

Help

Bloomberg

Company In Depth Fundamentals - Profile

Ticker: [HWM US EQUITY](#)

Howmet Aerospace Inc (New York: HWM, Currency: USD)

Sector: Industrial Industry: Industria aeronáutica y de de Sub-Industry: Industria aeronáutica y de de

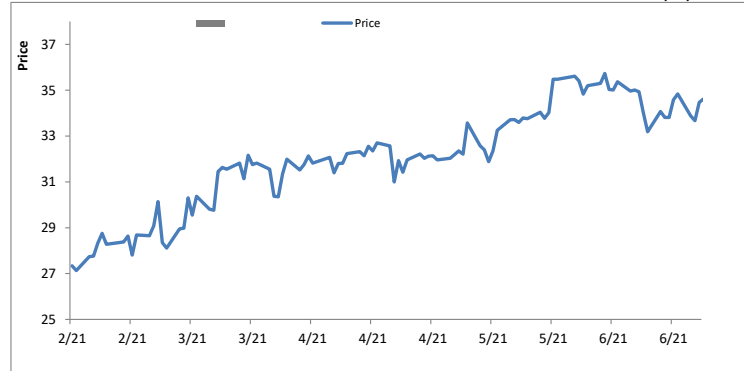
Website	www.howmet.com
Number of Employees	19,700
Ticker:	HWM US

201 Isabella Street Suite 200 Pittsburgh, PA 15212 United States
Phone : 1-412-553-2500
Fax : --

↓ **31.92** -0.61 #|VALOR!

Stock Quote & Chart (Currency: USD)			
Last (delayed quote)	31.95	Market Cap (MM)	13,650.9
Open	32.32	Shares Out. (MM)	427.2
Previous Close	32.52	Float %	89.5%
Change	-0.09	Shares sold short (MM)	10,293,868.0
Change %	-0.28	Dividend Yield %	0.2
Day High/Day Low	32.5 / 31.6	Diluted EPS Excl. XO	1.0
52 Wk High/52 Wk low	36.0 / 26.8	P / Diluted EPS Before XO	54.2
Volume (MM)	0.97	Beta	1.46
Avg. Vol - 3 mo (MM)	2.94		

Financial Information (Currency: USD, in mm)			
Revenue - LTM	4,972.0	Cash & ST Invest.	720
EBIT - LTM	748.0	Total Assets	10,219.0
EBITDA - LTM	1,066.0	Total Debt	4,232.0
Net Income - LTM	258.0	Total Liabilities	6,711.0
Total Enterprise Value	17,218	Total Equity	3,508.0
TEV/ Total Revenue	3.4 x	Cash from Operations - LTM	449.0
TEV/ EBITDA	15.9 x	Cash From Investing - LTM	107.0
		Cash from Financing -LTM	-1,445.0



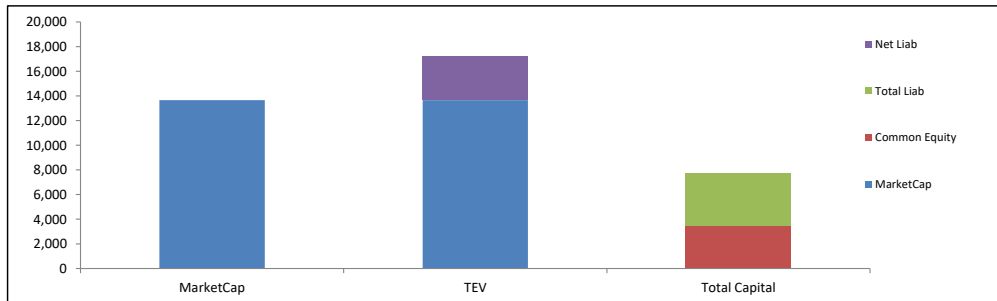
Company Notes	
	\$1.22.
	1996 A1 ner sharp. a loss of \$0.350 from Venezuela
	2014 Q3 GAAP Net Income includes: (in millions, after-tax): a gain of \$28.293 from Unrealized Derivatives a gain of \$5.516 from Devaluation of Venezuelan Bolivar
	2014 Q2 GAAP Net Income includes: (in millions, after-tax): a gain of \$4.105 from Unrealized Derivatives/Hedging a loss of \$1.874 from devaluation of Venezuelan Bolivar
	2014 Q1 GAAP Net Income Includes: (in millions, pre-tax) An loss of \$3.373 from Derivatives
	2013 A1 GAAP Net Income Includes: (in millions, pre-tax) A loss of \$13.927 from Other One Time Items An gain of \$5.167 from Derivatives
	2013 Q4 GAAP Net Income Includes: (in millions, after-tax) An gain of \$2.553 from Derivatives

Key Board Members			
Name	Title	Organization	
Joseph S Cantie	Board Member	Howmet Aerospace Inc	
	Board Member	Summit Materials Inc	
	Board Member	Topbuild Corp	
John C Plant	Chairman/Ceo	Howmet Aerospace Inc	
	Board Member	Jabil Inc	
	Board Member	Masco Corp	
	Board Member	Automotive Safety Coun	
James F Albaugh "Jim"	Lead Director	Howmet Aerospace Inc	
	Board Member	American Airlines Group Inc	
	Trustee	Willamette University	
Robert Francis Leduc "Bob"	Board Member	Pratt & Whitney	
	Board Member	Aar Corp	
	Board Member	Jetblue Airways Corp	
	Board Member	Howmet Aerospace Inc	
	Board Member	Aerospace Industries Assn	
Jody Greenstone Miller	Ceo/Co-Founder	Business Talent Group Llc	
	Board Member	Howmet Aerospace Inc	
	Board Member	Lkq Corp	
	Board Member	Trw Automotive Inc	
Ulrich R Schmidt "Rick"	Board Member	Howmet Aerospace Inc	
	Vp/Chief Administrative Officer/S	Cummins Inc	
Sharon R Barner	Trustee	Syracuse University	
	Board Member	Howmet Aerospace Inc	
Nicole W Piasecki	Partner	Rogers & Hardin Llp	
	Chairman	Seattle University	
	Board Member	Howmet Aerospace Inc	
	Board Member	Bae Systems Plc	
	Board Member	Weyerhaeuser Company	
Board Member	Weyerhaeuser Forestlands Inter		

Ticker:	HWM US EQUITY										
Period Type:	Annuals										
Annuals	Sector: Industrial Industry: Industria aeronáutica y de de Sub-Industry: Industria aeronáutica y de de										
FY	-6FY	-5FY	-4FY	-3FY	-2FY	-1FY	0FY	-0FQ	1FY	2FY	3FY

