ4X-+=5,Y5$3Y=5T6>E--4WGY%RQAJU<<<$1[.:*)Q!-= M5GM39=BB:#+!$>WEB$:.EV4,CJN>BR4X0G#$V3E"OV1Y-5UN8["?Qx;V&H ML=XB:QU)^],O661-5Y06.IH$O&+P:N2L2U%[4UV4VVTG@BY99$U7- "&@6@VO M9C+NE!&6VVW1T:._4 Q"C9P^*'IOJHYXJ2_5A=.'VNJL=<2N;B;92\'3ATEE M94^X9KB$4".G#PKFO_/BF1${JA=!C9P^*-BI4\B@=B+HHJY7 M\%D'^>P<.EZ2S[">MR;X3/!99_FL&657P]8+=9W_"C[C"FZ"SXKP62-)]FJM MIYB"S[B"F^"S(GQVCG"F<(P>JG FB8X*21_"A- 1U+;U$E= &A& (0:R8_2U-Y4EEM4.EQ M* :A1D*,-:RUS4V?=P&A>B%TT0PIK8W%]06\8O!J)&A4PVK.(UXVN=8?4M9; MG*VHP^#:.>&BQ=FT<0M]4)>,7@U<@RF34 5-'GQR@@(U0NABU9GTPPAH5H- M+Z.1ZFRC(:B"LB@(TTX(7?YD8D1;HP]E7D)!6G\R45OEMMH8W$8C)Q,CI3?5 M-943BULX;>J%4",G$R-Z,B$J/; <30HV<3(RT.EH/"01QB:"+'DR,Q,%$R^'5 MR,'$" \FAKQ(J)H.)L+2;3P;#97KMH4S[VQ=@-+S;X]H,,[M!BW@9!AC^.-8 MKVQ? E5U&3H.)!1MVCPWAB7:LEP$'W(%1\&'A?BPD98H(P/KF-;E M51>,QA7>!*,58K1&//=ZK0>D@M&XPIM@M$*,=H[SC7*:I2[WIJ/^2*TKE(K[MRF\U500Z4WTP,3HQNCI'UZ(0\),KOZDG57XK$@DEGN_>\ZV/"6]G++Y?.K=!U#GU2MKLY$G,1, M7H?? H5+EMY2)MS!P6&GHE'8,5L=0X23)4*2QU@NA1O*K= Q>4T4F=#LAU$A^-ME6X("+470A=-L!]WL2BV@%<,7HTD6(WEWG2L\]*IIO6'E/56? NM&JJ$RO&CE MM[*20A^4@%<,7HT<@XQB4H-5$.(20A>M_#;6A(1J-;SD1BJ;HP]E7-)6G\R45OEMMH8W$8C)Q,CI3?5 M-943BULX;>J%4",G$R-Z,B$J/; <3BEALYF1CCR<2D#(QK*NXA8 07Q!JY&1B;& ,FD!0*Q%TT8.)B3B8:#F\&CF8F.#!A%JY=1]? M!Q- =]/RVG_#)2)B6\]G9R@'U$Z@]PD4^B_93SD\Q43'"'4I/K\E/4M]"L?@JKGT--37*SVIL:D[I:VPE>%KPL>#F%EYNQ";3>5%?%OBQX6?#R&7GY M'.%625ZN];19\++@9<'+*;Q\CMBVDN:TWIMJ?6/8#A6<.@)_"4SX(/SOW'J> M1M/ZL@&"6;/IKW QFL3*!)XL)QJK#NL;7L'!L?I_#4-(H3Z^)<$22?#E5T"' M9SUOO7OQT60Z4YL:YES*Q#K [I%X2=?TWM:E'*(=(#XCB')\V7?+__&->'C! M?"+R%KDWR@ZZ8] WDPVV_I9&K::(0D,Y2M- E4BJ=)JB')^DBN0O)"OS(92PM M0*Q(8#-W.;(OIGM(N!Q)6.;2M68MYF'X4+?<3)+I#'Y$98)4^CK\%R>7WX MKK\F,)9G8K\.MG)ERZ1(%,O9T%FFL>F.*0]N#N>M&NK-B-$6?B'SNR"ZJE^(MD;\ZTMW:LVQ)8;3H2W\G#O& MA]M(2(HXC/^Y(+](3U<3>>9,-\B1] (LU#,_M^WV8U&IMDP#(C,3WUT .=[&(%A1?^O1ZLW#A";CE<>/#4'Q?LIS E?[^4?H? MXCGNL]F73,F!F:U!'ELS^U4"2.'*S=@8!M*]!4##+SC9(Y7<-5P/@$BFC^_> MYE K(8:[7GOL3F#$ G);G M9:->7C:.J!090U"&M0[!&& (X2T*_&9M>L&KY,/; M$9BI8&D*$Z4$&*^XSN+/-(S7!V]%KA=;V&XX,:LZ91M5E'K'IJ3B_F_[&UF_ M%.KQQDLBORZJU8$$6]A/PI&_$&]WPIS8JKGBBR/*-@!$FS'H$[9W?:ST?G M":GRS7/GFQQLICYY6@$L!LF92OM*2TQ%"8>@*8/Q" (:Y=GT+G[CUB&TB3MZ] M6/-@&9F(L0=#VV.X>\1\!)-H$V0_$K.&$+[")?!DJP>Z'"Q_ ^)PD?#6B.BC MV<*4];DYTXRQ9DYD3=>-V62N/ Z)H? ROALH9>VBY+<&^!IZ\>?2(^>/&7, , M;TW[Q7SUT<*+ZX6@!1T0_I!FC#+37Q\]_Z3HRU]#,I*]9@HA0U)?.'020(M0Q/VT(F0=!KX@0= (WGCH&7#FWQ&#H ZCP *($?^#Y<]LU]]XY %>\YOMSG[L MA)Z:T*#A&GZ$@(1<(_R\#>E-]SZRBU^7WKSWR!QTTK?2^R558Q/V=[@*I:9T M/UN2-<8F7Q<9DWOO^H&?,AOM<-P9XB&<8\K,%6P"@/Z$'-+2<=2_P4LOVVN?7(< M_?%N;OEKVRW

*MOG/FW\)AI;&"DBX>2S-R1N;5&4;,.=+)(]1#5JL.#Y5?>&1T]CD#L;7>M YT M9+1-.<. 1[O37+0D91]@Z3BCR^T1D0?S1:FK,_F6:,-1,HHNO&;#)7'H?$ M4/YWA/8Z?]9"NK7S:2#]NN?>2/+P_IY+#<0OKN.R3<1Y D7,71%8@H_,:'R MAW^SW=F/W0+H";<&7,-7$UBL-;P<=C82567^&-F>L(,G7"_ADI0:\? UL"6JJ M3;XN,L8>#1R=3BFC'Q^.,V,3"N>4,E,$!'5I;3TX[.P"%MDVUSZYC?YX%[G# M+(P]+\DKX_4 M@:'KJ3\-!W+]J:Q7&0- MK)1Z4_;UB3+F;DSJA+\QU4FGXV_*<8(?C0 Q$K>E M'!/"%:ZN-!!:GK-^(<]K8%J"04J5[>2%%\.U:4R1:FO*8DRIT#YM:[?5KF5 M0*_M*HBSB5!%NL4B=++B$U)"%#@G%1K&1:KT%YEQIZBF5F6NMA)&P*DZG"[0 MO/M"N3RN<^/'SEU]Z6;K;LESL/C2FYRTG\7B;$-GI)VC%Y<:BK? T/(6=A?]J MFAZ?PO^:X-S>A-/_[ZBSD]2IR503C4W>J\[=&LI>?/=T!K33[S]'!5 M$#6AI$ES)YZTZ0?L>;7+T-848_#1E!NN,:$ MNB2PV11A"C9Y@KDLR"F=EI(3.I@'OOL3O#IM7.,T_V8?!X%4+CF0'!]].D&_ M>>ZSA94TTX8WZ4WUE*9(:P\[$_P,&PY)@?F#..F=D6 B"E%HFTB 7*!2V_Z MG2P!UM)O'G4@^1*M[^&887^Q-Q\W'HBLM^&RK#T7) I* ^G-/2%23IK$N4IH M*AR5\SP^EN+E/"<3+*X.$.F_XS4]>6C- >52^@B1]&_461#@M+(1-K(D6P,[? MS)9QZ%BQ1G>ENE2&@]*4P1@[;R0{GX:]%-@&'GLPW#N&NT?,1]CD-D'V(XD" MQ!?:,C +/TZ. ^']++],$9;? O@++UH"FOSB=P\@J#^<6,N8(:WIOUBOOJX9\>W M7]AI#PA_2#-&F>FOC]XOT[317JYS67JCG;^7:;3#E+4'\^<'RY_9KK_Q4IK3 M:$92U]",9&L=]C()WH:97.E-=1C=,MB.OI2_?G /NXZ5VY9W6"$(%-%G6(8]^R,,W M1OU00?CL?2G:%4&M!7GDO8;%]@82CA%_L&"8,];W<>- L?'R]Z\%=''X_\M8&O M@Y+ESK @ Y57H)KY_5#KP@NPV3IA=[_-_,GUH?UT=T$TC/H0FRM3-MV7TQG M1ECC,39X^L'8TS@4VWSQ\>,X(?B*&>\U. >X>80V(OW= M%D;62UE3?PJLO M2PO$*_P6#IDV$HU:A+(^H@G"F_,_5Z2=A&V83M\+24/#A:P>1.6[\;&:B%= M61IB2E#BOQ1WXYZ*& ^1L/: M2IKO,#2F(FX !LK6L+DE49FPQ<5ALAIY!D0BMN8% 4C? MCK>%@AS>C%=H"]X%F=.V['Y@!IO !;:C]Z !(_\M9@:';J=)3<>HB6/,O-E[M&7X!7XC2U8>] F0F7IJ#]6R[:RK"W^"VI0S??\'_YFK][@/JE_SNK11V=>U' M+8+GV&F9KBC\7U2]YP,(J6?X+MA/(- XMJ*Z&&WWTVD\?/G^.WLGP&KX/)=%N M^-O^MBB;%^;J8D7#8-VZH;]!03^8N'CW%_C/:&W[X31_=UV'^%2;%"_NR\W MJ'K,#X? W]\^_/\3&9Z$ICV0)%X(*S#[N!^'T\65AN(/IA,-%J@+*'GR0?%_ M_!- 2VT#W'1QNX3]?FZ%7:M?+(19*(=]:0G".PZ/?#!L,:;N,%;^+2F0RJ F MDBC6YN)PPAE4VR-.@&H?OFQ+)=K=.T;JO0&'&PZ/M,_;-2_77C-='TAO.'">[8'?0^WT+2QCV'LR42>K#WZ4-(FM^MP-XZV/VEFFR 5 MV/8(! ('_HNGG2YLU[?B\6MN$[+ MGF:&%=IC>R.+QL%^7II@2CP2XK!^T:@!4.^?9 +>ZZ0*W .ZXV[J_K_1(F^9OI[^?@?/P)MJL/#X0XO5NY&R<5K9.T$GFP M/^'S>]R%2^8'[NS'7I+P41Y6S_#>7$R)_P:E0]0%3'GSXH,TVDZO=2@O; M9TULK^2B0+]=MFV*!T#XD>#Y!]? M+^F&W_G&SR:Z*,4>S"QOY9>ZO,S;%Z8S&D, MJX%/DI69:EOT\TMXWSZIJNK8M,MO>G6"[H&-UQ=2ZL)67S#+3UW13O2T:/(MA+\3&\,!OB[^)_*/WT7N\=!_LH-Y]K1':?4KMG,%7'OL,S"]%#]\TC.4YEMA MJE@DH<)3]7T*O?UB-_,3HVHS,3^-NZ'QK7"H&US[9/;Z(]W484VRZ&? I@^]VZ<%!KH< MQ+128<-^#F-@#&,PTF4,@PF33<,/AQ$R YC*+\GK(W5@Z'KJ3\.!G'H]ZU7& M0!LKI=Z4? 7VBC+D;DSKA;TQUTNGXFW+2F(]FMQN)VU(2$EAHVX4"[Q/!62R= M><\+2/75S*HR+2?%ET/%?8\0!<%Q#6DHZ6D-5[}^6S-+ @NKJR#.)D)W !S+ M5BN1:9%=Q%4 M[,@Q=KW?%V]BZ8!7Y2@E^QJ?M#$S]GS]H!Q-9[5BW/@;$3A]Z79[^FZ?78~AJOV MR7-7WS"XDA73R8Y(T--*0S548[G\+G? 14MQ7(]PSK)L:<52X@\1XS$<'"0&U M1A7YBT"-DV8E FJ-JJP7@9K!&]2Z<%3S>;^P3. 1,XC]@KE1R0I05%E%&=1A MH[#_71UC*UDR1^.NQ=T:? FQF@G-]QMMC\9:,KP]S-M(8;1)Q4XQE1]OU>]$ M:3E\SN]\SP1-8:D]D6N3V@)7'.+]]*3(@L)(21-& CG7CYS3O*$ED*/R@YRF MFXAN:WHV#8"'6/+;FPNEN TY2G${/I9R*6Z7S&ZCB[M3 5EMV&ZXE9NIR^/N M99X65Z\TWHQBX7_A3VTO ZB1 %2; 56/OEX&4+H 5)L!58\:GP: <<6JQ!>']J M/=>JT_H!.7'U+;=?FW3(4G)O+SE/M.17&A],4HM)"G_L=:.G:'?/JNA)K?@A MP'/=X"E:S*PB> (QA:DD]@9[K1D_1XCQ5T2/WLIEP[\,!4Y/OE7YWS/HG\:S% M;9O0T2/W7?(D*9XC&+1)%)MCD#MZ:5.U 6:6Q[04+"$?$WVWW4T/C[B<1#, M*ICU';U)@E=)]%VT9OA[=[4"B7*/Y:=/:BK-OI4R M@ETCTQ/G^@U$P.PU9<;C H6I+UN%^C?3A_EN>RJNL<(Y)7G4-//CM_MMFU"3 M9B3YM'D)%JK>!*SV.4S*HBV.=FTB*;?0 M:Q7J(+3+]>$,\C*(:QC#A]DCAS M'[<"&]X[[T?-34R0D$('}MK&?8 MR3>K(MW"<*=AW!U)0P MUYH<_]"@HPR@WE3[.QQ6?VE3Z_F-"PG M*@S Q [$?G?]U%!2HS=558Y+EY8_D.;J=K!@(-X9*"=2*X>!C'"6=)HD0_D% M PD&Z@8#Y41/Y3*0W)M.M+KJR0@&X@!'H&J!S3E,I#2FXX4XQH8J*%J39>S MW7XGOG];(%JA^0+R5\..0;-MXBV-*#G0T39.V=.L^?NYG]N? %I'-955ZJA< M5JGP0:WQM0(U1;7X:JC1!&K:B9H+79!4="X48X.;4X52N,RXTI"S)) -.C MDF3A&B$&A!CHJ!@H2AN7EUNG=+?!\C+,.JEQ4?K48&N]# M:[U/^"XL'Y"L%A!Y?)NOW,[GR0BC4$EWXA_TU60>DOD++=+P=4&+%OA?