

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: 19,900  
 Ticker: HWM US

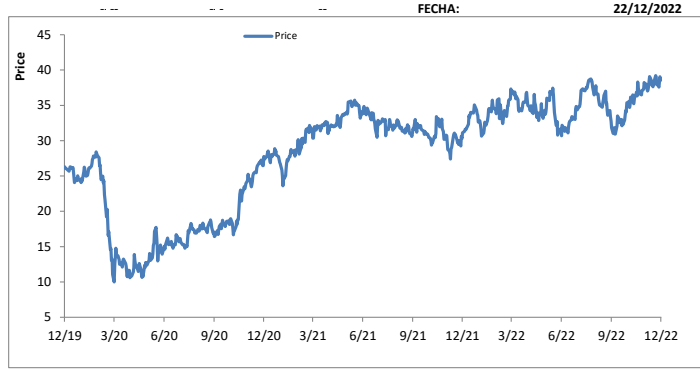
201 Isabella Street Suite 200 Pittsburgh, PA 15212 United States  
 Phone : 1-412-553-2500  
 Fax : --

38.54 -0.51 (-1.31%)

Howmet Aerospace Inc. provee productos de metal industrializados. Ofrece motores, sujetadores y estructuras, así como ruedas forjadas. Sirve a los sectores de aerospacio y transporte comercial.

#### Stock Quote & Chart (Currency: USD)

Last (delayed quote)	38.54	Market Cap (MM)	15,944.5
Open	38.67	Shares Out. (MM)	413.7
Previous Close	39.05	Float %	90.4%
Change	0.77	Shares sold short (MM)	5,425,884.0
Change %	2.01	Dividend Yield %	0.3
Day High/Day Low	38.8 / 38.0	Diluted EPS Excl. XO	
52 Wk High/52 Wk low	39.8 / 29.4	P / Diluted EPS Before XO	
Volume (MM)	2.50	Beta	1.04
Avg. Vol - 3 mo (MM)	3.05		



#### Financial Information (Currency: USD, in mm)

Revenue - LTM	5,435.0	Cash & ST Invest.	720
EBIT - LTM	846.0	Total Assets	10,219.0
EBITDA - LTM	1,172.0	Total Debt	4,346.0
Net Income - LTM	435.0	Total Liabilities	6,711.0
Total Enterprise Value	19,828	Total Equity	3,508.0
TEV/ Total Revenue	3.1 x	Cash from Operations - LTM	581.0
TEV/ EBITDA	14.2 x	Cash From Investing - LTM	-143.0
		Cash from Financing -LTM	-710.0

#### Company Notes

2015 Q1	GAAP Net Income includes: (in millions, pre-tax) a loss of \$547 from Various One-Time Items
2014 A1	GAAP Net Income Includes: (in millions, pre-tax) A loss of \$1385.000 from Other One Time Items A loss of \$403.000 from Asset Write Down A loss of \$120.000 from Impairment of Goodwill A gain of \$202.000 from Early Extinguishment of Debt
2014 Q4	GAAP Net Income includes: a gain of \$97.000 from Devaluation & other
2014 Q3	GAAP Net Income Includes: (in millions, pre-tax) A loss of \$200.000 from Restructuring A loss of \$194.000 from Asset Write Down A loss of \$132.000 from Other One Time Items A gain of \$2.000 from Early Extinguishment of Debt
2014 Q2	GAAP Net Income includes: a loss of \$0.47 per share from Various One-Time Items
2014 Q1	GAAP Net Income includes: a loss of \$0.230 per share from Various One-Time Items

#### 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
James F Albaugh "Jim"	Board Member	Masco Corp
	Board Member	Automotive Safety Coun
	Lead Director	Howmet Aerospace Inc
Robert Francis Leduc "Bob"	Board Member	American Airlines Group Inc
	Trustee	Willamette University
	Board Member	Pratt & Whitney
Jody Greenstone Miller	Board Member	Aar Corp
	Board Member	Jetblue Airways Corp
	Board Member	Howmet Aerospace Inc
	Board Member	Aerospace Industries Assn
Ulrich R Schmidt "Rick"	Ceo/Co-Founder	Business Talent Group Llc
	Board Member	Howmet Aerospace Inc
	Board Member	Lkq Corp
	Board Member	Trw Automotive Inc
Sharon R Barner	Board Member	Peer Health Exchange Inc
	Board Member	Howmet Aerospace Inc
Nicole W Piasecki	Vp/Cao/Interim Chief Hr Ofcr/Secy	Cummins Inc
	Trustee	Syracuse University
	Board Member	Howmet Aerospace Inc
Ulrich R Schmidt "Rick"	Partner	Rogers & Hardin Lip
	Chairman	Seattle University
	Board Member	Kymeta Corp
	Board Member	Howmet Aerospace Inc
Board Member		Bae Systems Plc