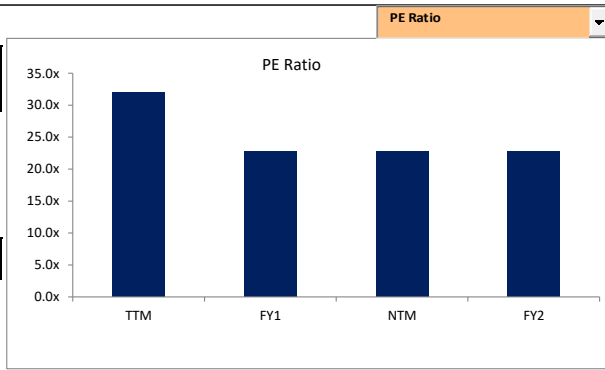
Key Financials	Actuals							LTM	Estimates		
	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	30/09/2021	31/12/2021	31/12/2022	31/12/2023	31/12/2024
For the Fiscal Period Ending	USD										
Currency	USD										
Total Revenue	12,413.0	12,394.0	12,960.0	14,014.0	7,098.0	5,259.0	4,972.0	4,972.0	1,315.0	1,315.0	1,315.0
<i>Growth Over Prior Year</i>	(1.0%)	(0.2%)	4.6%	8.1%	(49.4%)	(25.9%)	(5.5%)	(5.5%)	8.8%	8.8%	8.8%
Gross Profit	2,309.0	2,583.0	2,603.0	2,617.0	1,884.0	1,381.0	1,376.0	1,376.0	--	--	--
<i>Margin %</i>	18.6%	20.8%	20.1%	18.7%	26.5%	26.3%	27.7%	27.7%	--	--	--
EBITDA	1,908.0	1,951.0	877.0	1,901.0	1,199.0	1,031.0	1,018.0	1,066.0	303.1	303.1	303.1
<i>Margin %</i>	15.4%	15.7%	6.8%	13.6%	16.9%	19.6%	20.5%	21.4%	23.1%	23.1%	23.1%
EBIT	628.0	819.0	326.0	1,325.0	579.0	626.0	748.0	748.0	234.8	234.8	234.8
<i>Margin %</i>	5.1%	6.6%	2.5%	9.5%	8.2%	11.9%	15.0%	15.0%	17.9%	17.9%	17.9%
Earnings from Cont. Ops.	(156.0)	(1,062.0)	(74.0)	642.0	126.0	211.0	258.0	258.0	--	--	--
<i>Margin %</i>	(1.3%)	(8.6%)	(0.6%)	4.6%	1.8%	4.0%	5.2%	5.2%	--	--	--
Net Income	(322.0)	(941.0)	(74.0)	642.0	470.0	261.0	258.0	258.0	125.7	125.7	125.7
<i>Margin %</i>	(2.6%)	(7.6%)	(0.6%)	4.6%	6.6%	5.0%	5.2%	5.2%	9.6%	9.6%	9.6%
Diluted EPS Excl. Extra Items	(0.8)	(2.7)	(0.3)	1.3	0.3	0.5	0.6	0.6	0.3	0.3	0.3
<i>Growth Over Prior Year</i>	--	(226.8%)	89.7%	--	(79.2%)	77.8%	22.9%	22.9%	33.2%	33.2%	33.2%

Current Capitalization (Millions)	
Currency	USD
Share Price (USD)	31.95
Shares Out.	427.22
Market Capitalization (USD)	13,650.90
- Cash & Short Term Investments	720.00
+ Total Debt	4,232.00
+ Pref. Equity	55.00
+ Total Minority Interest	0.00
= Total Enterprise Value (USD)	17,217.90
Book Value of Common Equity	3,453.00
+ Pref. Equity	55.00
+ Total Minority Interest	0.00
+ Total Debt	4,232.00
= Total Capital	7,740.00



Valuation Multiples based on Current Capitalization					
For the Fiscal Period Ending	Actual	LTM	Estimates		
	30/09/2021	31/12/2021	30/09/2021	30/09/2021	30/09/2021
TEV/Total Revenue	3.4x	3.4x	13.2x	13.2x	13.2x
TEV/EBITDA	16.7x	15.9x	13.0x	13.0x	13.0x
TEV/EBIT	22.7x	22.7x	16.4x	16.4x	16.4x
P/Diluted EPS Before Extra	53.9x	53.9x			
P/BV	3.9x	3.9x	3.8x	3.8x	3.8x
Price/Tang BV	--	--			

Valuation Multiples for Chart				
For the Fiscal Period Ending	TTM	FY1	NTM	FY2
PE Ratio	32.0x	22.8x	22.8x	22.8x
TEV / EBITDA	15.9x	13.0x	13.0x	13.0x
Price / CF	30.4x	0.0x	0.0x	0.0x
Price / Book	3.9x	3.8x	3.8x	3.8x
Dividend Yield	0.2x	0.2x	0.2x	0.2x



Ticker:	HWM US EQUITY
Period Type	Annuals

HWM US EQUITY	Ascend
Consolidated	Yes

Currency	Reporting	Change	USD
Accounting	Mixed		

Howmet Aerospace Inc

Sector: Industrial Industry: Industria aeronáutica y de de Sub-Industry: Industria aeronáutica y de de