=\3. M5&1&O:DVK"O$CZHRNC1 3UR7='N CVUJ,GAR; MMS)Z)CS)GM9'8GY<+,B,-E/?U64BLXUG!1;Q;XMD_IY+W1;/U_Q\339)B3X$ MEX,U]:W1F),U\6A9+"Q/9KZ8WOP"+:6N2;SGE_W"$9EF7;HQ:1ON8M5$GMP MO[C,,_%A$V__F$%RT^NMR 6_7T;ZI4F_8T:XKJ$YL GM/*+O9\36LJP-U4% MM-H)K?S2Y&>%EBR@U5IHY=?1/BNT,&N-$VB)4REQG,<5X:[?_#YZC)(1+E](M//>IMI]]^'^-'0@;.8)XS02WJPTR:VB(ZN1)B<%%_*P\WD8IO4.&>K$.&>_C?4GB>K;IX^G7MAXV6PMUV)>P]"T]0L!JKK0!1DD\ M3>)X^OSETR&@8F' *>AAS3S^K6?]#&Z=S>IF[@8WX>NVT!KNH$4/W<=]63'Z MNI'4.NE$RHIPN$1IOPZD1$^BXOU@[F8S M8@,/1US[G:PWWFQI^L1/- '\Q%,.JFK^PQBR(9]9J98U=N.<2^DIF7[M!4/ MZ[CC[:8KK:RO/;?2(?FW>S#5Y O_^&3,27ZO"B M#X.Z6DN7$%D9:$;Y9C"6I>T?5!&WJNJ.X,*GI=? 5R'Q+]ON7QUU>C_M0^ M#A=M4)A.I,B)M@;93W8]UB):U3HD?3 J,*:4QI H*F_408IX>P1)C"_H3=_(M;P_:GIUSF3F$^X,;F'8!C%^HV/E%CZW^6V8:J;LF#NS;W@\2Q+;R*D$M===M\ MUW2ZIV4ZA+CI)+U=N=BCC_L/&)-^HKG0? OK.U.EKVAJ7QF=O1XE#P?* M9P0@=VQ:7R)O6^JX1LTV53[+O! W%4L2 M'ETB25@\7^CY3NK[RKGT_0YH]:-A\UJ]VIN.5:T_5NO2.JY M^B !M$2/2%3 M"]JGE5JU<*TWG<@#71?\(/B!-W[(X8.:],81V*%UJCLZG&X]{4T 9*BW*=!3>TA1M* MILJBG"# \Z!T42VS:R2^O9-"+H$K*";MKWB=C1HX'3.7%, M0A$_3)%I1A$W>E.M/U2-OBK7%7DB5 ^A>IQ=$9?/I8AKP]YTK_&O-18$-P@ MN.'4GB.G*.(:EJZIGJ7.@2(N7UH3O^9ZY5+ %>%T_NDB)#FM6T- M:S>-],ZN'"%V;8[;JJG:1'1%R/FT;:^*H U5$A A^X(X?XGFA'!\-EQ;*\6G*L=*\>W/=U(_5H5^7$OMW6:TXTEO.AKJ_0GG MLE#H IW4!;)T8_ULFC$+AD#56C&@ANXXX:2I=I/D7HBV,25]L6>KN;6=AC]XU53E &V,S"G6D@^T-J0-_,%NQ M\6F]-_WE-]*G=8(IS6<')L678LU//^6HNNDX9? HTEQJ5:@/2"FR*L59J.)* M59GJL94:4P 67*F!=#X.RXLT/G4M)Q2*28=>,0Y3JZY;E6D=6S>#3BN9/E@S MA^7%EIRX*N,AA5V*L_%D#JN\4E6F>F2EQC*=:C)\-YW#BIAV^&9K1/31;&'* M^MR<:<98,R>RINO&;#)7'H?$4/Z7ZHZ7WJ<3S6[I/OUY$-D6!? O6HS[GD25Q M?%#Y/CLS=T6^N %)]JP?*VQ9@6!D?A>$U_"%^YWL[\#27J$F!7CZ2MT]>Y^0 M?G=]/W$"M[Q#]/OILP,O_V-[O24Z:F'$\FP+MFD^=/0 MT(FV<&W;?:':+STTF)/ M&SFRMNZ0]!?2V6R1PB>E*Y=A_KG\'20_MNS?/2T M[I8Q\MK%E]$&4MY&Z\:^MG5OT.- ZF+=MKGUR&,W9+CI3MQPZ>OK0N_VC\Y0C M9^KZ8#^'_@'#&(R'8W01A>2X8>/MXP?R8.1FMLROM"KC,'$&)=Z4_;UB:)S M-B9Y(,OMIM/QV>7$%!^-5#82MUU)C_0]!8TJ P4ZIK>2%%\.M:()0G01'%NM M$,\4NPJ+,")4@40LD#,K-2(EQHUS4NV5:L^&2:$9=XIJ.E7F:BMA!)RJPZF% MJ5+I,_^&%@J8:[MX@[7K!S2 CD8B2(_$(0L,KGB3$\&Z6)QMF(R,0WTZ8A,R8*Q"?+H? &F[B(,A"F_TGS>EXE?U1$E:'V8 ?Z7&3"]=&SC)__C7Q@I>4T)3QUIOJD^2 M3OFW5>A]SH2Y([GM O4M1GVBTEPEU&-3;BUY:"A0SP,R!.JWJ$\D:E5"O8ZR M/AD!(%#/ S(${ZK>H3R2#54+]&%_2E;G:!SU#;ET+FJF?$TY>[;H8,[T!L^@ MW]X6\0V>RZP4S]?\?$V6-V6E,4LJX!G=_W \,G.?')KKXI HS0VIF>9MO1D M6LR'R3**X //F,(<.B]/JJU:-="?C3]R7D_8YO<6_5JS?R,+UR'<,H_-]S"5C MJ6CL\H/Y\RX(/.MQ0T-4'MQO)};7INT$D]ZT1I= M;?C1!'[:B)\\9:XV_(RXP$^=_CQ9&2C-K+(N^26]:N6660%_+T'>RD[(L^HPKD7U-!V?$ZA'L54?7 MJ?/S0ABZ6[DPVG]NRVKM'W%C_$;^$7>MXRY0$W]81TW\RCV7ZA0C5W36D5#@ M,P*U#L4(E]: [U8*F]4I+WO^80QKD"UEE_$*O#+=AF1"JV\4DG)O6G-_ M(@')]X=D0M5O%))X,B;$I,!DC@'0*"955IN:?TPVG5K*I5F0$NUP15J^4D7+ MO]Z@I:J\&E7D0?H9EU'QC%3$N_$)G5HU[@SH5#P>%=#A$SJU:L89T$D]^Q/0 MN7;HU*K 9D!GG)8OTOJ\P2P=5)9I0,=%0S58.ZQ8/$;4%*)(=RTH(TK4F15 M/MW55W3J5:N26_(DS)AP[1HL?P[+KQOFBA!9J^Y<%I%&#>F0 I$M0V2M*GDY M1,)PAV#G58[4$YAL&29KU? 5+8U*^%DQVH0YB7L3V68*QV\JA%?+T(G[ZAK%# MKE.8K93>--EMJ^;(,!&4>$T@K)#L=RH(\2 RV96=P_A$ 42.8K// $0\&ZOL M'A! ,!D0*Z0? G@I$/&E+EHCD$(@YVF[4O@QF<02W7;RK"W4(8^72"3:6*%TH M/<]>.ZW Z$5I4KS :+G)\RUP2QXK&C66'H4!8,7=<94SQ%)+<2%'EF BP41Q M)AH/ZV4BS)]5!1,))NH2$]6]$TW$3B28J&M,5/=.9'"_$[7K#"B];]PGUX-_ M.M*,'NO-7J7 @[?9],COI/+R27>%"J2?NQOLDUZY)UH13Y@8'4^CZYB'1$I# MN:*5X*ZXW4K.%-L42CVNTE!NX7HK,_BWGO4SN'4VJYNY2WN3XLO2=E 9 WSZ M\CB9_'>-M1(%5[28*ZHTG"O+%3+EBE'R %!P!0_($5RQY8HJ#>G*)0C75.A"]7([^K829V(91;! M+\4%:Y4(LK)>J0GU2@UK\-6* #-.T"9X+)_')E4'S,KRF($\IL@U](D3/,8) MV@2/\;6/*4.QCPD>ZQZ/- ;F/*?(5[&/"(A=GFX)P5W&7(-R5C*:?=QM,SQ5Y M;_1+:6&[+]*2S)^(?Y[\D&M+R"1&[(*7F3BI+6ON.T M"IHBE%?@_9R&<)6TCQ3DJ[UILJ6B%_G 1@"]%O05\GJ2 &]EM;J0(">!V"T M&?3E,)_(V3@)ZJ/ZNGJ((":+A!VDTH8!E$H1Y!;=5/'".7-N'%\^=Q4E 9-*:] M9[E&]Q<22+.EZ3P1U@V,^2FLF>219]/>T,HPV:Z_ OTW6A^%.RG:&^OKS&++M MG@^;;? @ENT##YJGWIDH[%,668ZD(H'&K'$LM1U%)B52T$U6=>)J M1%*$1&H=E@KGF-2()2.U;Q1O6?JEB4,65E"E%]05LL29]+TC M65<9K)+:35D>JL/>- !E7*9+XVH"F"JV;CH$H'EFXL'Z2^>F@DON 90F MBJR\$Q!K)<0*JX/U"2RE!N>N0!.7:*HCZ,@DFM3>M'(;T6;RC4OIHK(R4+A7 M"C. [AN[YP$%QQ!65O,,E[4L."3 *C!_5G$CMJV;6>,.^QK+-->U4MM9U9?8D& MG.3S=!F$#3DG2T-O5))O4L"/7_@U[M4L#40=@%A#P6T!PM: L+H[M#0(QZF= MEOD"8<=V<)3'8,.MDT7UX?-@4JOQ3$I@LVB93*C'}4.Q^,F65OO)UEF!VG1Z[-QZCMX=ON(&[[_5 MJ?Y]P2 $\G--')] <8:%VI4A]LZ$%-6XG>-<&6FIB;,B'.W:L5.K(IZ%'55@-M4XWB]55ASL*.UIN*,-@KP$[S>FW)N"QM5)OVRE<\;&4%599IW,1%(R+2O+\T M@>IN-MNL-J TP@4WLQ=16EC$%>FY:@T-B2H4RN3O%*FB GR"-#E^C%1"S.B-M&VY73?H36JF:7/?'4QO7%^[4?C)W+8ZVJ>VD\3K@^?A&0O%J3H+9- MW+@"3W>%:)$K+ 19,'!:Q$2?/R:Z_NYGHZ$(CFX[&AM+XSL5@W(-6HG (?4]!D0J=23MR_0V!HT7K!#Z4CM3MPTUYIPY2Z#W1TO-OE0BI MTL,L12IHJ?0MYF*/.N+'$/U.7,3&Z:QM=N]P1Z7T-\P+T M\'3N1$'!0B6/4;K]&U=!&K1H\](2_5#.UP%ZA-GI_;%1GZ)8;+WX5A8%WW61*

*M[Y2B1UUU\!V6I.Y/1E7.$P3?";YK]\UN=_I0['?";X3?-?T?J?+U[/?4;/U M%QH/$.4CQ3+'5J;W9#FQS[\+KX0VG""7K$!Z MEG)Z>I;\]BPY9? F@IF/>HZAT[#N6P | M\1C=?S6Y&8NT]%!H_(LU(OIHMC!E?6[.-&.LF1-9TW5C-IDKCT-B*/^+^5]? MW(! ('W[]Q9Q>#C>]Z5NZ[BQB.BP!PM(DQ9+7N^08IT>7_-/EEQQX'Q9TXS)>N0H9;SDS>Q/*^&^>^VSYJ.6 M,A+5C0_,GT*HU_AHY##_RXX_&HY7.6/P^\D-I?GB,UA=>>8X ;?-<%<\3SB MKUT'GPP5MGA)7+J_F["E/YG%7A%V(XN_HRA$]$Y 1.,/(I\=R;3M,,37E]:P MG$!>,@=5SDWH_ZF5DP^6& U0-(0MAW4CGD8FZ9?-"CXRVP-!..#Y-836DDV1] ML>;!,LKPB3T8PF:X>\1\!!&U";(?B5FH,YRBU[P3@8I8C!K: (UCLOSAL3\<6,N8(:WIOUBOOIH=<\)OMSG[$?"\|_P X,G\+H@NXA>(/S/7"#UO M_^S_GJ'UN#=M@J!$C BH M83YYYLH_;8]H EOI' R*LX3)+Z;S*JU,RPG@_^-N*9FS&1.87FR6/IEM/)!1 M_V2+:7H>MF^GJE6P]-S-TQ(VTI>E:]NO-^Z+ \+57Q-$G+3>>"#>B 2W6L&K M] 93QI7AN_MO'^E?\KNW PG'@D;WS/27TF\+#-F):V0BU.#^D>LK I!?3AR\=V--]M=1", 7QDL+6\N_;4Q/1 PER38!(*R#:TL>$ M$1C_/5F#[OA(/);=J {[DC)4-+PY_2=U(%TC!LHNM^5+KH-&%BRW-5M2Y%) IA!B!*@@TU B2@@&73EX!&8%L(MBD6.F1/I<6YJR:3 ,$&B>]^20D&G7]+.DBB+ 0?!9LR 0IYAE1@_'U])NME0 MB3,#B0Y#@1EY)%3;MNJ]S,7 M1@ /^ /Z!8C0>Z ^G$@2W,7;G+<8"L9),)8D%GX"2?P7%N"+X7")-QT/9 : M,;3UZ48B4INV[.WJ:H/Y&/H]@:>+/ MMOOB[TT/*&(Y,U"Q< QPW;96S.+YUW(!M')Z OKR975[%YV-W8L1G*_)U<^ MF3-R11[7S.U3TMKZ:!_=S.+K? <6"I9T78GE%)AMN>:*I=5@0OS)EEX^;(UH$Z M7PI EFY^EUJQU$712E8P,)2S#F?4FRHIIXF)"\A]P'< C67FMH^_ &&$OM) M9MM^'Y]EFU#)Q:@X>S;S#Y[YX]1.7R^[&A7!D3>><='E0%S/\375%F8@W?D8 M'8%AMQZ6SWQ" 1DPG=*U#X3U3H'8ZL);'<*&? KE/[1IDR157*)U.,58))P *0TR%Q8!UNK)H8Y16K5X2?:6=.L?"!F(MUJ(;O_/W#WJB0A#W2T)"RZ0*P^54T2W!<$IOJJG)B*QL&&,[+@Z M[7M%#C&WC]WH"&3//1-^>P;*&@P124\'L0["61[J.,4M$)S]K2%3A8^[+)A M84P5TMY"ZSW_1)..ZQ.;JKF[^"7W[&/']BR,Z#UU:, ?.]I)R'!7YR'^[*1N M+!??[A!'5[OC-114WH$0\[LD;$:L-E&2?;AIRR >64I2TQ*"SND=+]^E"4HS_ MM,UF(;OYV-V+JG4?:2"9M9"JJER!JHEUIFO=/'O; M/I1@/0%MM"+],JWMWG3*K4A_"*1_J.X!)50;'S4>X- M!Q+7J3*;/$_Z3S$@88F)X!P*^'_V)I]4D2JFW;*^Z'N!ZL@#.:6(II.AE]V$P@9Z:3] [.^R7FER.:N6>5L^K7+/T($U%*N_F M@7;G\>BINXFP3$;$<83>;L++/33'>2Q1ANJ65K?T'A6'S%M*L8D#1_O*M!D>LY+5%$'XS0T%U<- .:5\/"@R856P$@&!