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

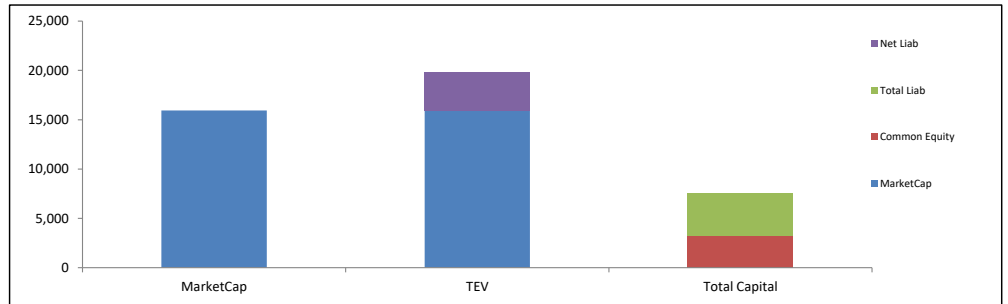
**Howmet Aerospace Inc**

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

Annuals FY -6FY -5FY -4FY -3FY -2FY -1FY 0FY -0FQ 1FY 2FY 3FY

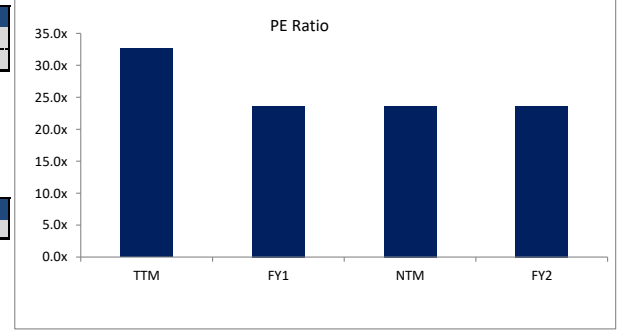
Key Financials	Actuals							LTM	Estimates		
	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	30/09/2022	30/09/2022	31/12/2022	31/12/2023	31/12/2024
For the Fiscal Period Ending	USD										
Currency	USD										
<b>Total Revenue</b>	12,413.0	12,394.0	12,960.0	14,014.0	7,098.0	5,259.0	4,972.0	1,433.0	4,972.0	1,467.3	1,467.3
<i>Growth Over Prior Year</i>	(1.0%)	(0.2%)	4.6%	8.1%	(49.4%)	(25.9%)	(5.5%)	10.4%	14.2%	14.2%	14.2%
<b>Gross Profit</b>	2,309.0	2,583.0	2,603.0	2,617.0	1,884.0	1,381.0	1,376.0	1,504.0	--	--	--
<i>Margin %</i>	18.6%	20.8%	20.1%	18.7%	26.5%	26.3%	27.7%	105.0%	--	--	--
<b>EBITDA</b>	1,908.0	1,951.0	877.0	1,901.0	1,199.0	1,031.0	1,081.0	1,172.0	330.9	330.9	330.9
<i>Margin %</i>	15.4%	15.7%	6.8%	13.6%	16.9%	19.6%	21.7%	81.8%	6.7%	22.6%	22.6%
<b>EBIT</b>	628.0	819.0	326.0	1,325.0	579.0	626.0	748.0	846.0	265.1	265.1	265.1
<i>Margin %</i>	5.1%	6.6%	2.5%	9.5%	8.2%	11.9%	15.0%	59.0%	5.3%	18.1%	18.1%
<b>Earnings from Cont. Ops.</b>	(156.0)	(1,062.0)	(74.0)	642.0	126.0	211.0	258.0	435.0	--	--	--
<i>Margin %</i>	(1.3%)	(8.6%)	(0.6%)	4.6%	1.8%	4.0%	5.2%	30.4%	--	--	--
<b>Net Income</b>	(322.0)	(941.0)	(74.0)	642.0	470.0	261.0	258.0	435.0	155.6	155.6	155.6
<i>Margin %</i>	(2.6%)	(7.6%)	(0.6%)	4.6%	6.6%	5.0%	5.2%	30.4%	3.1%	10.6%	10.6%
<b>Diluted EPS Excl. Extra Items</b>	(0.8)	(2.7)	(0.3)	1.3	0.3	0.5	0.6	1.0	0.4	0.4	0.4
<i>Growth Over Prior Year</i>	--	(226.8%)	89.7%	--	(79.2%)	77.8%	22.9%	58.5%	26.7%	26.7%	26.7%