Income Statement											
Income Sheet as of:	-	-	-	31/12/2014	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	-
Currency	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
Revenue	-	-	11,997.00	12,542.00	12,413.00	12,394.00	12,960.00	14,014.00	7,098.00	5,259.00	4,972.00
Other Revenue	-	-	-	-	-	-	-	-	-	-	-
Total Revenue	-	-	11,997.00	12,542.00	12,413.00	12,394.00	12,960.00	14,014.00	7,098.00	5,259.00	4,972.00
Cost Of Goods Sold	-	-	9,782.00	10,349.00	10,104.00	9,811.00	10,357.00	11,397.00	5,214.00	3,878.00	3,596.00
Gross Profit	-	-	2,215.00	2,193.00	2,309.00	2,583.00	2,603.00	2,617.00	1,884.00	1,381.00	1,376.00
Selling General & Admin Exp.	-	-	842.00	1,084.00	1,004.00	1,097.00	1,615.00	613.00	982.00	459.00	341.00
R & D Exp.	-	-	106.00	123.00	169.00	132.00	111.00	103.00	28.00	17.00	17.00
Depreciation & Amort.	-	-	416.00	436.00	508.00	535.00	551.00	576.00	295.00	279.00	270.00
Other Operating Expense/(Income)	-	-	-	-	-	-	-	-	-	-	-
Operating Expense., Total	-	-	1,364.00	1,643.00	1,681.00	1,764.00	2,277.00	1,292.00	1,305.00	755.00	628.00
Operating Income	-	-	851.00	550.00	628.00	819.00	326.00	1,325.00	579.00	626.00	748.00
Interest Expense	-	-	420.00	442.00	473.00	499.00	496.00	378.00	338.00	381.00	259.00
Interest Income	-	-	-	19.00	16.00	16.00	19.00	23.00	24.00	5.00	-
Net Interest Exp.	-	-	420.00	423.00	457.00	483.00	477.00	355.00	314.00	376.00	259.00
Currency Exchange Gains (Loss)	-	-	-	23.00	51.00	(4.00)	(5.00)	26.00	5.00	(11.00)	-
Other Non-Operating Inc. (Exp.)	-	-	(40.00)	38.00	(14.00)	82.00	(822.00)	66.00	43.00	82.00	156.00
EBT Excl. Unusual Items	-	-	471.00	66.00	134.00	258.00	676.00	878.00	217.00	179.00	333.00
Impairment of Goodwill	-	-	-	-	25.00	-	719.00	-	-	-	-
Gain (Loss) On Sale Of Assets	-	-	-	(47.00)	(74.00)	(156.00)	(513.00)	10.00	7.00	8.00	9.00
Asset Writedown	-	-	-	-	-	-	-	-	-	-	-
Legal Settlements	-	-	-	-	-	-	-	-	-	-	-
Other Unusual Items	-	-	-	94.00	98.00	312.00	(412.00)	(20.00)	(14.00)	(16.00)	(18.00)
EBT Incl. Unusual Items	-	-	471.00	113.00	183.00	414.00	470.00	868.00	210.00	171.00	324.00
Income Tax Expense	-	-	531.00	174.00	339.00	1,476.00	544.00	226.00	84.00	(40.00)	66.00
Earnings from Cont. Ops.	-	-	(60.00)	(61.00)	(156.00)	(1,062.00)	(74.00)	642.00	126.00	211.00	258.00
Extraord. Item & Account. Change	-	-	-	(238.00)	41.00	(184.00)	-	-	(344.00)	(50.00)	-
Minority Int. in Earnings	-	-	3.00	(91.00)	125.00	63.00	-	-	-	-	-
Net Income	-	-	(63.00)	268.00	(322.00)	(941.00)	(74.00)	642.00	470.00	261.00	258.00
Pref. Dividends	-	-	-	21.00	69.00	69.00	52.00	2.00	2.00	2.00	2.00
Other Adj	-	-	-	-	-	-	-	-	-	-	-
NI to Common Incl Extra Items	-	-	(63.00)	247.00	(391.00)	(1,010.00)	(126.00)	640.00	468.00	259.00	256.00
Abnormal Losses (Gains)	-	-	86.00	301.00	236.00	359.00	429.00	111.00	615.00	315.00	411.00
Tax Effect on Abnormal Items	-	-	(30.10)	(105.35)	207.39	1,173.14	263.00	(62.17)	(155.00)	(174.00)	105.91
NI to Common Excl. Extra Items	-	-	(7.10)	442.65	52.39	522.14	566.00	688.83	928.00	400.00	772.91
Per Share Items											
Basic EPS	-	-	(0.18)	0.64	(0.93)	(2.30)	(0.28)	1.33	1.05	0.60	0.60
Basic EPS Excl. Extra Items	-	-	(0.18)	0.02	(0.83)	(2.72)	(0.28)	1.33	0.28	0.48	0.60
Weighted Avg. Basic Shares Out.	-	-	356.50	387.00	420.00	438.28	451.00	483.00	446.22	435.13	429.83
Diluted EPS	-	-	(0.18)	0.63	(0.93)	(2.30)	(0.28)	1.30	1.01	0.59	0.59
Diluted EPS Excl. Extra Items	-	-	(0.18)	0.02	(0.83)	(2.72)	(0.28)	1.30	0.27	0.48	0.59
Weighted Avg. Diluted Shares Out.	-	-	356.50	393.00	420.00	438.28	451.00	503.00	462.83	439.30	435.47
Normalized Basic EPS	-	-	-	-	-	0.98	1.22	1.36	2.11	0.80	1.01
Normalized Diluted EPS	-	-	(0.02)	0.52	0.22	0.77	1.25	1.40	1.26	0.80	1.78
Dividends per Share	-	-	-	0.36	0.36	0.36	0.24	0.24	0.12	0.02	0.02
Payout Ratio %	-	-	-	1,548.00	-	-	-	18.28	43.18	4.16	3.36
Supplemental Items											
EBITA	-	-	-	605.00	695.00	884.00	397.00	1,406.00	637.00	666.00	-
EBIT	-	-	851.00	550.00	628.00	819.00	326.00	1,325.00	579.00	626.00	748.00
As Reported Total Revenue*	-	-	-	-	-	-	-	-	7,098.00	5,259.00	4,972.00
Effective Tax Rate %	-	-	112.74	153.98	185.25	356.52	115.74	26.04	40.00	-	20.37
Normalized Net Income	-	-	(7.10)	204.65	93.39	338.14	566.00	688.83	584.00	350.00	772.91
Interest Capitalized	-	-	-	22.00	27.00	32.00	22.00	23.00	33.00	11.00	-
Supplemental Operating Expense Items											
Net Rental Exp.	-	-	-	-	-	-	-	-	-	-	-
Stock-Based Comp., Unallocated	-	-	-	87.00	92.00	86.00	67.00	50.00	60.00	45.00	41.00
Stock-Based Comp., Total	-	-	-	87.00	92.00	86.00	67.00	50.00	60.00	45.00	41.00

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Period Type	Annuals

HWM US EQUITY	Ascend
Consolidated	Yes

Currency	Reporting	Change	USD
Accounting	Mixed		

Howmet Aerospace Inc

Sector: Industrial Industry: Industria aeronáutica y de Sub-Industry: Industria aeronáutica y de