/I.7CVMEMOME9!KWXQOG@A M CU8D4@SIT)!^US=_PD9L)L6_WCLTR5Z7;50T^3ZWO3]!6R#ZA&KUW!/[)_" M.OM;^%ZF^3I\]A:]ZC9;-X]O>Z$_$<5+7LBMVQ#UZ3UMVSU-G40@2NC,W39 M:M!0B[@0GH@ZT]H 2%;XC@[!\LL(E6ZJV.@E@T0 M_$6)I=LH$[%4/N$\AG[/H>,N^83[&="&OQCO/-=*&/]@\@EOO*_[Q4TS[FCK MV=MV:5QYE89^6&(YAY#O^<@7[<#9(#YJQLU]&&EH6^\HW1% M^3+N:/29VWY'(Z5AGY88CEP(*_;*Q.Q5!IZ'D/OWS-#[S][VZD/,C7T%$-O M-T\/]>I%\V5E5FQD+ >.D7;1B5<:3;$R*PY++'O%2+?/2^H>+G>W,CGN64(- M[U="]1H4%-A"0E5!@RN0X*+&T#QSE[;7*1"R5R9'#T-OW M',7MM='DR X*7'IWIG%AN]3.YCP*IYYOAPO*YU%LOM,R*J5^X]4])B9TG8EC_@1P@$^[>P%!0,7F#LK'<9!!%*7.P,&&3> MZ-ZSM\W5YJPO*P7_1 EJQ1A\.(+"?]&K&$N+!"6I?(V!7E6(_V+]RD=T!821U M6BO*XR%,/\]B@0(OO'E-_XE^ Z1{2=Q\EQ**B.]5ML M K0/JXX=X"B/9"-4[EJZS$? 5!/:YS%AV4#M<.MEQ+W,:.WX%)7X%4IL\X6M MK5O9H-;M=5/*8B)O]@&CFO:T XI<.,P=P/3FU-]JD\9_R8.Z0U[QN]14#LET+ MB. [U6;N)T8>#+VUS0*1UB-35!^8$-.?4?K;KPS9NW_>I,-Y[.YC.PB" :.H9 M%WJ&;8Q]+PC.^);/%T9P9\X-^")8N.%4T J=!=(JKM> CRBAF-.WU\ ?(^+ MNQDML%F=.9_[WD]@#:.& I_[OP;M7N=-+H\2448JP\:2.=^^I4/YE+11RN1# MG6=O.]U5-L#]M[!::"+ 19!68V&Z<*U5$8A/.O.QPZ2[B ",LS(6;& (3<$Q*O*_=(.$?>K:#? MW)J^[44:T#NFZN#SIN^;[HW #('4.X)H%-B6#:\7P1*.K>V3D]:Z7IK]CM=V MXP]T!7ML?-" YB/W!\D6]9>N\9]L>&^LO""V_1L>HN+Y*NU#$13-DB9_M/.;(10&MYIN7<.RP&3<@!#XP[M,S "$88.W@#0\QU\!]" (X(QH91YZ8/,.Z)1-TH]TW_ZA]? 35BST1K6,N[Z M&/[K".+&*DP?5@EK"VTX1:!!B=F<]4<&*:.D@?_"=\5Y 0;:EFOS 6)!N8! M:,Z0FR70'SQ[V\QO)-N&(U17*&\6*-/-\1@,7= (*2',E&0_F>J#VS^7*"I3U M<[.VB#;B38??'\8ZOHEYBCXRB6&(Q+#*46NP'IF1@LOR(]9*6//&^IQ M@:"OT'3GOIC9T6S5S#CLPI3D^/@3>%0@\M8V: (!YD4'F,/M]Y[.4TJ,F!]MI MN\$G,-I$\-7-$M.9TVQFO?5JP$;"N1BC=NTL:L;=U 9F= ?KAB^0S%B-5%MA M"-X+RE1D"L-Y&+ T4E<3GK0\L- 1%20+C1/'PWGLN^6A(W92]#>&CC=;,T5EV MTMFI-5C/ME/Z37-K&_1L78&O.-Y:CH=[NUYL%+QI&^KQBZF^@U8V5FS=N(]@ M,E5GFW^VDM%8 G@"Z7*HN)%0&OY0!%-G*E*1 F]9AVF4*8AB+O25!3ADUYE"F MK8EO\9NO\.5KB**=W7)CK<2.RP&3<@!#XPI M,S "$88.W@#0\QU\!]" E((/\YZZUOO\#H ,&T2!UEYM+ M7S+7"$"(0'!!.:8TK!TW&"G_G@SJ0O75WY*W7IAK*0DK.E8#HO=A6=\S -&@ MMZ'+"%G6GTWR>G135C5]0+_),B+!*-QL'QL M-@V73$+'490 "C/HC,AS=*WC)T0R2QH"#M9_/,RB[<. LF_X2C28E.[=IZ M_4-J',0.C+D3!2LRF3>VVL-M=;B'5]XZ.97N^RAO@VS\^_M4WO*6L:_RA@GN MIZ:\@> [CVXBV-16: [WL0P_R9)O0=%65'IU"A5:K]?2AHULY*1[4-/N&U9L MV-P *[84 &DWEU0UE1V0]MP_T>R#86M]]@%O#N<>+"4=L FSM#H[6%K=T1,3 MANW"N_!^BF=_O9VK?Z"3,+#M@Q#IFY_>M1&WIXA%<.0]9[XV%L)CXGLS=OU-P'3#1.7/O_4U_-9@I:W=G(Q-%^:/,W."DWUM.G?F(L!,9OT48,.7]G!Y M^?GGL#'%N9V9K%RVK+"5IG-V8E#O2K:E\1'HXA>5DA"YH?"'"?@EJ\Q_UZ[IA M>8YC^F>6<#V2&<*]&8%P,<\'_AL(T,M17.,6.;A%$]F7+Z7Q9W MV/3*WTR8B0BPE-?=[YW9[0+5.VL@"8$U]MD'@TR#P8EUOO%NY6A6S8M>_!. M2AQ"V6G#YTIZ,C//TG- C-[. 7)?I>R ;'7 5.$\RV3>)B@=Q+Y9"\KX0B9; MHD0'0P8&@IV9Q$1((@_.2Q,.\-&M<$UX4M,&:]A0HC]$:!^8]P'6PLP.^3KZ MXJ_()FV)="[\<$6:? &M"R4A3B+UQ<=WE]_G!LO3##YQ,1VDYS29 EPK/$V M"!>U,]\[B8UB-8Z\@ K'>P=T[%GJ@8D7^4N_#(R9AQ:00";KH+EH(7W U$9" MR_""X6!E\A\4=0"ZN3%.5:UMO=RO_$.0OT8Q/ -M_#K1-\GV#]\ZKNG?\A[M%RL7#4VY&)"JE.'GAK4TZXU&W3BG+8W3#+C$HMU@RX0NU#%=? A_@;+1L-.-2 M(#*_[0RCO=-9MF#E133.!R4)?SR.JFS^1IM?S;[.6X$X%$)+;.1TUDR";GD MG RIX@7MB .W9A@."P+X=0X+X=Y]- +*S43*,KHU.)ONBLSA;?T#9]X,/"$?K MYGOC_IPO5C?I8-#EF^L66XWFFB/.G-U>P,Q%9X?91L-.O[%J1N=7.+TH>"D. MBS3=:K2SXRFL&Y:>'CJEIH?N]##8;NKMQJ[]:.!+[?@2654?'3O3;VJBXN=XBG5AK*J#Z4*62NK'L>I?6%?"%^177 .:[E%RF M16EWS[A&JT&%0/UA5KH246+1Z0T/.ST,4M<;G55^\2]IBGP<6NE#N8/>PZVP MPQ65_E$HU1H#.&K*R%((^!\I[(3E:]-MK!EK_4\A'-D%U#6.AK%K1# MNIN _^S_!-GZ=\-L5<7XV?]JS:/;.\WWO#F;^WIS#_^&BL!+11-"W6B.K?V'% M,>?'^S3FK8C<[0#FJN-DA=;?9*2 QD*7-Y:Z>,*2N/96I[A"?JW\JUC^K= ML=OHWRJEBO3DG&[+!%YF89TKU'S:!7H52DM0A$=8T_K^Q&YM^&UN'Q8;;=1KM M9V]=; [.)>MQTX+4^K179Q8*AE(27P\6.NKL@TDJY5]F<]9A;5("\V4SX8\18N3+GHI0'[C\:OQ1F7L]]VS$Z67G7(D#T M.CN8HI\8#1MU,G.34\OGOG?CFS-)? ISKHS\^,Q<$H28T_\7*((R>IA"'EK^. M_3NGUZN5X?70.F M'.H%+9F=,.3BX10EZ>=8V5/<^%O$+QM%(1BA8(#"+F- 43K)G]?9T=_GV4N MM+7UG[UM#_LK7C[XD999;DE$'*815+IHKK[I_I#N%7R-0FK%7TFQ9YK@S[']?,0;/3ZPW'.ZLU:HAAZ_\0C^3H93;9HO5K??WE;RZ?'K>3 MA;U,]G^ S?.=XXQ_:F0U7<97A0QQ9P G/,9';C\2SMQ>F[1Q_ M2X6_<"KQ>PSM1:N@SOH1Y20^!\O*5^&$?&*R&72IPW>" MW/ 8? 81EH[L7D]%2+4RU;PIW!]$SPZ">_W?;4^2)NF80(ST=]UY0N"1).E&3Q?9N-J M-680"%P^-<_3EYG^0GWJ).5_--C*8\L_L,1$^^2(D*8@AJPC23%. M%U5- /0<$B0K5GX6^B4M5]83 C @$1/2A<5@']M6>V'P^ MG\2M<(QF'#])7C2U00#ZX^DBG!^KCF'M9F\9/EE\AYX!7.(CD:5#7_Z=W-8$P<+ 8&AOG2B*24 M!#9P#M.7E7CX$DU7P\=@A\ZT>:RL7HDV_"UJ.$M7F81SQHFQ+&NM.[98P!7C M_S 2,>EW"WEL=&]_@IXRM[%+P8H :#66.?T_& YKORA)@%CK'N8!^^U^N.- M90=SQUR\MEUBGO30FI0.E8$[355]_'52.F-O=Y0S4:].^P6&BK_\T&K74WJH2?5:V1_I8,:T/;J8,._H_8M MR>X%$BIJN,VBN![O2,M:T70;J0",L1Q[65GBZKEE-K [U9U0X15C.;)"&_%T M*%GK)77IV9=I\X2GJQ*]*7:4!+W\UE\)O4_OMU#U:,0SNV[/Z>W18Z!^PK"+QVHFO%NC3+G,)]LZK_#Z'T]GO'9W RB\WALO-DX+1UY:-MS0/UN2QZ5$?]PEQ=M>]JK5ZU#:6W![IJU%*VT]^["V5UU;]K5]*%%[MJ&XK, M#W35#M7PM;IJU54KT<*+7;4"G=+WN&H=OFJKQ9\EO&HKK9-7&R67+5K^;3GV MS8%3.]@MFKPY#LE:Q*3^JU#*V(:4YF0Q&.U_GPL6W6IU#UJRLOU[>UF!J?(0 M2X"PIKO EA1 2GR2N(*M?%S! LE'W3CYZ A@A&7+=[HJFN_T6? @WP@ .QW]% M-A-0<,Y.'^Q T9.6_11D1;_[&>E/K?XJ^M,3(();S5W2W-B0?->E?K)& ? MB5ND=F%K[G#T%>67YN0=54NV&EVH*-Q;?&M* 4+$8".8818(3"V: !/FTI'X MWEL*M3_J_ZJKG!@"+'=A+P1E%ET#L8VY'CP0-PD6(KY QS,&Z@[/D*R%85L_ M1D$XBU/0(DSQ&67MC]>PYSNTL^RN",LUP,&(U_O5U:[?U\DY"?1F MIAC#EJ<9G9HHK0?%NXX23.(Q4GN:*_XO9%K82[G"6'?8$@UXF7-SRB^VY.2# MTJ:1_EZ4K6(2L,U$!>ST/>W/C7#'MEB?3=K*RB9M9623IH:L&=K[M*1_K5/-MCCQWF.USASD\]YBGQ/:!A11/BWA-&=+XJZ7=*F]Y4'XB[<1S'$+ <@.O)EAL> M4Q#-@8G&I[Z4MEDSHKDET_R$80'914$@FP=PWKBV*9R2JU&1[1+$O?&'1(I-_M<1N)7-@%X M93#Y&)8(I#Q2\29RV&X]]L"]$AV(A'U:V_=UU;I+H"%? M"&CDZ^0O^J3"'+(JIH-YZ],6>4%*GW\SQAC&@@R M9?M:?WK<4 ,{<(YN!F2RIL1J.#'#!#SS*.6V8E&CCN2+*5CXB,"<)AR0XG./,/[Q5_ 3Y@24!1^W;#D?AW%YV?N/W]Y_ M.E=%92_YQ25OCG*>;C\3:S&8))RF3LSSMFS>@SO8,:S98Y*)]V!& G/2B96_M*"\7]XHY3@ T/8;E.6*/!>^IQ) 2OZW"!9YB? X3XI4$TP@*AT*8F1I@ZCJ!W,)+G@T*,S8%-E@8N@2;1V,FK"1I)-?*HR3&))<23 M8@PD(;5EVDDQGKI %S?HB5//I'&42DYM6G$#7I-F_TV0HBLX..'? 8N4!N\]0 ML2DYD FSP6IUC;Q?3 =&6NNIH"J3TEBP+H(U-UH<'Z&^RP:.WUQO!5VQFM/G9 M%0YXN7F)9*HI8^>P13% <%_0B1O<_^.D+;_VVKG%EMMNPNUEMX.Z# O:99^?9 MVU4B6.EP ^>HE7N@/KM2^+1X69-,<>+ D\S0",.L9O',VH'WJ7L,3-?"@B : M-2U"L%\S>]I(OO):R$;KK@X-XB9L_8ZW.O$1X\:.2[F!G'G0MF+BGD*U;?L MZ(3?D#BT[955Z\CT,+2[68[RXL2U-9GE,'-%D-_5N,1$!QG%8%4$/ M'%;J2\4"=*:%P1V%;R*X5IX/_XS@9SXU6O3E,:+)LBBY6G&IQ>TDXG!B;R3, MP1>2(>!6$<@EL1Z0-3 #\P8_F9I_FIX%AH?2[\92B*49F51X8W.'!\ (7Q%QK-M!?6Q*-)C+]4TMJ6,:$F33P1S#,*ODU\|SPJN/=''Z=1%D6(F9/8-G@'N6Y4 M(55<8'O4J0$K,\[C"ZB,RHOOYPE,B00BA;>C8@& 60A95XF-#]% JA/%3GHRB@?^_L/EW&!5'@6F'VDK OKGU?!+[M0$@CF^$1D$B#N-LIS!<=8-1$R$\]3AM?&-L4UD-32*E/&8MX;/<%2^B&S' M.+? 0O@M"GP*X\$#DA_$"<#M:C=1(Z%TP;8<-1E)I<24M8<+2%XUM8-X@>K% M5Z8/GV:]%-=S3L_*]S;K!L5F? #C?;%S/9'>!=UFW8,.)Y(4QB6SSRG3M^/HE M2));&O ZPI;2[-(:^)ZG.H2]]G);-[S4G50%MWA#P]C]YMUI9!L^NVWQ M_4X5K/0,(UWM,'$?8#BL1LD"? <1Z2IAI?X>.I;T-L$Y[KJF59<_MN/OW.]-V MYD5UW0=ES'30-[#4.5R^_UUZ;"J;.2-8ERIX)AO;VNZUTDZF!;3,F=SO3+N9 M,U5G0@**T=PSNV/'\FE+L1'+*