Current Capitalization (Millions)	
Currency	USD
Share Price (USD)	38.54
Shares Out.	413.71
<b>Market Capitalization (USD)</b>	<b>15,944.46</b>
- Cash & Short Term Investments	453.00
+ Total Debt	4,282.00
+ Pref. Equity	55.00
+ Total Minority Interest	0.00
<b>= Total Enterprise Value (USD)</b>	<b>19,828.46</b>
Book Value of Common Equity	3,218.00
+ Pref. Equity	55.00
+ Total Minority Interest	0.00
+ Total Debt	4,282.00
<b>= Total Capital</b>	<b>7,555.00</b>



Valuation Multiples based on Current Capitalization					
For the Fiscal Period Ending	Actual	LTM	Estimates		
	30/09/2022	30/09/2022	30/09/2022	30/09/2022	30/09/2022
TEV/Total Revenue	3.4x	3.1x	13.2x	13.2x	13.2x
TEV/EBITDA	15.8x	14.2x	13.8x	13.8x	13.8x
TEV/EBIT	22.7x	19.7x	17.1x	17.1x	17.1x
P/Diluted EPS Before Extra	53.9x	30.0x			
P/BV	3.9x	4.0x	4.7x	4.7x	4.7x
Price/Tang BV	--	--			

Valuation Multiples for Chart				
For the Fiscal Period Ending	TTM	FY1	NTM	FY2
PE Ratio	32.6x	23.6x	23.6x	23.6x
TEV / EBITDA	14.2x	13.8x	13.8x	13.8x
Price / CF	28.0x	10.6x	10.6x	10.6x
Price / Book	5.0x	4.7x	4.7x	4.7x
Dividend Yield	0.3x	0.4x	0.4x	0.4x



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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 de Sub-Industry: Industria aeronáutica y de de