Balance Sheet											
Balance Sheet as of:	--	--	--	31/12/2014	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	--
Currency	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
ASSETS											
Cash And Equivalents	-	-	-	-	1,362.00	1,863.00	2,150.00	2,277.00	1,577.00	1,610.00	720.00
Short Term Investments	-	-	-	-	-	-	-	-	-	-	-
Total Cash & ST Investments	-	-	-	-	1,362.00	1,863.00	2,150.00	2,277.00	1,577.00	1,610.00	720.00
Accounts & Notes Receivable	-	-	-	-	960.00	974.00	1,035.00	1,047.00	583.00	328.00	367.00
Total Receivables	-	-	-	-	960.00	974.00	1,035.00	1,047.00	583.00	328.00	367.00
Inventories	-	-	-	-	2,284.00	2,253.00	2,480.00	2,492.00	1,607.00	1,488.00	1,402.00
Prepaid Exp.	-	-	-	-	397.00	325.00	374.00	314.00	285.00	217.00	195.00
Restricted Cash	-	-	-	-	-	-	-	-	-	-	-
Other Current Assets	-	-	-	-	2,950.00	477.00	339.00	451.00	1,791.00	29.00	53.00
Total Current Assets	-	-	-	-	7,953.00	5,892.00	6,378.00	6,581.00	5,843.00	3,672.00	2,737.00
Net Property, Plant & Equipment	-	-	-	-	5,425.00	5,499.00	5,594.00	5,704.00	2,754.00	2,723.00	2,467.00
Long-term Investments	-	-	-	-	-	1,020.00	-	-	-	-	-
Deferred Charges, LT	-	-	-	-	1,308.00	1,234.00	743.00	573.00	209.00	272.00	184.00
Other Long-Term Assets	-	-	-	-	21,791.00	6,393.00	6,003.00	5,835.00	8,756.00	4,776.00	4,831.00
Total Assets	-	-	-	-	36,477.00	20,038.00	18,718.00	18,693.00	17,562.00	11,443.00	10,219.00
LIABILITIES											
Accrued Exp.	-	-	-	-	410.00	398.00	399.00	370.00	285.00	205.00	198.00
Short-term Borrowings	-	-	-	-	41.00	40.00	38.00	434.00	1,072.00	414.00	5.00
Accounts Payable	-	-	-	-	1,510.00	1,744.00	1,839.00	2,129.00	976.00	599.00	732.00
Curr. Income Taxes Payable	-	-	-	-	103.00	85.00	75.00	113.00	65.00	102.00	61.00
Other Current Liabilities	-	-	-	-	3,147.00	482.00	473.00	474.00	1,727.00	340.00	257.00
Total Current Liabilities	-	-	-	-	5,211.00	2,749.00	2,824.00	3,520.00	4,125.00	1,660.00	1,253.00
Long-Term Debt	-	-	-	-	8,786.00	8,044.00	6,806.00	5,896.00	5,004.00	4,799.00	4,227.00
Unearned Revenue, Non-Current	-	-	-	-	-	-	-	-	-	-	-
Other Non-Current Liabilities	-	-	-	-	8,349.00	4,104.00	4,164.00	3,692.00	3,828.00	1,407.00	1,231.00
Total Liabilities	-	-	-	-	22,346.00	14,897.00	13,794.00	13,108.00	12,957.00	7,866.00	6,711.00
Pref. Stock, Non-Redeem.	-	-	-	-	55.00	58.00	54.60	54.60	54.60	54.60	55.00
Total Pref. Equity	-	-	-	-	55.00	58.00	54.60	54.60	54.60	54.60	55.00
Minority Interest	-	-	-	-	2,085.00	26.00	14.00	12.00	14.00	-	-
Additional Paid In Capital	-	-	-	-	11,413.00	8,652.00	8,747.40	8,802.40	7,752.40	5,101.40	4,713.00
Retained Earnings	-	-	-	-	8,834.00	(1,027.00)	(1,248.00)	(358.00)	113.00	364.00	603.00
Treasury Stock	-	-	-	-	(2,825.00)	-	-	-	-	-	-
Comprehensive Inc. and Other	-	-	-	-	(5,431.00)	(2,568.00)	(2,644.00)	(2,926.00)	(3,329.00)	(1,943.00)	(1,863.00)
Total Common Equity	-	-	-	-	14,076.00	5,083.00	4,869.40	5,530.40	4,550.40	3,522.40	3,453.00
Total Equity	-	-	-	-	14,131.00	5,141.00	4,924.00	5,585.00	4,605.00	3,577.00	3,508.00
Total Liabilities And Equity	-	-	-	-	36,477.00	20,038.00	18,718.00	18,693.00	17,562.00	11,443.00	10,219.00
Supplemental Items											
Total Shares Out. on Filing Date	-	-	-	-	420.00	438.52	481.42	483.27	433.60	432.91	421.69
Total Shares Out. on Balance Sheet Date	-	-	-	-	420.00	438.52	481.42	483.27	433.60	432.91	421.69
Book Value/Share	-	-	-	-	28.55	11.53	10.09	11.42	10.46	8.14	8.19
Tangible Book Value	-	-	-	-	5,638.00	(1,079.00)	(666.60)	99.40	(129.60)	(1,150.60)	(1,163.00)
Tangible Book Value/Share	-	-	-	-	13.42	(2.46)	(1.38)	0.21	(0.30)	(2.66)	(2.76)
Total Debt	-	-	-	-	8,827.00	8,084.00	6,844.00	6,330.00	6,076.00	5,213.00	4,232.00
Net Debt	-	-	-	-	7,465.00	6,221.00	4,694.00	4,053.00	4,499.00	3,603.00	3,512.00
Total Minority Interest	-	-	-	-	2,085.00	26.00	14.00	12.00	14.00	-	-
Inventories Method	--	--	--	--	--	--	--	--	--	--	--
Raw Materials in Inventory	-	-	-	-	425.00	408.00	381.00	366.00	299.00	292.00	-
Work in Progress Inventory	-	-	-	-	1,115.00	1,144.00	1,349.00	1,371.00	741.00	629.00	-
Finished Goods Inventory	-	-	-	-	672.00	625.00	669.00	668.00	524.00	528.00	-
Other Inventory Accounts	-	-	-	-	72.00	76.00	81.00	87.00	43.00	39.00	-
Accum. Allowance for Doubtful Accts	-	-	-	-	8.00	13.00	8.00	4.00	1.00	1.00	-
Full Time Employees	-	-	-	-	-	41,500.00	41,500.00	43,000.00	41,700.00	19,700.00	-

Ticker: **HWM US EQUITY**
 Period Type: **Annuals**

Sort: **Ascend**
 Consolidated: **Yes**

Accounting: **Mixed**

Howmet Aerospace Inc

Sector: Industrial Industry: Industria aeronáutica y de de Sub-Industry: Industria aeronáutica y de de