*M[Y2B1UUU\!V6I.Y/1E7.$P3?";YK]\UN=_I0['?";X3?-?T?J?+U[/?4;/U M%QH/$.4CQ3+'5J;W9#FQS[\+KX0VG""7K$!Z MEG)Z>I;\]BPY9? F@IF/>HZAT[#N6P | M\1C=?S6Y&8NT]%!H_(LU(OIHMC!E?6[.-&.LF1-9TW5C-IDKCT-B*/^+^5]? MW(! ('W[]Q9Q>#C>]Z5NZ[BQB.BP!PM(DQ9+7N^08IT>7_-/EEQQX'Q9TXS)>N0H9;SDS>Q/*^&^>^VSYJ.6 M,A+5C0_,GT*HU_AHY##_RXX_&HY7.6/P^\D-I?GB,UA=>>8X ;?-<%<\3SB MKUT'GPP5MGA)7+J_F["E/YG%7A%V(XN_HRA$]$Y 1.,/(I\=R;3M,,37E]:P MG$!>,@=5SDWH_ZF5DP^6& U0-(0MAW4CGD8FZ9?-"CXRVP-!..#Y-836DDV1] ML>;!,LKPB3T8PF:X>\1\!!&U";(?B5FH,YRBU[P3@8I8C!K: (UCLOSAL3\<6,N8(:WIOUBOOIH=<\)OMSG[$?"\|_P X,G\+H@NXA>(/S/7"#UO M_^S_GJ'UN#=M@J!$C BH M83YYYLH_;8]H EOI' R*LX3)+Z;S*JU,RPG@_^-N*9FS&1.87FR6/IEM/)!1 M_V2+:7H>MF^GJE6P]-S-TQ(VTI>E:]NO-^Z+ \+57Q-$G+3>>"#>B 2W6L&K M] 93QI7AN_MO'^E?\KNW PG'@D;WS/27TF\+#-F):V0BU.#^D>LK I!?3AR\=V--]M=1", 7QDL+6\N_;4Q/1 PER38!(*R#:TL>$ M$1C_/5F#[OA(/);=J {[DC)4-+PY_2=U(%TC!LHNM^5+KH-&%BRW-5M2Y%) IA!B!*@@TU B2@@&73EX!&8%L(MBD6.F1/I<6YJR:3 ,$&B>]^20D&G7]+.DBB+ 0?!9LR 0IYAE1@_'U])NME0 MB3,#B0Y#@1EY)%3;MNJ]S,7 M1@ /^ /Z!8C0>Z ^G$@2W,7;G+<8"L9),)8D%GX"2?P7%N"+X7")-QT/9 : M,;3UZ48B4INV[.WJ:H/Y&/H]@:>+/ MMOOB[TT/*&(Y,U"Q< QPW;96S.+YUW(!M')Z OKR975[%YV-W8L1G*_)U<^ MF3-R11[7S.U3TMKZ:!_=S.+K? <6"I9T78GE%)AMN>:*I=5@0OS)EEX^;(UH$Z M7PI EFY^EUJQU$712E8P,)2S#F?4FRHIIXF)"\A]P'< C67FMH^_ &&$OM) M9MM^'Y]EFU#)Q:@X>S;S#Y[YX]1.7R^[&A7!D3>><='E0%S/\375%F8@W?D8 M'8%AMQZ6SWQ" 1DPG=*U#X3U3H'8ZL);'<*&? KE/[1IDR157*)U.,58))P *0TR%Q8!UNK)H8Y16K5X2?:6=.L?"!F(MUJ(;O_/W#WJB0A#W2T)"RZ0*P^54T2W!<$IOJJG)B*QL&&,[+@Z M[7M%#C&WC]WH"&3//1-^>P;*&@P124\'L0["61[J.,4M$)S]K2%3A8^[+)A M84P5TMY"ZSW_1)..ZQ.;JKF[^"7W[&/']BR,Z#UU:, ?.]I)R'!7YR'^[*1N M+!??[A!'5[OC-114WH$0\[LD;$:L-E&2?;AIRR >64I2TQ*"SND=+]^E"4HS_ MM,UF(;OYV-V+JG4?:2"9M9"JJER!JHEUIFO=/'O; M/I1@/0%MM"+],JWMWG3*K4A_"*1_J.X!)50;'S4>X- M!Q+7J3*;/$_Z3S$@88F)X!P*^'_V)I]4D2JFW;*^Z'N!ZL@#.:6(II.AE]V$P@9Z:3] [.^R7FER.:N6>5L^K7+/T($U%*N_F M@7;G\>BINXFP3$;$<83>;L++/33'>2Q1ANJ65K?T'A6'S%M*L8D#1_O*M!D>LY+5%$'XS0T%U<- .:5\/"@R856P$@&!/I.7CVMEMOME9!KWXQOG@A M CU8D4@SIT)!^US=_PD9L)L6_WCLTR5Z7;50T^3ZWO3]!6R#ZA&KUW!/[)_" M.OM;^%ZF^3I\]A:]ZC9;-X]O>Z$_$<5+7LBMVQ#UZ3UMVSU-G40@2NC,W39 M:M!0B[@0GH@ZT]H 2%;XC@[!\LL(E6ZJV.@E@T0 M_$6)I=LH$[%4/N$\AG[/H>,N^83[&="&OQCO/-=*&/]@\@EOO*_[Q4TS[FCK MV=MV:5QYE89^6&(YAY#O^<@7[<#9(#YJQLU]&&EH6^\HW1% M^3+N:/29VWY'(Z5AGY88CEP(*_;*Q.Q5!IZ'D/OWS-#[S][VZD/,C7T%$-O M-T\/]>I%\V5E5FQD+ >.D7;1B5<:3;$R*PY++'O%2+?/2^H>+G>W,CGN64(- M[U="]1H4%-A"0E5!@RN0X*+&T#QSE[;7*1"R5R9'#T-OW M',7MM='DR X*7'IWIG%AN]3.YCP*IYYOAPO*YU%LOM,R*J5^X]4])B9TG8EC_@1P@$^[>P%!0,7F#LK'<9!!%*7.P,&&3> MZ-ZSM\W5YJPO*P7_1 EJQ1A\.(+"?]&K&$N+!"6I?(V!7E6(_V+]RD=T!821U M6BO*XR%,/\]B@0(OO'E-_XE^ Z1{2=Q\EQ**B.]5ML M K0/JXX=X"B/9"-4[EJZS$? 5!/:YS%AV4#M<.MEQ+W,:.WX%)7X%4IL\X6M MK5O9H-;M=5/*8B)O]@&CFO:T XI<.,P=P/3FU-]JD\9_R8.Z0U[QN]14#LET+ MB. [U6;N)T8>#+VUS0*1UB-35!^8$-.?4?K;KPS9NW_>I,-Y[.YC.PB" :.H9 M%WJ&;8Q]+PC.^);/%T9P9\X-^")8N.%4T J=!=(JKM> CRBAF-.WU\ ?(^+ MNQDML%F=.9_[WD]@#:.& I_[OP;M7N=-+H\2448JP\:2.=^^I4/YE+11RN1# MG6=O.]U5-L#]M[!::"+ 19!68V&Z<*U5$8A/.O.QPZ2[B ",LS(6;& (3<$Q*O*_=(.$?>K:#? MW)J^[44:T#NFZN#SIN^;[HW #('4.X)H%-B6#:\7P1*.K>V3D]:Z7IK]CM=V MXP]T!7ML?-" YB/W!\D6]9>N\9]L>&^LO""V_1L>HN+Y*NU#$13-DB9_M/.;(10&MYIN7<.RP&3<@!#XPI M,S "$88.W@#0\QU\!]" E((/\YZZUOO\#H ,&T2!UEYM+ M7S+7"$"(0'!!.:8TK!TW&"G_G@SJ0O75WY*W7IAK*0DK.E8#HO=A6=\S -&@ MMZ'+"%G6GTWR>G135C5]0+_),B+!*-QL'QL M-@V73$+'490 "C/HC,AS=*WC)T0R2QH"#M9_/,RB[<. LF_X2C28E.[=IZ M_4-J',0.C+D3!2LRF3>VVL-M=;B'5]XZ.97N^RAO@VS\^_M4WO*6L:_RA@GN MIZ:\@> [CVXBV-16: [WL0P_R9)O0=%65'IU"A5:K]?2AHULY*1[4-/N&U9L MV-P *[84 &DWEU0UE1V0]MP_T>R#86M]]@%O#N<>+"4=L FSM#H[6%K=T1,3 MANW"N_!^BF=_O9VK?Z"3,+#M@Q#IFY_>M1&WIXA%<.0]9[XV%L)CXGLS=OU-P'3#1.7/O_4U_-9@I:W=G(Q-%^:/,W."DWUM.G?F(L!,9OT48,.7]G!Y M^?GGL#'%N9V9K%RVK+"5IG-V8E#O2K:E\1'HXA>5DA"YH?"'"?@EJ\Q_UZ[IA M>8YC^F>6<#V2&<*]&8%P,<\'_AL(T,M17.,6.;A%$]F7+Z7Q9W MV/3*WTR8B0BPE-?=[YW9[0+5.VL@"8$U]MD'@TR#P8EUOO%NY6A6S8M>_!. M2AQ"V6G#YTIZ,C//TG- C-[. 7)?I>R ;'7 5.$\RV3>)B@=Q+Y9"\KX0B9; MHD0'0P8&@IV9Q$1((@_.2Q,.\-&M<$UX4M,&:]A0HC]$:!^8]P'6PLP.^3KZ MXJ_()FV)="[\<$6:? &M"R4A3B+UQ<=WE]_G!LO3##YQ,1VDYS29 EPK/$V M"!>U,]\[B8UB-8Z\@ K'>P=T[%GJ@8D7^4N_#(R9AQ:00";KH+EH(7W U$9" MR_""X6!E\A\4=0"ZN3%.5:UMO=RO_$.0OT8Q/ -M_#K1-\GV#]\ZKNG?\A[M%RL7#4VY&)"JE.'GAK4TZXU&W3BG+8W3#+C$HMU@RX0NU#%=? A_@;+1L-.-2 M(#*_[0RCO=-9MF#E133.!R4)?SR.JFS^1IM?S;[.6X$X%$)+;.1TUDR";GD MG RIX@7MB .W9A@."P+X=0X+X=Y]- +*S43*,KHU.)ONBLSA;?T#9]X,/"$?K MYGOC_IPO5C?I8-#EF^L66XWFFB/.G-U>P,Q%9X?91L-.O[%J1N=7.+TH>"D. MBS3=:K2SXRFL&Y:>'CJEIH?N]##8;NKMQJ[]:.!+[?@2654?'3O3;VJBXN=XBG5AK*J#Z4*62NK'L>I?6%?"%^177 .:[E%RF M16EWS[A&JT&%0/UA5KH246+1Z0T/.ST,4M<;G55^\2]IBGP<6NE#N8/>PZVP MPQ65_E$HU1H#.&K*R%((^!\I[(3E:]-MK!EK_4\A'-D%U#6.AK%K1# MNIN _^S_!-GZ=\-L5<7XV?]JS:/;.\WWO#F;^WIS#_^&BL!+11-"W6B.K?V'% M,>?'^S3FK8C<[0#FJN-DA=;?9*2 QD*7-Y:Z>,*2N/96I[A"?JW\JUC^K= ML=OHWRJEBO3DG&[+!%YF89TKU'S:!7H52DM0A$=8T_K^Q&YM^&UN'Q8;;=1KM M9V]=; [.)>MQTX+4^K179Q8*AE(27P\6.NKL@TDJY5]F<]9A;5("\V4SX8\18N3+GHI0'[C\:OQ1F7L]]VS$Z67G7(D#T M.CN8HI\8#1MU,G.34\OGOG?CFS-)? ISKHS\^,Q<$H28T_\7*((R>IA"'EK^. M_3NGUZN5X?70.F M'.H%+9F=,.3BX10EZ>=8V5/<^%O$+QM%(1BA8(#"+F- 43K)G]?9T=_GV4N MM+7UG[UM#_LK7C[XD999;DE$'*815+IHKK[I_I#N%7R-0FK%7TFQ9YK@S[']?,0;/3ZPW'.ZLU:HAAZ_\0C^3H93;9HO5K??WE;RZ?'K>3 MA;U,]G^ S?.=XXQ_:F0U7<97A0QQ9P G/,9';C\2SMQ>F[1Q_ M2X6_<"KQ>PSM1:N@SOH1Y20^!\O*5^&$?&*R&72IPW>" MW/ 8? 81EH[L7D]%2+4RU;PIW!]$SPZ">_W?;4^2)NF80(ST=]UY0N"1).E&3Q?9N-J M-680"%P^-<_3EYG^0GWJ).5_--C*8\L_L,1$^^2(D*8@AJPC23%. M%U5- /0<$B0K5GX6^B4M5]83 C @$1/2A<5@']M6>V'P^ MG\2M<(QF'#])7C2U00#ZX^DBG!^KCF'M9F\9/EE\AYX!7.(CD:5#7_Z=W-8$P<+ 8&AOG2B*24 M!#9P#M.7E7CX$DU7P\=@A\ZT>:RL7HDV_"UJ.$M7F81SQHFQ+&NM.[98P!7C M_S 2,>EW"WEL=&]_@IXRM[%+P8H :#66.?T_& YKORA)@%CK'N8!^^U^N.- M90=SQUR\MEUBGO30FI0.E8$[355]_'52.F-O=Y0S4:].^P6&BK_\T&K74WJH2?5:V1_I8,:T/;J8,._H_8M MR>X%$BIJN,VBN![O2,M:T70;J0",L1Q[65GBZKEE-K [U9U0X15C.;)"&_%T M*%GK)77IV9=I\X2GJQ*]*7:4!+W\UE\)O4_OMU#U:,0SNV[/Z>W18Z!^PK"+QVHFO%NC3+G,)]LZK_#Z'T]GO'9W RB\WALO-DX+1UY:-MS0/UN2QZ5$?]PEQ=M>]JK5ZU#:6W![IJU%*VT]^["V5UU;]K5]*%%[MJ&XK, M#W35#M7PM;IJU54KT<*+7;4"G=+WN&H=OFJKQ9\EO&HKK9-7&R67+5K^;3GV MS8%3.]@MFKPY#LE:Q*3^JU#*V(:4YF0Q&.U_GPL6W6IU#UJRLOU[>UF!J?(0 M2X"PIKO EA1 2GR2N(*M?%S! LE'W3CYZ A@A&7+=[HJFN_T6? @WP@ .QW]% M-A-0<,Y.'^Q T9.6_11D1;_[&>E/K?XJ^M,3(();S5W2W-B0?->E?K)& ? MB5ND=F%K[G#T%>67YN0=54NV&EVH*-Q;?&M* 4+$8".8818(3"V: !/FTI'X MWEL*M3_J_ZJKG!@"+'=A+P1E%ET#L8VY'CP0-PD6(KY QS,&Z@[/D*R%85L_ M1D$XBU/0(DSQ&67MC]>PYSNTL^RN",LUP,&(U_O5U:[?U\DY"?1F MIAC#EJ<9G9HHK0?%NXX23.(Q4GN:*_XO9%K82[G"6'?8$@UXF7-SRB^VY.2# MTJ:1_EZ4K6(2L,U$!>ST/>W/C7#'MEB?3=K*RB9M9623IH:L&=K[M*1_K5/-MCCQWF.USASD\]YBGQ/:!A11/BWA-&=+XJZ7=*F]Y4'XB[<1S'$+ <@.O)EAL> M4Q#-@8G&I[Z4MEDSHKDET_R$80'914$@FP=PWKBV*9R2JU&1[1+$O?&'1(I-_M<1N)7-@%X M93#Y&)8(I#Q2\29RV&X]]L"]$AV(A'U:V_=UU;I+H"%? M"&CDZ^0O^J3"'+(JIH-YZ],6>4%*GW\SQAC&@@R M9?M:?WK<4 ,{<(YN!F2RIL1J.#'#!#SS*.6V8E&CCN2+*5CXB,"<)AR0XG./,/[Q5_ 3Y@24!1^W;#D?AW%YV?N/W]Y_ M.E=%92_YQ25OCG*>;C\3:S&8))RF3LSSMFS>@SO8,:S98Y*)]V!& G/2B96_M*"\7]XHY3@ T/8;E.6*/!>^IQ) 2OZW"!9YB? X3XI4$TP@*AT*8F1I@ZCJ!W,)+G@T*,S8%-E@8N@2;1V,FK"1I)-?*HR3&))<23 M8@PD(;5EVDDQGKI %S?HB5//I'&42DYM6G$#7I-F_TV0HBLX..'? 8N4!N\]0 ML2DYD FSP6IUC;Q?3 =&6NNIH"J3TEBP+H(U-UH<'Z&^RP:.WUQO!5VQFM/G9 M%0YXN7F)9*HI8^>P13% <%_0B1O<_^.D+;_VVKG%EMMNPNUEMX.Z# O:99^?9 MVU4B6.EP ^>HE7N@/KM2^+1X69-,<>+ D\S0",.L9O',VH'WJ7L,3-?"@B : M-2U"L%\S>]I(OO):R$;KK@X-XB9L_8ZW.O$1X\:.2[F!G'G0MF+BGD*U;?L MZ(3?D#BT[955Z\CT,+2[68[RXL2U-9GE,'-%D-_5N,1$!QG%8%4$/ M'%;J2\4"=*:%P1V%;R*X5IX/_XS@9SXU6O3E,:+)LBBY6G&IQ>TDXG!B;R3, MP1>2(>!6$<@EL1Z0-3 #\P8_F9I_FIX%AH?2[\92B*49F51X8W.'!\ (7Q%QK-M!?6Q*-)C+]4TMJ6,:$F33P1S#,*ODU\|SPJN/=''Z=1%D6(F9/8-G@'N6Y4 M(55<8'O4J0$K,\[C"ZB,RHOOYPE,B00BA;>C8@& 60A95XF-#]% JA/%3GHRB@?^_L/EW&!5'@6F'VDK OKGU?!+[M0$@CF^$1D$B#N-LIS!<=8-1$R$\]3AM?&-L4UD-32*E/&8MX;/<%2^B&S' M.+? 0O@M"GP*X\$#DA_$"<#M:C=1(Z%TP;8<-1E)I<24M8<+2%XUM8-X@>K% M5Z8/GV:]%-=S3L_*]S;K!L5F? #C?;%S/9'>!=UFW8,.)Y(4QB6SSRG3M^/HE M2));&O ZPI;2[-(:^)ZG.H2]]G);-[S4G50%MWA#P]C

<5TM,,-$ D7SJ7!X.$VX%([UWS,;Z9T.Q^L7 MYGB4\HB^&[1OX&?2,QY?S1U.8\5#DI-YD;76.)H"HX&5?QYGB2!.Z[4(0PZ\
M_AMT27@0NP\I+3ES/P8'Y)8E6M9P/6ME-]U,0I8EQ[G0;QECX1518]'D $T^ M615':F3V3II58.\AUS,F, *ZA!E;#U$4>;C5&[\BB6-
$094'@8^#L1T*ZWN>DJ_";< N6AI*QCV7Z6@8#BWQ1+%=KA_FZHUXKI^QLL MP<7P*[T)/M@8D^@VN*_U82[D/2TWS]\1$C!0=TVEM M&Z-
]R5$GZ"'++B*7Z#7]T7'D=M5OT HW;,R2UEV3Z+_L$7K(6S25'ERTU5+Q]VDY+F&R>\AHXH&H>G'@Z7]I?#AJA8';-GQ8!&^ MY$'HU(2;-
A8^=:'&%:@TR.4=6F'2O/L8EP%Z^SH./7F^N0XP#!]%;MPX)U$S M.'D2=Y4E%X[Y;[$] 7C..5R3X-?B(56T'U:XGP9Q_XAG(6T(EC_K,'J0YN%
M4LX^V)C8BE+.6A8Y57W!P(6]5P!+*8W*2ZB; M(.A+3>H2T.5K7O_PE9#MB\L.OF(V('S RC.G7EM:/$UE+K\NT)_B_E@ZC?C: M#D%.CS?
RU'6I]=^20/VE2\5-DJ#U:IU[%@>%%O/L[5&ETU34VXFBU@-W -0Q5$C,D< M;T(9D^8/1XAFY!BWP,FQOCZVFEDZ5
M5!T@T"P6XR@DRRF(W82$^\R8XZ10,1RL.IOI5]" M+DHV[Y OF3LFABQ_DNH/,D<#U]4,<=X8$LP(FW^+$?_=N$S[;&Y1='8K
M+4VMJTQL8QW7^P/4,#B-?P$]6Z!I?+*5_#U]=ZX?MZ;/:IY2)5%O%5/3F2 =
M!I%_:]]B10+EL.%UX>@.K%!@EF[P4A:!C3(*O^@^8NF'CZJM*G$K>7[8)S&% M,4"&'Z+ G0!UXQW46!3/R,DDBNNH5KP[XA8 M/KHW#A5:P?
_^;5(G$,ZOQC>VAVL\^& Y8#1KV8G?7U..EDY$7JCJM(\X%'GN ME[M#N=$\L]@;_6K'6;3U&\YE-/K!_$[;LN'RB.5&3C7CXINAPS2D#*ZA+>
MDM\NWAD7-@KB;_;/ 'Y!!M8+;#Z0Y SC\"JC3_^M6I] MM5;W.?2!^/C#@VSVI73U?H/[?GUGSK\GXQ<_@';. :3Z8Q@!O,;0UA$DDC]S MOS+<('@'.!
[0Z,NDS,:@!M^M9C>AIIV8*5D G),'$5+LGYN"U9\8#>QI;32GHEN@JW MFCN_,S%&^=VCPIXK3/_.#)=UGKWMK&9(O"XZSTTM6V49
@@E8MG);+.#>%A$ MD=&=GH)!MDITP7!/\22O?N.P4\4:BBVFVCF]+IN?O/&/J6!G)O 68I]HH+\HJ
MZ'/A>S"ML6!.>60706P*2#,$&$36_&/VKR1N^C=+PM?D(GO3YA#E!)0M;/%G MV8R:)75Y*9;_>)0PX4K/\)BN^W?QTPQ2A4RZKY5\N4J"+8QOWR^-
<^L6P[X6 MZ6_ 6FI2#LGYPD_B.9H!%>6YENFJK.=DNL#%Q(UN>>GOQ1>-$G;X&0NL?>,J M\L?D$OF*5EOL(%[>1C7 4H#QX]S=-?XC>^X;EO\#^3&
<$'?7LZ*Q#%BK$N/\ ML93.%>ZX&%93&4GZM4A0_$(V0$_FRMEB]75]$ M'0Y=.4F7['V!$0H+=.?^,&9,K+C2KJT:9^<,[Q_PE5]:.%G)D:O:O6:>#0\
M!LU8R$CK4E%Y4CH MB24C,39E\1+[Y;C;(M5%Q;DD28*+^ EBG3B+3\[&A95V0$FFE!B[XJDC3F_ M8X,-
:LER5%PF9N*NVQYQ($;_46P0.>AD(B@<"0P4FQHB>:,#E.> ^O$FDH@F0 MF;4$4 ,Q+8*LKH4U+IMD!CP2CBUNA6:V60FR6LI;DK GE;&BN:3=L[BS--
U- M,^MJDI*T-*0!H%\VA9+#,J:9+)0';MK;\5 +0.G.)]D_&+7&G]D3D*DK;9Y/ MBW6OQ^]*0:C*[=3[-0*5";2K,'*^R_DZ'(V:LF]0&=-'[1X^PY?A-O 1=_\76
MWS<+0^EW ;,|>3] 7 '+\V:8D1BC::0+D=-9#3H0#&DRH4>X4IS!.98EF%;2 MT!IN43(O%8 0/^<8RH>KJ:0H0YLIU3O&#($_^K6#8[3$9_TU69L$NU
]HR2N M=H9-W>=Y<[M?>2-B.A0)06O30KNG$I2<-FR?W.4C]4<5(G6G*Y^2%3U6UOX.:@F)_(WT1AB545FTP-?]<*EMO7K+G*6U#
UGHRUV!Y,,ZG;D(D0 M]2[FM!;,@OA)/X*U%O3E;ZCSSU)"/IOPLFC\]>=H8>X3G'BX@!-Q99X7 M"#@;=/[BX<-^#DP !HTO77@/ZE?
G!+7T'GWLP,0_X9LR2:KU[.T@HY::91[[MBB@_3-/,D+1&J$JRYV*5,%1=*# BUDD3_)CX,B!7PB*>U*YP9*NOT&'"9L;J7LI1S M[5Y;$61*9!%6I>?
_@+$E;5"02^'X[F@NK\Q6F3)F! 1@4I.DFCC0%[]1J$C# M+'3"M89UR6NT=[*CB]6_X,=;UQ2EZR?MM@-/ PMZ]7;4IRW;/U4RZ]0Y/(U MN:N<())'Y@-
,LC)678\G,QW66C,"[V02NG,D85L+ (]B&YGPJR[+0=:."5 MV5#\'*$[@68IRQR&3S)*K[!JS->PK53D4%]QH!3U"+X;2RKY2.5:$\X!A25EN M1O-
0"1%\F:6#]Y+WL6FC4^LTO $/464^"+CO/$!\2G,CNG=E/F(NRP+OCS> M-38J[-D(+C,I"]EE4CD73@?VQ'J&P$M?PCQ'5\82,&8@W5]9$\B57TD[B5Q0
MC8)795/OW5WN=R\;9 U#*6MEN;[D$2]ZYM#3N0.5])><1?2+L(B2ITE?LU+\ M#I3B$M00Y^F&FNH>9*N%:S6\=/BDEKZ#9VJ4.-
HBBV;8O8$M(M!T:K5R:^50 MVA'ZK$NA'N9XB-&8XRNOT#FM/W U&D=@,B$JR;P2 Q#[!X^W5%KAUEJADD>I
MBU)4(UQ#'LGBN55A0/1XY1J%,"U!U)-),L ,.*"#:8KW1N0]1C:M/V$-T3BP M%H^H'5Y'QDMZTYI:.BJ4*,'7S5' U7AW/<1I8F8 M\=%SRG\S01'P%T8FXK-
I>7,%$!$W_D%@OIB^+\ZOW^G" MLYA$G"BM61@$JN1-)O"K6\\/HA3RWLPB!-W;=3D[Z8>97&>9"48! _HN?HO*WDX-$9=''T7IL&M+U
M"&M_B66J=$Y&+=$ Q)($.G@ &^;%KZP9-F5U+;,# ^T<:D)XP+ M?4#?^T/0Z MM37+8&F+()GU&35*X%P?N'%3>MAT4POEYZD*T](''63*L-
K%]3E^\]0@??F:M M>;Y]0\5&,VPDA6NA'JGR.??K= 1.IHBO3 Q/DM,8*0$]WMQHCCPP-+ R.5S? M?[/=
[Z<4!+DTOHA"YJ/'VL%W^3(XCB\$>W!%J8JK1616Y%OF0I.V3;W3G&JE M'4M?Q**#WKH'RP9E]MIE&1"P M%&!+6R\7&S>ULM>[=-1T_H+;I?
LBQ13Q-FD'[L\06657;)+]LUXQXV'EM M,>O19L17T>C %@-G-1'C&MGM7'O9[5QIV>T<4_&,GBPW1H+T]#E4NJR];/
M23:YP%P/EI(.MV>\I2SXB9Z>B(713,C$;5R/!F$F4X*^<+R[U^75 MQ+,/[5IL!/"83.[M_>N.G'^8I9F+,?617_S79EZ(N9_4"_J?_WAEOCUJN54" MWA-
,V8J>RS+/I+>]COZZE41XRNF0W?QTR_+"LO_LB#F499//E\!-C5;=2$1'-MG ;T(6G"3LX=L* 6F-X#,B3AQ^\51)9$9HKK@Q(L]=)X]I-WX,4?]>NZ87F.
M@\C5<"4E7'DB8& E\@;+0KF795E1?CPH@7R\QY.-2^,_?_AO%DSM"\HVH01 M'"W.9;M6A*%& ^9PJ&D8TCO+(X]R^+[@)6S<\3KN4"8
314&JM*';HE:M-C7 M!KLV$HQU'(,,8-O6!"4RV?JX)"22B3SJ0.M*RTY2<3;']@LS>XSOO*%*9/"E MHSD]G5[CE!HQ:OMC'Y1-':-% 6IDS4 >Z2)V?
02]L<,M(L:H8G,@0VQOPJ56 M%C6%H,PJU\0$'6/D6>SL)X+C?\F)4)"#&XI(:9@Q"^TQ%(7:H/PN'=" KYH! M# H$!H8)2J&7ZDMQ X_7C=]AJP@U %-
'/(=C.12M0%'_SA,X6@S++74,_CA! MY/'5Y%GE<+%RG?QV"LHD?P>T$_"ILFT9613187R"LT#_G80\DXA$Y[>RA[K>
MBL1S59""/"9VF!3C,_2H6'ZI=G!8PY]$8+3?X65)X&ODOO3;?>/S^?^3&#$,_MC(#1X(";'-#KY2])*6.O/8$5V4F3FS@CX]^EHR"(#PO;8]=U^!"LE7#,D8>J
MG(I)PXJJ.1I21O)*:FBU?!(4N">-KZY^IR\2,6Z#%&$6V8U')0APEPJT@B%U--F"(31'>UX^?4U2G.>=5 M,!)?
F<*Q4$("PT<2^@)NF)R,4G\I3DE!1LF<;&K,@O$/S, 2^AML-P8#F=D_M2:65J9.!N.$0[JE)\HLTW=LNAWSH@F@PR @%=./AWUB2E\("P#T=22C.&F)1
M8=4K#9!6)<]K"L?J&U;U73 NE#S4Q(F9AA+A6ATPA!1B>8SR&M]($"2PBH[M=%0:T9OCK,\R\HX^Y5SXX>Q%?