Multiples					31/12/2014	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	
TEV / LTM Total Revenue	Close	--	--	--	--	--	1.2x	1.4x	0.9x	2.5x	3.0x	3.4x
	Average	--	--	--	--	--	1.5x	1.4x	1.2x	1.1x	1.9x	3.3x
	High	--	--	--	--	--	1.5x	1.6x	1.5x	2.5x	3.0x	3.6x
	Low	--	--	--	--	--	1.2x	1.2x	0.9x	0.9x	1.3x	2.6x
TEV / LTM EBITDA	Close	--	--	--	--	--	7.4x	20.4x	6.5x	14.9x	15.5x	16.7x
	Average	--	--	--	--	--	9.5x	9.2x	17.3x	7.9x	11.0x	16.7x
	High	--	--	--	--	--	10.0x	20.4x	22.4x	14.9x	16.1x	18.6x
	Low	--	--	--	--	--	7.4x	7.5x	6.5x	6.5x	7.7x	13.5x
TEV / LTM EBIT	Close	--	--	--	--	--	17.6x	54.9x	9.3x	30.5x	25.3x	22.7x
	Average	--	--	--	--	--	28.7x	21.9x	46.6x	11.3x	22.4x	27.1x
	High	--	--	--	--	--	30.5x	54.8x	60.1x	30.5x	32.9x	30.3x
	Low	--	--	--	--	--	17.6x	18.0x	9.3x	9.3x	15.6x	21.9x
Price / LTM EPS	Close	--	--	--	--	--	24.0x	21.7x	12.1x	24.3x	35.6x	17.9x
	Average	--	--	--	--	--	72.4x	27.7x	14.4x	14.3x	14.8x	39.0x
	High	--	--	--	--	--	81.8x	33.0x	20.5x	20.3x	35.6x	44.6x
	Low	--	--	--	--	--	20.0x	18.1x	10.1x	10.2x	7.9x	17.9x
Price / Book Value	Close	--	--	--	--	--	1.6x	2.7x	1.5x	2.9x	3.5x	3.9x
	Average	--	--	--	--	--	0.6x	1.9x	1.8x	1.8x	1.8x	3.8x
	High	--	--	--	--	--	1.3x	2.3x	2.6x	2.5x	3.5x	4.4x
	Low	--	--	--	--	--	0.5x	1.4x	1.2x	1.2x	1.0x	2.9x
Price / Tangible Book Value	Close	--	--	--	--	--	--	--	82.0x	--	--	--
	Average	--	--	--	--	--	1.2x	--	68.4x	97.0x	--	--
	High	--	--	--	--	--	1.4x	--	68.4x	129.0x	--	--
	Low	--	--	--	--	--	1.1x	--	68.4x	69.3x	--	--
Price / Cash Flow	Close	--	--	--	--	--	9.3x	17.5x	37.5x	29.8x	1379.9x	30.5x
	Average	--	--	--	--	--	4.4x	10.8x	11.7x	44.3x	23.4x	1507.8x
	High	--	--	--	--	--	7.8x	14.6x	31.3x	59.0x	1379.9x	1727.5x
	Low	--	--	--	--	--	3.8x	8.1x	8.7x	24.8x	9.7x	30.5x
TEV / LTM FCF	Close	--	--	--	--	--	--	117.0x	--	--	--	54.7x
	Average	--	--	--	--	--	17.1x	97.6x	77.8x	--	--	54.7x
	High	--	--	--	--	--	19.0x	97.6x	110.5x	--	--	54.7x
	Low	--	--	--	--	--	15.1x	97.6x	57.8x	--	--	54.7x
Dividend Yield	Close	--	--	--	--	--	1.9	0.9	1.4	0.4	0.1	0.1
	Average	--	--	--	--	--	2.2	1.7	1.4	1.2	0.7	0.1
	High	--	--	--	--	--	2.5	2.2	1.8	1.7	1.2	0.1
	Low	--	--	--	--	--	2.0	1.1	0.9	0.5	0.1	0.1

Ticker:	HWM US EQUITY
Period Type:	Quarters

HWM US EQUITY	Ascend
Consolidated	Yes

Accounting	Mixed
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Howmet Aerospace Inc

Sector: Industrial Industry: Industria aeronáutica y de de Sub-Industry: Industria aeronáutica y de de