#1]EQ")KJ,93'%11H=P02#V:X2,/2YT%$U! M!A:,M4&[JZY)9NLLDB^FS+"#W_>Z@W6_EUB2W5JW/8QE[;Z7_I=G=JP47@,
MV5=-26!*_VOV^S64Q,WF+[7U;U6I%ZG'>S@T/MY.'M]^29B?FN2O2M8_A?.0 M"2B51$?)TM)JRE#0/]ID%O ODO[T2KP@>!^!(5)2"4,$32;
(G0]"TZ%^)/E3 M2MLF\E7'YX(%[!]{3)B!4[WQ4!*3K:"4@?=??[V.D8>/>D-Q)NP!];-?GK4 MQ##!@6\N?-,;U-
N_:'U^\UZ9^W/^=KVAO7F+_O=VGZKWBH\A+RTEI"W+G.B M9*0<]-KM<$D48X"I(+:1,"U*&5A*4YF/>\5/THKZ8B;!>K,O%$5F%*&JJZTF5+1
M)>5I)E#![Q1Q_Q)-Q$NV8[!=7QYI#C0REDQC,;S6B9-=;C%0RVYR,L MZ[^G @R,.'T6\[6F7L04],[T87TA&CA?I[:7PCR-
OS/>XS/_I&/$:7Z[TW2[MIPCG=UDR@0E. @% MP?M<+^"O&;?PH#RO"SXY*J_H#M,XL/S5%?WT H9.+"/7,M;NV$HO4[_3O=#F M6J?
EUBIK*8C.=GDB)2B=+:,KE<2/QFG#H$TZ?W-JUI(AL9@(NN B6&KG]_ M!V".*8GJAII-,D]6' =%M,9!?PN5L=5O[*DPMK]%1UB6/'AA6Z3MM3;IBID2
MAI4H3)I=[3,D4V30G&5<)> 2Z-BS S^;R^K]A"YLO+@9RFR+E='!#G)ZG4Q, M@$9Y]B>GV('!&_J1=/YK^_A"8J.]5$SYN/=IZVC*>_:B^;+ 1>NLOV?
412%% MZ/WB,VHU]RF@*7E";NIN]!LUUDZA,]"7SU^@N]G5FZ&2;*;L0W7A90:8DV MA^MRAG>;X A#HP=)"\;/)O_B%6(H^1G;KF
I1LR3CQ\T'^.G,YTY-,I,J5 M"E>N;!'(8IR@G4/_^K,F*,"N:=FP%E2("#(.&^2E#:7GK?N\]O,DU*A*6; MILOWKC(Y]\/1LWFV33.O\KKN-
Z_K\NB4L)*IQ2P[B41:"!SE')]3%31N5 \Z9877 M4"$[KB&3.25&X^BL-4.6K('N!IN%? /-3FM/HZ/9*^P-S?(--&4H:+A-).DY
M>@GQUYV#!8YP"&'ZA)IB@XQ+@%[WZH-_]1=;>X /2\.BF_'ST ?TF=O!9 MK*(HU!65IR#!5FKKW]JM-UNIM^IU$*DWEQ6JM,.3/^9]6N?L,_H6'15
((1S?8+X?.&C/25(K1\VZCD?1&P>L&.L\03:"GW3J@VXC MF[S;S:6+!2+D\0+A;S1%74[H/]?,9XU..%[/%)O^XMWS!AQ(@M5>-M]C!.I)_",E-
=0\\HZPQ;L29]>^K&IQC.W1*C4%?DG=0WM'KT4,)QZXX M&+VI4;H7(;3 E8_&#,?PO-\;L%MCN7]9"YE3S,F,TWJDR"@RJ$?642?#FZ
M(EB9!)5)4,@DR,&?BE,&D5$>GYL5-!L^28\M)#X_(NBHESW](D0EP=@&]+-66551&T:)3^
MF6?/%EIO>P,MJ8YXWMS"4MLAYR1MI^V;\'>89(LUYA=M;$RJA,0F3V/91%(T MD5A<:
[?]^.RE4I8J9:E2EBIEZ4DJ2U_U="RRW(^;!+PZ'Y;=S;7)5&EQFC$& M>3&WD.1YK^_LF=:?,Z7N >2^')23]G=(WM)33*CB4G57U&%9![_M5\
MLM*,"2M?>PREABOFA;ZH%)@.#BJ6!0EWZ_>CBJ%),*L5DG6+B(X<6[AA1%+9F MWD-5/Z45UV,G>OO&-6+O/.:Z8:8K<$_.;NG5P8)S,>9E
FX(LEC:^^@%FX 1:1A"F$"(DL*_:Q^L_@U7KQ? C^7*NPI[7W'Z M$)6#4^T%B124&U%0KF+5RK1\@/O;,4D.?G'T>UMQ\(J#/^[4G"M$+*.\R@GA
MBH"\00WZIRA!)Z&D;,#$L!&3B6QQ@>H^>IJQUSU*/P5++[CPI(;8)HXML1@0 MKP'AL.3JT%9I->K#7PIF;-4-1)!6C4.-+(U$M5@M!)Y>+M?
4:I6KFTWK5FM# M!2Z^SQY#2H*. TEV\E.[&DFGQER.QFJ145C-+D9E,H]D1@U!(*'?-/X1I59 M'V1SL8"+Z01#!"5UF 'CV1-*C-
"]TLM,&S5<$$:6ZO4&3$AK/;-Y4\SU"U[O M=BAR5LWNWI7*K:ZDLX)>APV'VAV4]U -))PQBU2O+C/"QG0R38;F)&UWA$?A MBN1KJ?-
FD<1N9I)M+UP'4A2SAL,2:#9*WH,8 YB60V&72$"U3DI_1S;.O" MP/&5LZ!R%E2]YM-4-75GP:YL3,HH8FA;*%>$+DCY>G&\(

_7=C*2>0@?+_M MP@]#SP_@J;$981,*F2¥FP0"XZ]0GQ,&>(9X_XYRQ.SN<&KX(L(6%:E3R'KME MN_M"/^F_"0PO+A&!/^A1=RPHU)CU:W-D.W:XP,%F0H0PB4!;I#>"XZ17!W7C M@SV9"%_ :#CG\$X(V2>']D\U:,$7C>'W2$4F]]F K^%%!/]IQ-[;NG%]+4]N MA3"VCM_6C$SXAY]1 Z)4H\%6]V - RP[&41!0[Q%SY-W"QW#'X5=XA*W&&YA1 MY,"A>1-#%@?!+^F{YAM*.O2%/+62MP5:\>MKO7Z>^L[.(5YX,;/YHZW M(#+&YCS4;8>[TN0WYN$? FD'@86(GO)KNZ-CQ\-H#&031? Z/ 5G_8""8?D3G M'=3TMD"AF-$)/F_54L-2CYAD.7 4#MQ\^U88(S@R&)&H\,87S'[<<>.%G%[* MPS7Y+7)Y2$Z^L&>CR _H@9477/C$++*X<$T:[L/V$;[PS_1'P>"#<]R;0]#\] MY%B7P"4L?#&]Z^3H2^_9UEWIG7?,UE&'):KF@:E]\(!4U<^^>ZL7%H=TQ U(MHM35+0U19O?]<>G>VK[GX@I@YI_-4ZA40)8IYXM!/+O.J6,++=7!2"TC9Y*3 MR;U-DO53N-X>R\/7)#'Q5[!G9FGF8DQ!- O_/L_^RNZ+7'4_,9L\RQYUAOV,. MFIU>;S@>6*U10PQ;_S<8/'O[Q0/6]?L_7IEO-VSLO9Y^HG5J*MY%K#!>A_ ! M,P&X@!4%'(P"ENUG;Z^ $1J7H%G"%K,@:1Z=',">DYUS 8;&TGR<_5YRAGL= MC0+Q5X02X^,MTFE9IIO/;*M;=+!;..Q(/OKMZ!>GXJ,5'UW'1\EV#Q)N)8A; M;?;')>]? K+_BFP+'4]HC[\WY$8JA]]$X$7^6)2&V69-?AVD]_KYV@HV:%= MGK7D6+MF,%7N1,N8^-Y,.0;1BKLS S#CFH/];-WGG4Z[Z CMNO%]FKAVR,9K M] [LTHSRW3.+1]!-GU_/6<,!&'UFV=Y[_ W\QEB1'=NI@K?&(3@ T5<8P:[\> M19K;I,.SQ,5Z+G%ANI\"+6[WAAR9RR],)@]K2+N6E;RC,1:&;\./)]LF^#0*B5-VOD/G9#5[?E,,/LI>(*8$3V M'BNS?&XN6+0D;S''8S\2V@3H/3 5:M54VPM"<(?X<_Y5B]T!,_059^'PM&A: M7:,T^F#V/=&\]]P9.C#^ZZ=W-1!A[R$404I-Q*X=@DDV<>T'HB]#V533 %1-T MZJOMEBX)I.R16.I?_KS7+7'/[J+\4BHRZ_GE$1ECA$X_%+"3>*)F/%'FCOU. M:T_NV.OT#L$=ASUV379_J65S2<=S;\Y" 7H#Q11B!)B^++T57(RJ*H+(J-%D4<#7R)4COA-#:*M1FP*)BG-_X!OYN#QCXU ME2X ;ZI 3E@W^BCMU#:V\3N4D\'4^""4\^QT"7,JH3B5J;QO%%O=%)OUD:C M(6/A&/46'7E1Y"IPA\#^A5]S=_F1OK6A0%!MY&!=/L6!##K,_^[>NR"V*D= M!!&%+SBL@'N(0[8:I;.:!%S_(5KQ MH^%@!7%,TR>6!H8]Z2;;-_$;;=_M%E=G@:I!^0&O:;]P@C>]ASJ>O?Z@5!H:R2/F"/A#%.8_LM)&]4BZ6;N9W@[] M_T]]-9LYZ&]G(Z"E'Y2F!";]VG3NS$6 R2>Z"@7;TM(>+B^?%_GV'R/_U=NL M%Q]-93'C2"7I$Z1YT[53Q(@A.+X/0'VAP^HGD)4 8QQ-\3O3MY315#>^(O80 M_)\;@5@8F8$-)$RVC;0T%L+TF43-L51Q?2&U8[X8H.%$8Y&=X8#$OZ3:MMLE M-P)@1WZ+8*9*C^/]>.?!MN&N?0"-?DRI.O /M@Z,<^%[,-6QU.-O!0AI8#R",HP/_-S-%)L596Z+]&"<=C4#@; MW@+*H3%WH@_51.;T^ , ^@,_Q/*3!)GX]"PZ9'FH$%"!FA1/HRS%9!N)CDRC$ MG*74>Y-9@DP)HM&?6@H2YJB@X:-0K6A'V C?N)%T9Y.?:8L&8\L2R:2 P8)% MS8^#564)#&\#^Q.WI@S_;K."<_^DQGJF'>\2+FMH!?#_SS+GBPPD Z[X5JD M88^1&SMR0>GCLG%A^*3KHK&,:PSI$<_[9O1P8)P6;/M8'(I+W!8V@U0 MVC'GJ^C6R'7A.VA-^6R$ MHT#%OUUSQK?1%W!NE<%3&3R5P5,9/.)E/9,(@KARO"B M$%0)EP0VYWL2J2\S3I-$:9X["I,_ 421]DU3)9XAP]1>1Z\?>;[OW:%UQ^FM M:@PRI? (G49Z85*YV=P[RUS$ZNG:G!%VLL2&\&*D\PB?^,3?1S 39?>.;,[G\ MNZD[GJ8>1YE/@@=^$0A0H86U.@C;@*0J>/S?:,ZV\,P$-3F:&>8-[.8-"K4) MZ91T+'E)5$?-&K$@F)<]H=&E%.74QM_9H#2.!-8T6*A=CR-09F>HF*&_M-%#NV3_JU_75A^%W/T!!1:46G:ZW>#IS\XZ'O?MH./$T8EM?!8GRIA&[G6\$ MZ)&4]JAR4D%M @-=P(B7%&#X,W+'2@:[A1WRC7$9"*37X$%.!.0%S=V$$JS(U Z!%(!R97K M,V">$]M1.;FX]]V8GDXM$_&0$P6.91H8MJW8 &191B%H*/_G4%)\A<5 ,%D M:L8H"D$RA(9CSVRV]%3QH$2-"-Q/A0'Q$D(DFVC@+Q.9NUM67^75L] MC1I59H EAT>@PL)HS2QO/"D8RE.:_6OXB?3#),]1DKFP*6J(L_ '"(WY#7X$ MW/UFJK@.'+W*P<;S\&$GI&>FEG7RFNT+E*G%)SD]VL?9<(A2\B]8,9PH):./ MA;S:N+VTCL0-; DTE4%TP5V8^V!V S4!(!DJFZ\WL,0TGUP8? M<5U3*E.=6O5ZE%E;PQ(AUXWK""Y:,BV*R..U3L"-PAX&Y9:,3M6DW/P UW6 MK\KDC*W\%L$$FHU1]ZRI*4#7R8P^_I09 >=C$M?-81OT"^0L,XKSP75RT'N" M\R!7L90CZ4/4CU]SO .EDGG+K(2WI)5'P7KAH&>$6#PZYS0:C//VB3AY@V$, M?"TR.?W%9;^VV2(^X"P(5E95%996QH:[$P0L,F5N!F\M^S%-XO?"(A]GN7"W MD%Z6R9.XH.D$'GZ+0VFBE).4C%7)59CR9NNS5.#S,P_T<@VB(X+S!.;!&D M!4"ZDA!Y";D*X>8!N0%5C=>F]]".X/U4VR+YT9*SIL8#Y^H5Y%3!;5.9'7KN MBKJ6#%X?Z\FDZF""A.URO >UKV@RL6&- [!2:1'CQ(SVMAVH&Y5E)L%_R)<8A M^1-0*X!GB_4G#$<'%Y"OJ5*."1$1<1PN"R65XP9YAB*M;(5W!K>!3L4_\RET M2? 730F8;9TP7!M494FMBV.60&;,*,%'Y,%81F?- O%9_O+'L -CNXK7MTH[1 M0V_2J2P8AED&2D(/!7^=1&CJ#8[22, F^6;Y=1V^>K7Z>;M=[_>:F5\UZMF? MYPW5[-<;P\ZFH3+0 -06N)XKBDRD46]WNP\X]0>>5*M7[W;6OWP#/E=!]/*C MUNYGE^T76Q3'88^TK)7L+VYQ0OOSE.W"8+9:6<1'6;, &;/'3Y]=/R(BWW*9'MN0%?H]#QO!^]Y3_ZK@5;>5>,%5+FE?JU"GCMT^2@'"*;'9O(YWC9>G;4.QEWN MK:/!8]GI=Z;9W(?HJGV4D%4W?WX73; <:'GY7;;;.&9P\NN]6-OF+2D;(9R? MM>^1>VV#LO^X]O/=NW=GAR"=)[!5A^!!IZ9S982C8@9$WQU"LSHA&K@X =WI MA+83N$\9^HZ=P$Y=4:KY;0; [*3<2(&;*1#=+1$!HJE2J2MN.B.3EE5_RWFN]5 MBP>PJ_7JC.H0P)*I&9/(IX!.WCB9804CO/.P6C&>JL_Q*.HT)BKL*O+,I6'B MUO:BP%DD;^"? M=6#38IDBY$?819$;Z@*UVQZDR5FY/1W9;B"PR:PF[<<5U,Y MNSC/)Z]{)6V9S(C.@$2= 00IWG#R$_17"(#:DGG'CL)>)IS23\X>0K9;8$6 M6#K*86ED3b:V/]N:8LS0N&CE1YCP>V!#V^TB[OPERFL+TD/R3R23=!+UO27T,B6#82 EWF,=5R! M^GT@=YVX+TQEXMC*:0I##O9D?1+: <]!%0*XULBVY*A^Q.;DNFS MH.]3@K&N*L_B.CDIKDTL7L)@FFM)H>>!$")Q@.B!!%I*4M"+9V6,;:%J/S'L M'3#;A#^]'R*- <SV2R_A]X3@JJ2E7KITJ?//\&C)&_5<\[C+6DC%)VE4B;'9=! M5KD9U_Y;$IB(# XND%7^%7ZHKA:$,W%,>Q;01,D&Y&GYFGS##>'PI3&/X-.Q MLV!]>XU5O&[XAD1?:<)/'?25_A?W_ ^2.7-+* ME!?H&]R TOC0LCU/7[PP5LGW.,;>"1QCIXZ>[M#W9!SR"@68A:=6\C-"^^7C MK>E$,01>0G%Y2RKWBK02UO\O,-Z#WCL!202,G>[35S0D)+P>?Y<$)=1W5$(K M>%-$=J*%E6S26-^D>;Q)I&)9"&G!0ABK_.CV3;/FETT:&B M_T0>H!-'_CE'2Q1S_D#54!9O+!8TH49KA*G+++@*REZP(2L7M)BI@=ZC>504I@$)<<:#,,%.!3F] $WY!P*(H'FV_$ M_YL/=DJ M:R*5- =!.5YHH(E*'ST]7:5$!FA2 .O_VW:B\U(!"L_G&^/K]GQ^_&9=?+KY^M^WS^_?+KEYU5EV;K!%279MWX1$;W56)TEYR]5UDC!T9J!L/G4*..6LD6UY M<7<-+RY7[G.*.Y_7R=1'/"5T[94XC7MKI57IB+'V&F?QYD^C;)A #E(5Q6/\^Y+P'K_3'L8C&?Z!ZD.#@Q4C1:=>,/ET$KR:R\M-F5GN8\,.KCD^/V# <\;E0G&2-"OAJ,A.(E I#82L3KW9;A*&VI0#&4J%["J76_W2S>I9KTYR/(J MB)/IU@?=8=DFU;_WFNLGM:$,?;N"Y-U^=4^H8@_ICAAN$@W- +AK.Y&M<,O'O M$W?JQ/;GNXR M51V;NIU[0R1I%=N]AI&QASY.OU2;2*9?ZTTV)&M!:J$5-[9=[V&@=?8^DM*1 M]?-]3F'KW:^HK6(&C^YXG@ SV)4"^T5/Y#CK;=4Z@_XQ@$*/NF]E(2ZC/QS M+VUF&W#'=>23L8,GPL":M4:O66NWV@596#;-W!L+6W- >Q]*Z8A[>WTF:XGE MIK=AI[YJG2RM5U]I[Y@0],W$TF%2:Y%J+%SY:"JS M['&9996/IC345CA_/$V &C]Y'L[=. (Q4ZF0OW\/!=1CF7G;_V+USSC)1PU/FDGL]OW6KES96!_/39\@?7[?Z M\R7IV6[6NX>O-NC5E_,4,@NX';=R^CS\)3H +'!CP M)R \I;WJ21_I.,7*=TX;1(8Q14@)(YAR17^<2CGG?#[C!6;Y]?Z*[",]WY)_ M1#]>4<9@S:#]<>/&OL6R%D:,4+4Q.!O<0E#?GP\;*D]PY>T2AMAVC:_CT$.% MGF)"&[),&5N\)QR@^?P)3^.31::#G%0 MXTU(_?1YJ]8:]N,9PE3>>:9O86.)J>=+[";$%Y. P>:M:3M4C\.P'&KB*NC, M*$*^#- O)ZFSAGI%#%BY4E+$4R&L%E]PL9P7]P9]#NB-3=RNY\U:MQ'OL]!% M*4'0D^_@,4>T\D;R# [,N8 -M9 D^W-Y7GG+2F% $)Z61FE\!OAFA.AE3!/? MM&*804-0MQPIF"(R*E4*(MX64A3^%]$4QV.0<@F '4*M&,W&]'O6-*)XLH6P M548.EF81\!TV#I&8T_!O-S 5[ITW%ZX"\]1IUW2M5PB1,1X+!S'\8- HKU\N\ M\86"TM(P!>D!:#JHO8E(!QZW RR>)! NPHJU)>"HJEG,YWUU8EAYML\)K>Q] MC39_AOAU"'<3\]64T&GP3P+1#HF:F4'|'18L/M!!:FLZ -P*0&I-P@)*E+!9 MC#+,_^X;0XK;EX!+Y]]DWT:,%8)[<:48_!_@)5N\AFJGAQBGHLB,(\R7YBU0K9ARK[2$CPNB8"Z);^99!/U)1X]-I6R7IJ;#R2FHYSD" MR^(28&=7I6@^U,93!TKI+"5P[P:4TNJ4!"@%]F%\!GN+V)*O&=UQ\>;HU:,; MBM=[=6"U4WL$G&>O&N""+70=#NO]1K]HG6NS5>^V>P^DK)!VVS M&Y-J!B4='64C=3,$4]N:HT]00F],PW >O'[UZN[NK@[SK-]XMZ_.03X UPU> M"'>O&]%\AYO:K3FO0? 63;38;G5YWV.HTALWAL/,JG+4ZK69CT+/;_R=^=LYZ-M]6DX>_:V4T]!K'M_=W\B=UU%F#:R:8WQO5X*F9F3)!/D!&]/__TY!A1!B&\-YVQ;+MC?++='QB) M/119G-J=0;+X\/&BX@^N\0$[,=CW0A6G=H&0*CZ=OZN8!9"",1).Q2:.(*Z^_M?:S8A&M<,'9ID@>ZATD>Z)4"'+IS=;Z7N8VN>7_[ZY? S[']\^7F^358HK/A(=76F^-$*WU].7=NGXA0]\(Q1V[,M-68L6 MYN:1V\1*=8W$'I>"&C5S#!-]*B,Q-9V)2OBC'94_P#0J$;F8I(3C)1F(6R7N MRBT^A2R-SJ ^;!3#V-YC]'TUA,*Y\]>F862&)+.4K"49U>0L\%*4(#QF#? + M-O/&G,C>X4 F2K_H5\$KXU_"-7ZUS;$W4LH#&(,Y=3B-XL6WQ]L:4(;%/F;B MX]B%PQ"4^/W21_6_R5@=["V;:SLP2SJ@_]<]F7QI=_)G-ZU%3D6V<075SZ8 MU/8<]F]E)U]6:DAISNG)JB'Q.-/"-XU/=>-Z&CGAWY4N4NDBJ5TX, (4\-0FP MJH:H'N'.OL+TJ6DDFC]'X^Q*!!+./.EZ8H?NBIFR_-']_+]T:]&GK6_TS# MF?/V_P=02P,$% @ /(UF621:-"[N$@ _]$! !H=VTM,C R-# Y M,S N>'- DI5U9<|LX$GZ?7\'54[8]BBT?F=@USI9\9;SEV"K;V9EYFH)(2,*& M-C0 :.%OSZ[<;)"5*/_#*\@YWZ;S$)-$?T/TUKL:AG_[Q/ V]1RH5$_RDT_NP MV_$H]T7 ^/BD\^WALONI\X_//_SPT]^ZW5]/[ZZ]<^%'4\JU=R8IT33PGIB> M>'I"O5^$_,X>B3<(B1X).>UV/QNQ,S&;2S:>;&]O=^\@399^E<>[A_23OWOP ML7MP0/:Z!T?^Q^[1WN&/79_L'PQ[G_PA.3QX/SIN?3HX//P1VAT>^D'WX-,P MZ Z/CHZZHX/14<_2W\|'(1@0)_5L?{G=$H\4(VKXV=UTIEH/3O>V7EZ>OKP MM/]!R/'.WNYN;^?7K]?W)FDG21LR_GTE]?-0AFGZ_1W\/"2*ILDG3].5U!/Q M-*7Z@R^F.ZCK[M'^;IH4@5@%-.*$^XOH ,MNWH^HZI7+ 3?=_[9K3;W>UU M]WHY4;OD7G=WQ[O?RQ8RT NQ; D/=^*/'8]H+=DPTO022#ZG(Q*% (!+Q/R(2 MLA&C 7A02-%'5A)D/FLBQU3?D"E5, ^}3]PD__^!Y2"N;SH34'L\)CH@:FH(J MJ8U8QXM=X%KX1!O/QI0JU2F7? H>&6N%3%Y\^/*N@L^.>:Z2Z8T)FM7+.RL2Y M)V_JE*#*C8J*42B"3]U4KHNONKT]<(J-R["L)?7*D,]]L R%-:.,%)ND>58O M+ <:BFM4N1B)9QC%U=:1BU0 23BLDZ&B_H>Q>-SQ1<2UG+M4AB*1I*%.-5@! M"RBKDW>:\/HR)-P+K21OS?)N]E,\9&(7\-K]- OCU'GOZ"AM3',=2=+U]*#; MVC%?H=TUPD3Z4H2T.O'.3(H9E9I1E>V(#,!$TA%(/TV[::/Y^TS2#U"0-$4. M?!4"XF?(@"IHMHVZUTM]4@CTP9.. AI"&ENHP>H'=%17?1!AG/T_*[^285WE M082&_^MZ^R2LJS>(^%&XB/CNV\U5V8C&Y\@G3;%2 MM*7S? =XU_WI>=SG8[GI&Z]>=],1K*)&BP2W_;/Y>K\V)<)*D0G#-),YRJ_6G M4"QYF9JNPJ#W4'.SB!2C,\&5"%F TXU;\ 93,A5Q$@5,XWC2Q>HU\"JH.3HZ MW.L=(C4+O)6_Q._=(H,_O]%X)J:@UX1RQ1[I%-9"UW\$3$]?P&5+]!60C]6$AIGX3&^RFV:_ MHSX4/ISW S$#3R0\2-] <*171H.,>@"/CXR\1N*\)G:NPLP&NE;RC=?)22"_) MQ8-LEB_CC+QE3EZ:58OXO;=C:(ZN."XYUJA=\7(V?C[NKO.3@'@9E!:9_HXJ M+2-? 1Q)\#SSS%IIW>28I-/D*N@8)78-K7;(#69V :>D.U&T'K0E8J]M>IB,V?0+SW *1%-H]C>@_DV;45RPI8;7VP;NLD MA&C$6V3E"R(Y- ,J]0.4]M,84:OV9F$X%OJ?"_ ^YF> N&E8O#=2Y20&B+I&<@ M36L4@WH&M444P?@RFF(I:-(Q9T/?UT(Y5@\[(C)6HC^M$93"3QFHU+H^P+6(* M9P;LD0Q#]X'74L!J_1^+9B>)=(N,?,4?,=@BF7N_L!2P&CDW?\](M\C(@\6R M_R D7"MH?C&H-,,!('<= -E K&3DYN-+Q/=>C/G>] P+V/<>;]4@Z9H2Y5H/ MDK0VJ_^8FV7'@BVRZCD=.KJX26FU:&YJC&(MLNIE4M%$TCD\V)1F&FSCZ/L9 :3C/3!!*4VFO(+^WLO@9\)# MF2Q:Q.1]- %3TCP@4N'AT;\1R4E9.;!I=)63G*=>L&2D/S M,I8;'3BO${611Z=5GCI,U@&I$O)B5@%S$/+O,U$;35Z\5U6'#"K*M'=:AS!;.R MEXO6NRQ(M9&^S"I&O19O7/M:8]#CA6 MFO(K!06AT*ZW 'XCS)0EN2* C^^HBD(-F>2.XCTWV,0DJ=4+N:R3A97F7$BA ME.9%GEZ2*=;79;:IE'KS E.6Y,W":C F'C&M1?9<71R[&5(0HIE8T N=8PLY M6WTF%^4H!|GT[=)WXL)X6JP>,$RB6'&!UF):;^X$H'24%S!N"9EY$J,S,F,: MA";P&IA-#R|UFQHY6- TC%T8I=H_5+,T!U#A3+YOKFP?$HRNFR'@LZ3CAYXX^ M4A[1X?PK^;>0%SSX2N1WJN^I?*3!"WUAH|RL7I&+Y!1[Q6KF<2]CLO>&<\\4 MP(,2>'$1O+@,K201AS74XB3QMUH^LJ6\;#YRE(LEN2_FEJ==+/>^,4D1<9O-M,#8!MM*_^9G/UD|$'/CH^V =IN?E;+O"AC.Y?D=!^[LB_TI- Q,8%L#I.+B)7 MQW'28B6G\4W!TIN)E =%6T-K%>7.>,B(WZXXV@[;ZP@LV)+6] M0UK;8K3V6(M<-R@KF2Z[EXJW-+W1MUFMM(%8*^- F8=K%GP,I'AEV(O7&UVY05KX*#B2O\+5\|);HK>2N>D/@>KPT M$\3Z!AEBO'TZBS3%M4T?1,]9&.'M?8/{6JR_=B&L_I*+VKEL:"R*[6:C?%BX M>\'' %,\L /L&)BFA!T5\<[HD=GD?0GN'EKBU0[Y&(E/Q>B^7,9?:LYMG8#L|)4< W<6KW4,5R+J#J<]WUWG:RLM*=-"R.Y'5%P2M?6 M-&%BFKDQRQIO&\);PZR!:.