Ratios	30/06/2019	30/09/2019	31/12/2019	31/03/2020	30/06/2020	30/09/2020	31/12/2020	31/03/2021	30/06/2021	30/09/2021	--
Profitability											
Return on Assets	2.5%	2.1%	2.6%	2.7%	3.6%	3.2%	1.8%	0.9%	2.7%	2.6%	2.4%
Return on Capital	6.6%	5.9%	6.1%	6.0%	7.2%	7.5%	5.8%	4.0%	6.5%	6.7%	5.8%
Return on Equity	9.0%	7.6%	9.4%	10.1%	12.8%	11.4%	6.5%	3.0%	8.5%	8.1%	7.3%
Margin Analysis											
Gross Margin	26.6%	26.6%	26.8%	27.6%	26.3%	20.6%	29.6%	27.8%	28.3%	27.7%	27.0%
SG&A Margin	--	--	--	--	--	--	--	--	--	--	--
EBITDA Margin	12.1%	13.3%	15.5%	17.7%	22.0%	20.2%	19.6%	18.6%	21.4%	23.4%	21.4%
EBIT Margin	7.0%	7.3%	8.3%	8.9%	13.6%	12.0%	11.9%	11.5%	14.4%	16.7%	15.0%
Earnings from Cont. Ops Margin	-9.7%	14.3%	16.4%	15.8%	5.9%	6.4%	17.9%	15.6%	17.3%	16.0%	11.4%
Net Income Margin	-6.7%	5.3%	17.8%	13.2%	-7.7%	3.2%	8.6%	6.6%	6.2%	2.1%	6.0%
Normalized Net Income Margin	10.9%	6.7%	5.3%	11.7%	0.1%	0.7%	7.4%	8.0%	6.4%	9.7%	10.5%
Free Cash Flow Margin	-1.7%	-3.3%	19.3%	-22.0%	-0.1%	-0.1%	8.4%	-5.0%	4.1%	1.6%	18.8%
Asset Turnover											
Total Asset Turnover	0.7x	0.6x	0.5x	0.4x	0.4x	0.4x	0.4x	0.3x	0.4x	0.5x	0.5x
Fixed Asset Turnover	2.2x	1.9x	2.1x	1.2x	1.5x	1.4x	1.9x	1.2x	1.8x	1.9x	1.9x
Accounts Receivable Turnover	10.7x	9.4x	10.9x	5.7x	8.4x	8.1x	11.5x	5.9x	14.0x	13.7x	14.3x
Inventory Turnover	3.8x	3.7x	3.3x	2.0x	2.2x	2.1x	2.5x	1.8x	2.2x	2.3x	2.5x
Short Term Liquidity											
Current Ratio	1.7x	1.3x	1.4x	1.7x	2.2x	2.3x	2.2x	2.0x	2.3x	2.3x	2.2x
Quick Ratio	0.7x	0.5x	0.5x	0.9x	1.0x	1.1x	1.2x	0.9x	0.8x	0.9x	0.9x
Cash from Ops. To Curr Liab	0.4x	0.3x	0.4x	0.6x	0.8x	0.9x	1.0x	0.7x	0.6x	0.6x	0.6x
Ave. Davs Sales Out.	34.2x	38.9x	33.5x	64.5x	43.3x	45.3x	31.7x	61.5x	26.0x	26.6x	25.5x
Ave. Davs Inventory Out.	97.3x	113.6x	111.0x	183.7x	166.9x	177.5x	146.1x	202.8x	163.1x	155.7x	146.7x
Ave. Davs Pavaible Out.	76.5x	89.6x	96.8x	146.0x	132.8x	138.6x	76.7x	174.2x	70.2x	63.4x	69.2x
Ave. Cash Conversion Cvcle	54.9x	62.9x	47.7x	102.2x	77.5x	84.2x	101.1x	90.1x	118.8x	118.9x	103.0x
Long Term Solvency											
Total Debt/Equity	136.1%	140.3%	131.9%	153.8%	151.1%	148.8%	145.7%	132.3%	121.4%	123.2%	120.6%
Total Debt/Capital	57.6%	58.4%	56.9%	60.6%	60.2%	59.8%	59.3%	56.9%	54.8%	55.2%	54.7%
LT Debt/Equity	127.3%	109.9%	110.3%	126.2%	141.0%	138.9%	136.2%	119.7%	121.9%	123.7%	122.4%
LT Debt/Capital	53.2%	45.1%	46.8%	49.0%	55.3%	55.0%	54.6%	50.8%	54.2%	54.6%	54.6%
Total Liabilities/Total Assets	52.6%	47.6%	50.3%	51.8%	55.1%	55.2%	54.2%	51.3%	53.5%	53.8%	53.4%
EBIT / Interest Exp.	-2.05x	3.01x	3.48x	3.07x	0.51x	0.95x	2.91x	2.63x	2.33x	3.25x	2.53x
EBITDA / Interest Exp.	-0.17x	4.80x	5.29x	4.82x	1.15x	2.05x	3.97x	3.81x	3.26x	4.57x	3.69x
(EBITDA-CAPEX) / Interest Exp.	-1.76x	2.12x	3.96x	3.01x	0.93x	0.51x	3.36x	3.04x	2.85x	3.83x	2.64x
Total Debt/EBITDA	4.27x	4.59x	4.42x	5.99x	3.69x	4.48x	5.06x	5.38x	4.27x	3.82x	3.97x
Net Debt/EBITDA	3.40x	3.67x	3.77x	3.88x	2.78x	3.30x	3.49x	4.01x	3.57x	3.19x	3.79x
Altman Z Score	1.93	1.73	1.49	1.27	2.32	2.18	2.46	2.61	3.01	2.99	--
Growth Over Prior Year											
Total Revenue	(49.1%)	(49.1%)	(50.1%)	(53.9%)	(31.1%)	(36.8%)	(28.6%)	(26.0%)	(4.6%)	13.1%	3.8%
Gross Profit	(27.9%)	(25.8%)	(25.8%)	(37.6%)	(31.7%)	(50.9%)	(21.3%)	(25.5%)	2.4%	51.7%	(5.2%)
EBITDA	(103.2%)	(16.0%)	(8.1%)	(26.1%)	(1,206.7%)	(61.3%)	(30.4%)	(32.3%)	74.7%	82.3%	(29.1%)
EBITA	--	--	--	--	--	--	--	--	--	--	--
EBIT	(154.3%)	(25.8%)	(11.8%)	(31.0%)	(142.0%)	(71.5%)	(22.5%)	(26.7%)	179.7%	180.8%	(33.5%)
Earnings from Cont. Ops.	(213.3%)	(64.0%)	(45.9%)	(18.2%)	(38.2%)	(37.9%)	(10.2%)	(47.7%)	(188.1%)	(25.0%)	(27.4%)
Net Income	(700.8%)	(41.0%)	41.7%	15.0%	(70.7%)	(62.1%)	(65.7%)	(62.8%)	(177.1%)	(75.0%)	(77.4%)
Normalized Net Income	5.8%	(27.0%)	(31.0%)	(8.2%)	(99.1%)	(93.7%)	(0.5%)	(49.3%)	4,153.3%	1,541.8%	46.1%
Diluted EPS before Extra	(229.2%)	(59.4%)	(38.6%)	(10.3%)	(38.7%)	(38.5%)	(11.1%)	(48.6%)	(189.5%)	(25.0%)	(25.0%)
Accounts Receivable	(0.3%)	(2.7%)	(44.3%)	10.3%	(68.5%)	(72.2%)	(43.7%)	(73.7%)	(13.2%)	31.6%	11.9%
Inventory	(2.0%)	(2.6%)	(35.5%)	(3.8%)	(35.8%)	(37.7%)	(7.4%)	(42.2%)	(13.0%)	(10.8%)	(5.8%)
Net PP&E	3.8%	(0.2%)	(51.7%)	(7.1%)	(53.8%)	(52.6%)	(1.1%)	(52.7%)	(1.4%)	(2.7%)	(9.4%)
Total Assets	(1.7%)	(4.6%)	(6.1%)	0.6%	(36.6%)	(35.1%)	(34.8%)	(40.6%)	(8.7%)	(8.7%)	(10.7%)
Tangible Book Value	27.8%	228.5%	(245.3%)	24.9%	225.2%	148.8%	789.2%	178.4%	(9.9%)	(7.3%)	3.8%
Common Equity	(6.8%)	(12.5%)	(17.8%)	(7.5%)	(29.3%)	(25.8%)	(22.4%)	(23.7%)	4.4%	2.3%	(2.0%)
Cash from Ops.	(39.8%)	21.4%	4.7%	(19.4%)	(70.8%)	(30.7%)	(66.0%)	(97.1%)	174.2%	(43.2%)	100.7%
Capital Expenditures	(20.5%)	9.1%	(59.8%)	(9.5%)	(76.5%)	(47.8%)	(56.9%)	(63.8%)	12.5%	(60.5%)	29.8%
Levered Free Cash Flow	(700.0%)	(62.7%)	116.1%	(15.5%)	(96.7%)	(98.3%)	(69.0%)	(83.1%)	(5,000.0%)	(2,100.0%)	132.7%
Unlevered Free Cash Flow	60.0%	(63.6%)	160.8%	(18.9%)	(95.0%)	(98.5%)	(68.4%)	(83.5%)	(2,500.0%)	(1,100.0%)	126.2%
Dividend per Share	(83.3%)	(66.7%)	(66.7%)	(75.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	--	--	--