<\%IE+XA,EBPMM=\^/C(INQ5R)KY2D7D$K,K+QQ M@698;)TTCWVEJ&D%,W?D,/P5AK(?[=F P2WE:.4]%UA:\+[<+FI>>7$93'7-ME),I0)_IKKJ]X1:Z#9X%.E:\/$#Q=]J'M;S@#)A&YF]7$C(G(@"3@&LBVC) M$;DW0E;_MY[$24@_D;*RT@91,.0^1O5D;RHE8S".QMQ5&*@VLT$^N*U(/R2 M^$GC7IN1<@@K,\6G.;N>J2&(Z2U!6TM1O&TN,<2\-CW%XE9J\K<\QM3$<"DO M_:R(J93*O$\ZX# H*D^+ <7R5EYR8:Z4EP6>9P!,28SE}',MDARQK(3EXEU. MQZ);2%[F&MEZM2DO9R4E%Y7*@+32^#4NGZU%S@:X5O)RX:6Z=JO^OS/\T\ZS M.B:S&>,C@6_B9\Y%7';S"M[0,-XWB_Q/GJ;_GV-V-$BVT2;;;3%@IXIW=7<\ M,H0FB_CZI#,BH:(=CY,IQ?ZQ+A!G88@+:B<=: (!YWDH0W8\,TE1KY-.$,6_ M_IY^&\;A!OA APP05#0T]1?3?)$BFlUTXH1,TVG'TP8D?C,5'.B7\ROX@N"= MG3*+7"%?8ASDG,;_7W&S@#Z$/\W/HX-F2:%*+.,$.T% +K&XFNBTZFWHIQ30] M@OZPBD15'*)FB0.'H_^'>D<,?XZ=7# M>;]TG%"2NJ'#24>EMJB-;^*5KZ5.VOG#C =/13D.%=92-\'IEF.P!PGS-'.W ME+V7M4DU0;,K'H O22AC/XDY5.M4GKX)VN"%+%*1\!;O_WMD(H)^$=Z@K^-, M6E5,LFR"3:UD7\ PN-*

'YEF>"=.IVM)@AG48*Q@D*SV:%48!7;!5=;%]JF:WA M-]6 \3B*0A:+CMO2-59)-*$6?,,,#U) 8T/-T)=P$I!JE2I%FC OP)9FQ;_Z M>&@,VE13:5,.? M,P+ZH$T@4 M7I]>79R%A-E&^AL -:%J7(Q&%._'6=X3>0>MUVJT-.Z3H*+C@HBDFB(LGD'S M :G4);: _)H&FL69.#0>:=%2-9+;"1(_+V\@;'(-K1$NO-V!$%'T=H1+S.9- M/PS%$Q;N4DC*QAS$DJN8^E,1O=!--LFNJ4UL@;XKNL)(CX_AX5D/05+X*K$ M HMX_:UOC4W06^H:^:,//L9]XLCZU%PN"]J&1"DV8G[L)XF9*@@7J")/W-L:*.A:=DW4S13 MM$%RI+@_EI3:@[LNDDWHA,^HU)#P+%(:? $]:1AIEJ9N@2;5G7<.(V?3PESEF M1OPOKGM|W\>&4BT+%R\>^S ?TNQ/D_$E\6G FW$S%_S=DS#QW=M(8X%PQE2#_Q+Y9JJ_O&P)VT@#26!>@7XS;! M,M_NS]?.SLRAV'N[>Q\MH6RK7 .JQ#\'OVVDG%VN J M7ANO"7Z%"D@*FU;A5\ (\@FV.1A G-9&Y/(=K4=:L,T07?LA9;--MLZ5EGC#H^F]M=G@19-,:#)?BUVTT:F,VRE'6J_F5>"+Q/(\V(ST1,#N:8X^P MJM6E_*7@V=%UMI-)$^P6GYS)G$Q?K-5\ YVAP.Q/_'&@H<9U#C/A@&'UE5*1 M?9O(-J WG|R\,G0_UB8|8W=' SJ=808#R:QA#"?9ANJ=&2XZCRL;U'1F!H3. M(\ <&%7_5<\X$M$$$_Y_.0H;DWV'VMZ/LD19SO=90KYYSL>R8W'8VKQ3$#:C/ MIB1T6EB(I-E=A6W* [>@KX60,CS^3/XD,P*VF$$3NH3%FB(VQ[C!@2K+$+\M*H@'U9GG1.GARB*>?'-7)I6^ ,OT@8/%^ MD]32MWQ18,NF81?1)J@8^H)DCMS\ (N1W*E7VD*/+5IW:,$VH?'WI'XY'IA;% M7FDOEKO.:,K7QFF"]N"'OU$BU=YN;Q?FJR(;3^#/|\SQS!Q3R4=47@=)!M;''9EUD1J K'W=$;B//S7|"L$FJ#/381E@4%02 F/ M9M5F'@*2\84QW30)XR^"!&H>Q$&I=I4RC1B M.Q_N[%G>Y3!/S7\\;["VE&IFE:LQ,WL-MDK*EW;HN*GN_HG,S!D:XE?[Y$98 M?['^,#&)S$F3/N<1"7%V(L$-J_=85 LU=!=<' J(+R"!V=0W'@ YRX7=^TA2 M/<<@=CG!=2 ;&G'(] /F^,%BI_VB6\AHX;YZ_E+8IEHKFL$DG&ULY7U; M=UNYL>9[?H6GYW40XW|)2G*6VG9GO)9/V\MV)N>-JP 4+)Y0I Y)^9)?/X5--M2J8D2J) (;&K;>6@W15'<'U ?ZH9"X<__|?5L\NPSSA?CV?0OOX@_\E^>X33- M\GCZZ2^__/WC;\S_\A|__<,?_OR_&/NO7]^_>?9REB[.<+I\|F*L,3\[,MX M>? IL>8K/_C&;_W/\&9Z]F\"RS.9GC/VU^[,7L_-O_>^4SR:6^_-CE;^=_ MX@9]XMHRK4$R'9)E01K'$B@=A4\1C/X_G_XDO#:F +)H4F::Q\QB"($5K8I(M2DGC=?>ED_'TGW^J_T18X#,:WG3_2B77TZ7R_,_/7_^Y??;JX\NQML^2%\KGO_7?[!YD$[Q#-AX MNEC"-*

-4'+,9_6G1OOIDE6':S_B"N9W=^HO[$+C_&ZEM,2;$'[\N\B]__<.S M9ZOIF,\F^![+I_K_O[]_?>V1I[,O9[C\8Y]=/:^_?OYA27*M(IZ5%[/I8C89 MYRKHM^; M7_[E!").NG=\%POV">!\]#LN7]-2.L,WL\5BE)3Q,B%G7); M*17$7-F1C@7 M,$>!(=^8/!K9@H;62;S (G9B7W_[\SJMSW&R7%R^TTUT-\E; :SF<__1K+]I M(WQ]I?4(<%\N12T9RKY EBZ3A8|;_MQQ*9]P84E&BMT;TPJ9?AL)&^9V-/Q09GU[^/P:A PI>4F0B8B&7!1+5P65F MO8^JE_1W8]*Z,?/]-^ O*"*#!=OI_10^NJ+|>*TVN>WY27&Y4@HC0 F,@ZD MUK0IGH5L"DO"RB)B+.!"X_EZ$-0CC4JORW@H7+VI%-I*MMG2II'.5C-3QUFG M9&U!1TIEPO,IOQ*"(0V8@0'7AM$DA.@,@,JBM2]V%Y@AV8FA$JR-))L1Z^UU M+)U1U6B<+/1D$(5"V6 X Z1H3$>9R1/S1]!J3*DM,'8AD_HW)].ATFOH>JQ& MG M+RX62WK"_-77-+FHNPDTR0(%I*/S#IC:>5K*V+K MS,P>,(?DB![*GYLKI6^I-5LX+V8+8">>:.3XYF\V7XW]U[X\\"B4#U\S$1-$WA=P4Y2(I&&DA9IO F-*8;8>C M?*

J23VF]JK37[CBS49F3\@)VM^AM.:3XF%5(^&T_'BV6=G<]7+C)/4F>I'XP+I:TX)U4O2O)/9 M>0W5KR I&66PCMD@"5=P@H7@"L-4?. [..U3NSRAYA8=&B935]f M!$7H%-OKD%WA[<(:^Z/RIB\QW>#1GY_?G+PW]'/3BH,7LS-:]>D"Y_26PW"[F-K5(SP=GF*\RU/K7S[*U]!\UQ!PA-M X^&.4C(M!=(=B\!,\E;L/1;$UH["T<=X)!V^(:X1IZ>5;TOG#]]+V!Q^MMD-M]N7_8OZ$=_-83+]1M93L&#,)HE+A/3P"F\D , M.2W$S)6A>*9Y@OM.. <7D5PKG5,07%) X1CDPC0OBH$7G'&=A4&0VMC6%5WW M%/$^[290*P[<*O;8>\:/HL9W41%6H30ZD-.6-#EM2,HB AJFI'-)IH2T*H<< M+#VMC] (7L8XIU1ZS)9MIA%JA4H^5?#A%7!Z2&WGX.P_/A#P2=Z.\QYLQQ/%D MO!SC8L03>BR(S!GBC2YD-$/(G"494M8*C5>^\;+<>/RA2FGCJU:N\G(D0U$0 M(V?. =E^JPVY(A89&?XGQ^0?^-N]VG;@3;$:8",4/KI_\'D D?9 MNVB4 ^9MDC6PS0R,H'^"3,K%8@-OG3+8"=B0O/O]>7&KY+.Y3-J1/Z79!8%Y MCPD)6)S4Y,?EF N'E" F)DT@@UYR8($[Q;+SRF"LIU=;F\O[\ S)G6!'CF82 M:.N^?X>SV, 314C E6$]!-+YG+1T4#H042$+6WQ VSK;?C>;(;G?[?C0:/8; MGAOQ[7.N)YM_J^;'BC #N"($-%$X:[Y@'3:^LLEF@4!%;VXW-YP_)06XG\;UG MN)F,W\WQ',9Y70A\Z:-?'V&1'%?[?1DJG*)9U%&1M=+&^I2-5+*QZ'>_-23G MN!TC6LNC7:QT.U/IA8FD?Y %$0E'RJKND5 8@$6D) 3&V/HH\D-9X?W=H'?P MK2K=R[$)1!]>H1 GU?T?&R2#J#,KQ<9B7':!MSX.NQW)D/SB SEPE_]SP-0W MH_>KL_/)[!OB>YS4?:,M(P47*;IUI)05DD.6I*!7-&:10Q8)$EC1FNT/@A]2 M7]R8'&T%THPGW;GN&X35W(8D0F;V']'1"4DS)PK?;/8T9AF-X*V[?&R!,22? MN#$7#IWTMO'1EL'I$,E3XY)"-/1,D[/&O%&4 4^Y@(K:BM;A\AU0AN0G-V9! MB\EOWE/C!BM]

*(HT$WK*4K:YM8AP#I00K"9Q.FJ,4K5/'VY$,R3MNS(,&4]_+ M#L(ED"3 >(C 3!?';8SD^;M0N\A2K.Z,+[9U'GD+C$>>/?N1"'#HI#?>/QAY MEQ0OUC/GBJ&Q%,6"H<@O2*M0\^@3M-ZY7CVY[?X'6$!NM63"4[']J92UY2SHQ M+[S +#$[<<3]CR'L #Q*LK>BF[TGMV%RI[8 6GZK&_? +DVFN6Q#GZW,-HY2D MK:"8A'"J T4KT/A8TTTFA2B#X:UKNN[#,Z10IH'TFTU],S+4OB-?QL)^4L\ M!6<%RXZTKB9FDA(VA06;DY"D? JUNGBB.B3+;.R.1 P9M:(@EJ=JC'1CD:%C@*H$RP2K>,G9Y'"%/# M,8\L!AX0RI2F]K_T C13NI!F%@E<;'V.[LZ3&(/9NSF<"?<<8WC4E+=K M47= [/%HECR"0"9">:0>6UIL)S-)B!F&-<-CZM/]#7![,!DU[!APH@)8'AL_& MW=G].LA5C]Y/.$V5F2E1S!5(B4>17-U8)"_=)LU2*8(;!P5\;W-W#YPAQ4*] M4J.52/I4%E''F'WA#$OMQJWJT+*N8;F.);C@C6B]A=?>\)VD='%VT6V7[G($ M=11#5#EH9(4##9I;SJ+.CCD>54H(NN36QO&1$(=D0]DS9;BA]Z$U; 5WQ+J M :!7,)_2HEUL@*Y'@]}X.:H-D967D4GD9.X5.E8!,0/@? HT0:*U_DPJB&9 MW<;\:2R2IH9W-NT&NRIJ!\%#B#:P LE6/U"RZ%UA(IHBE# FR-8I]2:&(9G8 MQC0X:+K;;8#E/*YCA\D[&.?TQ=P/E["9&2+S475V^*P5BAV/=.#+4WW<[;KEN_MK]_K .!HU%:F/N7%VK&N[M.TYK#!1077]CXY/O<#Z>U6V*,<("7^+]__3S*B']ZFLZ!0K$WM-X7A$YTG*D M> :+,C!I@4(]\,B\KT=-,"-(239$MRYZ/NX(&S3IJA#>S6>?QR3=7[_]? 5$W M@NHQCD6-:D_2R6#K??D(BVDF&E6C"RAN A& MVM:9GWWIN4<)Y8/W3P,(#TXDYJ">1D%V5GAGT ;A 5VSK\Q^M;Q;O]^Z$ MGJCT^)O'"R.I@Q?2Z9>SN\OWU3V>E:X9[_5OZW4Z(Z6X2E@;^-4N?AJK);)U MJWG9NFS-E6!"TIY9 MHC6Q.EH&5@!#!T4$752)K8M>=H0VJ$L8CZ2%^1!:NXS]BNK=/;BU!36]7HR4 M*"HF14Z%,XE&6R0#E(XEKYRR*:5L6IOO;3@&=17CD=_M'$= <."F5$DGH5GPPC)%@U<\(H_-U&$A@FP'M0B'WDUFR=A+]D30G*R0>37GC3.I>\"ZY=*.1_=BUTH+CZ)=)F%ZN/<\@X MH@@\&H+_7%2IMC-.# I(IKR(J%0RJ?G%/+LAVX5,X=^ 3(>)K.VYO&I<:1Y6 M?MSEE>S.1J^3RLQ'D8G=AD;,:)DL DP((7'HI:70-C [91#Y3V;%VHBF?PNV MV1QK%&5,QGG-.'1+T) \LI+H'TS1Z0C%R?X=ZBW =F+0L2I.GMJ{(2VQAA'^_M^1S3N)LL>CW!J6V/)V?U6K)_=>^/(GL'K5HTZ88TPW M*_4.C_(? QK43E7Z2!'5O\FIX0F2QG%^DY<6<1EOSXS4'T:4U7Y^=PWA>=UQ> MG,+\4PT70X(8(F< Y*MIQX'Y7-N>]):BB2B3;$VH1\#;B5?'*L(X$J_ZDE[+ MG>>-.SI3)#'2*#&B2")P;GVG+.]>\+{8)T)UJ9G\R] M/H)0>R3@9>/^KB3'*F="\]F"!0X*FV9%\YF$;,+H;56NA?03G2R/SV= M]A51NX9KZZO5WZX+Q+L3\"/%I2O!(TNJFE%=;M?]G)AS5@(/2EK3V@G:"F0G MEOQLF>G#1=*D%.@V63^0DX617N9Z#ISTWLJE-_3\6'L/&5G'&DMBT2K#0%CA M2=])R#)ICCT(5^-:MT]]F_=X?C%/IR2?MV7C!/1(9"]3[8O@:,W(@:E5 ML6@8Z78A#"W? E%N/_V%4/T+=Y.%DNE7$TE96[8J=UKC>EK?S3&.>?WLYKA,Q MS:0]A-;<>,F2D76\M2/;% M:S0C'6O?GG?U6*^^XCR-:0Y&& O$>FS*H@%BL7,L&%&8SQ8T1*U$:NWT/PAJ M2*>(CL6HL6Q-ER9RZ<$H50S73RETR=A1-E9S;R73@MQ9LI6>>5*(+$HK1:F'TW3K MCG4/@GIDI>5/P9NVDFI.H/4=61]G'^'KA\;++T]IAA\"2$];%,[_>BF>X2SQ2 MZ,(H5"*TF5L&I TILL%40E(<3>OB@GVQ/K(&\Z>B6Z]R[<59>KU87-!4X WU MJ]VH%[$$AKZ6L2L?6=#:U(;/O/#;)!2.QV9/0:RVHNK)$EXB6VE6 MFR,DCX[QB+KN.QH6P7 6E<(L0K(Q-N\B=3><1Q9C_E3]Z%#I])T9VI]'Q=EL MP&F6NQ)U\O*(SB6R5,!%!9Q+WOKB@WW;\.R_;#[.3M+_7(SG>.>M,R,K9#)= M36-4EBP#R3_4(FP?A$U)BR2:S\/NZ'Z$3-FAY+IK436673\I$)@@K?Y? +Q;C M*2X6)Z6,)V/R3 @E?2Q?U!E97WDQ4CD9%< Q8V19K:AG0G)&)G0H+FGKL+0^ M ;\GU'_@H'-STAU']_V= G)W-W%WU0#;)D9K! <&132M:F7JBOT9?R;!Z[4YP M**+*S9GW.(@_PAGHOO1<'U+LLW\E?JJP7T_+;+Z:SO4[5_N/-)HR7BYGFVTA M5Y52$>F/<.-8YLO:LWFRN Y[MU:7?- +TO_[P3SJ"V&5NO\59BZ-&1O::&8%U,O>X0LE8_MVS^R^MW^KFNC!Q_NK/8Q XW;#T#?:!4FO@K[_$SSA"*