CAGR Over Two Years

Total Revenue	(25.3%)	(25.5%)	(27.2%)	(31.1%)	(40.8%)	(43.3%)	(40.3%)	(41.6%)	(18.9%)	(15.4%)	(13.9%)
Gross Profit	(17.6%)	(14.0%)	(15.3%)	(18.4%)	(29.8%)	(29.7%)	(23.6%)	(31.8%)	(16.3%)	(13.7%)	(13.6%)
EBITDA	--	(4.8%)	--	(7.7%)	(40.4%)	(43.0%)	(20.0%)	(29.3%)	--	(16.0%)	(29.8%)
EBITA	--	--	--	--	--	--	--	--	--	--	--
FRIT	--	(9.1%)	--	(17.0%)	(52.2%)	(54.0%)	(17.3%)	(28.9%)	--	(10.5%)	(28.2%)
Earnings from Cont. Ops.	--	(30.2%)	--	3.4%	--	(52.7%)	(30.3%)	(34.6%)	--	(31.8%)	(19.2%)
Net Income	--	(10.7%)	--	22.6%	--	(52.7%)	(30.3%)	(34.6%)	--	(46.7%)	(50.1%)
Normalized Net Income	15.9%	(1.2%)	(22.0%)	6.0%	(90.2%)	(78.5%)	(17.1%)	(31.7%)	(37.9%)	2.0%	20.5%
Diluted EPS before Extra	--	(23.1%)	--	9.9%	--	(50.0%)	(26.1%)	(32.1%)	--	(32.1%)	(18.4%)
Accounts Receivable	(0.6%)	(1.5%)	(24.9%)	4.6%	(44.0%)	(48.0%)	(44.0%)	(46.2%)	(47.7%)	(39.5%)	(20.7%)
Inventory	3.9%	2.1%	(19.5%)	(2.6%)	(20.7%)	(22.1%)	(22.7%)	(25.4%)	(25.3%)	(25.4%)	(6.6%)
Net PP&F	2.6%	1.0%	(29.8%)	(0.2%)	(30.8%)	(31.7%)	(30.9%)	(33.7%)	(32.5%)	(32.1%)	(5.4%)
Total Assets	(3.2%)	(4.7%)	(3.1%)	0.7%	(21.0%)	(21.3%)	(21.8%)	(22.7%)	(23.9%)	(23.0%)	(23.7%)
Tangible Book Value	(29.5%)	--	(53.5%)	9.1%	103.9%	185.9%	--	86.5%	71.2%	51.9%	203.8%
Common Equity	4.0%	(11.3%)	(3.3%)	(4.8%)	(18.8%)	(19.4%)	(20.1%)	(16.0%)	(14.1%)	(12.8%)	(12.8%)
Cash from Ops.	15.8%	--	15.3%	(30.9%)	(58.0%)	52.1%	(40.5%)	(84.8%)	(10.5%)	(37.0%)	(17.4%)
Capital Expenditures	3.9%	31.9%	(32.0%)	14.0%	(56.7%)	(24.5%)	(58.4%)	(42.8%)	(48.6%)	(54.6%)	(25.2%)
Levered Free Cash Flow	(20.1%)	(44.0%)	84.9%	(19.3%)	--	(92.0%)	(18.1%)	(62.2%)	--	--	(15.0%)
Unlevered Free Cash Flow	(33.3%)	(45.9%)	119.0%	(20.4%)	(71.7%)	(92.7%)	(9.2%)	(63.4%)	--	--	(15.5%)
Dividend per Share	(42.3%)	(42.3%)	(42.3%)	(42.3%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	0.0%	--

CAGR Over Three Years

Total Revenue	(17.5%)	(17.0%)	(16.4%)	(20.0%)	(27.3%)	(29.5%)	(27.7%)	(29.5%)	(30.6%)	(28.6%)	(28.2%)
Gross Profit	(11.7%)	(9.1%)	(7.7%)	(15.0%)	(22.6%)	(28.7%)	(17.3%)	(20.8%)	(20.4%)	(18.0%)	(17.9%)
EBITDA	(129.3%)	(9.6%)	24.9%	(0.9%)	(28.6%)	(29.5%)	(201.1%)	(16.8%)	(14.7%)	(16.0%)	(23.2%)
EBITA	--	--	--	--	--	--	--	--	--	--	--
EBIT	(185.4%)	2.6%	114.2%	(3.0%)	(38.6%)	(38.2%)	(179.9%)	(17.2%)	(13.9%)	(15.9%)	(23.1%)
Earnings from Cont. Ops.	(236.9%)	(4.2%)	(145.0%)	(22.0%)	(173.4%)	(32.9%)	(152.6%)	(17.6%)	(14.9%)	(44.9%)	(29.3%)
Net Income	(196.4%)	(17.0%)	(162.6%)	(12.6%)	(176.8%)	(32.9%)	(152.6%)	(17.6%)	(14.9%)	(44.9%)	(29.3%)
Normalized Net Income	22.0%	62.3%	(5.1%)	16.9%	(77.0%)	(60.5%)	(15.4%)	(17.1%)	(25.8%)	(8.8%)	0.1%
Diluted EPS before Extra	168.8%	25.2%	(144.9%)	(18.6%)	(176.2%)	(28.6%)	(154.2%)	(14.7%)	(10.9%)	(42.8%)	(25.8%)
Accounts Receivable	--	--	(15.7%)	4.0%	(32.2%)	(35.4%)	(31.8%)	(34.0%)	(35.2%)	(29.1%)	(29.5%)
Inventory	--	--	(10.7%)	2.6%	(11.5%)	(13.4%)	(15.7%)	(18.1%)	(18.5%)	(17.4%)	(17.4%)
Net PP&E	--	--	(20.6%)	0.8%	(21.4%)	(21.5%)	(21.3%)	(22.2%)	(22.1%)	(22.8%)	(24.4%)
Total Assets	--	--	(4.3%)	(7.9%)	(15.9%)	(16.7%)	(15.1%)	(15.6%)	(17.1%)	(17.3%)	(18.2%)
Tangible Book Value	--	--	(50.5%)	(27.4%)	17.3%	(227.6%)	24.3%	49.1%	55.3%	96.4%	(337.6%)
Common Equity	--	--	(3.6%)	4.2%	(8.5%)	(16.4%)	(10.1%)	(11.6%)	(11.7%)	(12.8%)	(14.5%)
Cash from Ops.	(31.7%)	(18.0%)	(12.5%)	(19.2%)	(26.8%)	(227.4%)	(23.3%)	(76.0%)	(21.5%)	9.5%	(10.7%)
Capital Expenditures	(21.1%)	(35.1%)	(29.5%)	13.9%	(36.7%)	(3.2%)	(41.6%)	(22.2%)	(40.5%)	(39.2%)	(39.2%)
Levered Free Cash Flow	(181.7%)	(51.9%)	(1.5%)	(10.3%)	(72.3%)	(82.5%)	2.0%	(52.0%)	114.0%	(150.2%)	16.0%
Unlevered Free Cash Flow	171.4%	(51.2%)	3.5%	(12.1%)	(71.9%)	(83.7%)	14.8%	(52.9%)	(224.3%)	(137.7%)	23.1%
Dividend per Share	(39.4%)	(39.4%)	(39.4%)	(30.7%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(30.7%)	--

CAGR Over Five Years

Total Revenue	--	--	--	--	--	--	(16.2%)	(16.9%)	(18.1%)	(16.4%)	(15.4%)
Gross Profit	--	--	--	--	--	--	(8.0%)	(12.5%)	(13.6%)	(11.0%)	(10.1%)
EBITDA	--	--	--	--	--	--	--	(13.9%)	(13.4%)	(12.2%)	(0.8%)
EBITA	--	--	--	--	--	--	--	--	--	--	--
EBIT	--	--	--	--	--	--	20.8%	(6.9%)	(6.1%)	(2.9%)	38.4%
Earnings from Cont. Ops.	--	--	--	--	--	--	(188.7%)	(6.2%)	6.9%	(16.4%)	(156.9%)
Net Income	--	--	--	--	--	--	(168.5%)	38.0%	(11.3%)	(30.5%)	(157.2%)
Normalized Net Income	--	--	--	--	--	--	(1.6%)	(4.1%)	(6.8%)	34.8%	4.4%
Diluted EPS before Extra	--	--	--	--	--	--	(193.6%)	(3.0%)	(260.5%)	(2.0%)	(157.0%)
Accounts Receivable	--	--	--	--	--	--	(19.3%)	--	--	--	(17.7%)
Inventory	--	--	--	--	--	--	(8.2%)	--	--	--	(9.1%)
Net PP&E	--	--	--	--	--	--	(12.9%)	--	--	--	(14.8%)
Total Assets	--	--	--	--	--	--	(20.7%)	--	--	--	(12.6%)
Tangible Book Value	--	--	--	--	--	--	(172.3%)	--	--	--	2.3%
Common Equity	--	--	--	--	--	--	(21.7%)	--	--	--	(7.3%)
Cash from Ops.	--	--	--	--	--	--	--	(57.4%)	(23.9%)	(26.2%)	(14.5%)
Capital Expenditures	--	--	--	--	--	--	--	(26.2%)	(33.5%)	(43.8%)	(27.8%)
Levered Free Cash Flow	--	--	--	--	--	--	--	(38.3%)	(2.3%)	(151.9%)	(7.2%)
Unlevered Free Cash Flow	--	--	--	--	--	--	--	(39.3%)	(288.8%)	(144.3%)	(4.5%)
Dividend per Share	--	--	--	--	--	--	(100.0%)	(100.0%)	(100.0%)	(26.0%)	--

Ticker: HWM US EQUITY	Sort: Ascend	Currency: <input type="checkbox"/> Reporting <input checked="" type="checkbox"/> Change USD
Period Type: Annuals	Consolidated: Yes	Accounting: Mixed

Howmet Aerospace Inc

Sector: Industrial Industry: Industria aeronáutica y de de Sub-Industry: Industria aeronáutica y de de

Pension												
For the Fiscal Period Ending	--	--	--	31/12/2014	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	--	
Currency	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD	
Pension Net Periodic Cost												
Service Cost	--	--	--	166.00	175.00	155.00	90.00	46.00	25.00	12.00	--	
Interest Cost	--	--	--	630.00	577.00	431.00	234.00	219.00	235.00	97.00	--	
Expected Return on Plan Assets	--	--	--	(782.00)	(753.00)	(677.00)	(332.00)	(306.00)	(286.00)	(136.00)	--	
Pension Expense (Income)	--	--	--	449.00	524.00	323.00	217.00	249.00	124.00	127.00	--	
Other Postretirement Cost												
Service Cost	--	--	--	15.00	14.00	13.00	7.00	7.00	7.00	3.00	--	
Interest Cost	--	--	--	114.00	92.00	63.00	30.00	28.00	28.00	10.00	--	
Expected Return on Plan Assets	--	--	--	--	--	--	--	--	--	--	--	
Other Postretirement Benefits Expense (I	--	--	--	--	82.00	76.00	34.00	7.00	(58.00)	(2.00)	--	
Pension Funded Status												
Fair Value of Plan Assets	--	--	--	--	--	4,666.00	4,862.00	4,334.00	4,868.00	1,724.00	--	
Actual Return (Loss) on Plan Assets	--	--	--	--	--	89.00	212.00	(144.00)	731.00	203.00	--	
Employer Contribution	--	--	--	--	--	296.00	310.00	298.00	268.00	227.00	--	
Benefits Paid	--	--	--	--	--	(794.00)	(425.00)	(422.00)	(453.00)	(136.00)	--	
Projected Benefit Obligation	--	--	--	--	--	7,026.00	7,359.00	6,476.00	7,249.00	2,713.00	--	
Over(Under) Funded Pension	--	--	--	--	--	(2,360.00)	(2,497.00)	(2,142.00)	(2,381.00)	(989.00)	--	
Accumulated Benefit Obligation	--	--	--	--	--	--	--	--	--	--	--	
Pension Funding Ratio	--	--	--	--	--	66.41	66.07	66.92	67.15	63.55	--	
Other Postretirement Funded Status												
Fair Value of Plan Assets	--	--	--	--	--	--	--	--	--	--	--	
Actual Return (Loss) on Plan Assets	--	--	--	--	--	--	--	--	--	--	--	
Employer Contribution	--	--	--	--	--	--	--	--	--	--	--	
Benefits Paid	--	--	--	--	--	(197.00)	(98.00)	(86.00)	(82.00)	(17.00)	--	
Projected Benefit Obligation	--	--	--	--	--	980.00	927.00	806.00	786.00	215.00	--	
Over(Under) Funded Post Ret Benefits	--	--	--	--	--	(980.00)	(927.00)	(806.00)	(786.00)	(215.00)	--	
Other Post-Retirement Funding Ratio	--	--	--	--	--	--	--	--	--	--	--	
Actuarial Assumptions												
Pension												
Expected Return on Plan Assets	--	--	--	--	--	--	--	--	--	--	--	
Discount Rate used on Plan Liabilities	--	--	--	--	--	--	--	4.35	3.00	2.40	--	
Rate of Compensation Increase	--	--	--	--	--	--	--	3.50	-	-	--	
Other Postretirement Benefits												
Expected Return on Plan Assets	--	--	--	--	--	--	--	--	--	--	--	
Discount Rate used on Plan Liabilities	--	--	--	--	--	--	--	--	--	--	--	
Health Care Cost Trend Projected(next y	--	--	--	--	--	--	--	--	--	--	--	
Pension Plan Asset Allocation												
Fair Value of Plan Assets	--	--	--	--	--	4,666.00	4,862.00	4,334.00	4,868.00	1,724.00	--	
Asset Category - Equities %	--	--	--	--	--	17.66	19.99	20.67	22.56	25.00	--	
Asset Category - Debt %	--	--	--	--	--	41.96	46.85	47.85	50.29	58.29	--	
Asset Category - Real Estate %	--	--	--	--	--	5.70	5.29	5.65	5.53	4.81	--	
Asset Category - Company Stock %	--	--	--	--	--	--	--	--	--	--	--	
Asset Category - Cash %	--	--	--	--	--	--	--	--	--	--	--	
Asset Category - Other %	--	--	--	--	--	5.21	7.38	6.18	4.93	1.33	--	
Expected Pension Payments												
Year 1	--	--	--	--	--	--	435.00	460.00	470.00	168.00	--	
Year 2	--	--	--	--	--	--	440.00	460.00	465.00	169.00	--	
Year 3	--	--	--	--	--	--	440.00	455.00	460.00	164.00	--	
Year 4	--	--	--	--	--	--	445.00	455.00	455.00	160.00	--	
Year 5	--	--	--	--	--	--	450.00	450.00	450.00	886.00	--	
Beyond Year 5	--	--	--	--	--	--	2,265.00	2,170.00	2,120.00	1,547.00	--	
Expected Postretirement Benefits												
Year 1	--	--	--	--	--	--	85.00	85.00	75.00	16.00	--	
Year 2	--	--	--	--	--	--	85.00	80.00	75.00	15.00	--	
Year 3	--	--	--	--	--	--	85.00	80.00	75.00	15.00	--	
Year 4	--	--	--	--	--	--	85.00	80.00	75.00	14.00	--	
Year 5	--	--	--	--	--	--	85.00	80.00	70.00	14.00	--	
Beyond Year 5	--	--	--	--	--	--	310.00	275.00	235.00	61.00	--	