	-10FY	-9FY	-8FY	-7FY	-6FY	-5FY	-4FY	-3FY	-2FY	-1FY	-0FY
<b>Income Statement</b>											
Income Sheet as of:											
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	-	-	-	-	-	-	-	-	-	-	-
<b>Total Revenue</b>	-	-	<b>11,997.00</b>	<b>12,542.00</b>	<b>12,413.00</b>	<b>12,394.00</b>	<b>12,960.00</b>	<b>14,014.00</b>	<b>7,098.00</b>	<b>5,259.00</b>	<b>4,972.00</b>
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
<b>Gross Profit</b>	-	-	<b>2,215.00</b>	<b>2,193.00</b>	<b>2,309.00</b>	<b>2,583.00</b>	<b>2,603.00</b>	<b>2,617.00</b>	<b>1,884.00</b>	<b>1,381.00</b>	<b>1,376.00</b>
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)	-	-	-	-	-	-	-	-	-	-	-
<b>Operating Expense., Total</b>	-	-	<b>1,364.00</b>	<b>1,643.00</b>	<b>1,681.00</b>	<b>1,764.00</b>	<b>2,277.00</b>	<b>1,292.00</b>	<b>1,305.00</b>	<b>755.00</b>	<b>628.00</b>
<b>Operating Income</b>	-	-	<b>851.00</b>	<b>550.00</b>	<b>628.00</b>	<b>819.00</b>	<b>326.00</b>	<b>1,325.00</b>	<b>579.00</b>	<b>626.00</b>	<b>748.00</b>
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	2.00
<b>Net Interest Exp.</b>	-	-	<b>420.00</b>	<b>423.00</b>	<b>457.00</b>	<b>483.00</b>	<b>477.00</b>	<b>355.00</b>	<b>314.00</b>	<b>376.00</b>	<b>257.00</b>
Currency Exchange Gains (Loss)	-	-	-	23.00	51.00	(4.00)	(5.00)	26.00	5.00	(11.00)	2.00
Other Non-Operating Inc. (Exp.)	-	-	(40.00)	38.00	(14.00)	82.00	(822.00)	66.00	43.00	82.00	156.00
<b>EBT Excl. Unusual Items</b>	-	-	<b>471.00</b>	<b>66.00</b>	<b>134.00</b>	<b>258.00</b>	<b>676.00</b>	<b>878.00</b>	<b>217.00</b>	<b>179.00</b>	<b>333.00</b>
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)
<b>EBT Incl. Unusual Items</b>	-	-	<b>471.00</b>	<b>113.00</b>	<b>183.00</b>	<b>414.00</b>	<b>470.00</b>	<b>868.00</b>	<b>210.00</b>	<b>171.00</b>	<b>324.00</b>
Income Tax Expense	-	-	531.00	174.00	339.00	1,476.00	544.00	226.00	84.00	(40.00)	66.00
<b>Earnings from Cont. Ops.</b>	-	-	<b>(60.00)</b>	<b>(61.00)</b>	<b>(156.00)</b>	<b>(1,062.00)</b>	<b>(74.00)</b>	<b>642.00</b>	<b>126.00</b>	<b>211.00</b>	<b>258.00</b>
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	-	-	-	-	-
<b>Net Income</b>	-	-	<b>(63.00)</b>	<b>268.00</b>	<b>(322.00)</b>	<b>(941.00)</b>	<b>(74.00)</b>	<b>642.00</b>	<b>470.00</b>	<b>261.00</b>	<b>258.00</b>
Pref. Dividends	-	-	-	21.00	69.00	69.00	52.00	2.00	2.00	2.00	2.00
Other Adj	-	-	-	-	-	-	-	-	-	-	-
<b>NI to Common Incl Extra Items</b>	-	-	<b>(63.00)</b>	<b>247.00</b>	<b>(391.00)</b>	<b>(1,010.00)</b>	<b>(126.00)</b>	<b>640.00</b>	<b>468.00</b>	<b>259.00</b>	<b>256.00</b>
Abnormal Losses (Gains)	-	-	86.00	301.00	236.00	359.00	429.00	111.00	622.00	325.00	277.00
Tax Effect on Abnormal Items	-	-	(30.10)	(105.35)	207.39	1,173.14	263.00	(62.17)	(156.47)	(175.68)	(83.52)
<b>NI to Common Excl. Extra Items</b>	-	-	<b>(7.10)</b>	<b>442.65</b>	<b>52.39</b>	<b>522.14</b>	<b>566.00</b>	<b>688.83</b>	<b>933.53</b>	<b>408.32</b>	<b>449.48</b>
<b>Per Share Items</b>											
Basic EPS	-	-	(0.18)	0.64	(0.93)	(2.30)	(0.28)	1.33	1.05	0.60	0.59
Basic EPS Excl. Extra Items	-	-	(0.18)	0.02	(0.83)	(2.72)	(0.28)	1.33	0.28	0.48	0.59
Weighted Avg. Basic Shares Out.	-	-	356.50	387.00	420.00	438.28	451.00	483.00	446.00	435.00	430.00
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	463.00	439.00	435.00
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	1.28	0.82	1.03
Dividends per Share	-	-	-	1,548.00	-	-	-	18.28	43.16	4.16	6.72
Payout Ratio %	-	-	-	-	-	-	-	-	-	-	-
<b>Supplemental Items</b>											
EBITA	-	-	-	605.00	695.00	884.00	397.00	1,406.00	637.00	733.00	847.00
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	589.53	358.32	449.48
Interest Capitalized	-	-	-	22.00	27.00	32.00	22.00	23.00	33.00	11.00	8.00
<b>Supplemental Operating Expense Items</b>											
Net Rental Exp.	-	-	-	-	-	-	-	-	-	-	-
Stock-Based Comp., Unallocated	-	-	-	87.00	92.00	86.00	67.00	50.00	60.00	45.00	41.00
<b>Stock-Based Comp., Total</b>	-	-	-	<b>87.00</b>	<b>92.00</b>	<b>86.00</b>	<b>67.00</b>	<b>50.00</b>	<b>60.00</b>	<b>45.00</b>	<b>41.00</b>

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Y	-10FY	-9FY	-8FY	-7FY	-6FY	-5FY	-4FY	-3FY	-2FY	-1FY	-0FY
<b>Balance Sheet</b>											
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	31/12/2021
Currency	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
<b>ASSETS</b>											
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	-	-	-	-	-	-	-	-	-	-	-
<b>Total Cash &amp; ST Investments</b>	-	-	-	-	<b>1,362.00</b>	<b>1,863.00</b>	<b>2,150.00</b>	<b>2,277.00</b>	<b>1,577.00</b>	<b>1,610.00</b>	<b>720.00</b>
Accounts & Notes Receivable	-	-	-	-	960.00	974.00	1,035.00	1,047.00	583.00	328.00	367.00
<b>Total Receivables</b>	-	-	-	-	<b>960.00</b>	<b>974.00</b>	<b>1,035.00</b>	<b>1,047.00</b>	<b>583.00</b>	<b>328.00</b>	<b>367.00</b>
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
<b>Total Current Assets</b>	-	-	-	-	<b>7,953.00</b>	<b>5,892.00</b>	<b>6,378.00</b>	<b>6,581.00</b>	<b>5,843.00</b>	<b>3,672.00</b>	<b>2,737.00</b>
<b>Net Property, Plant &amp; Equipment</b>	-	-	-	-	<b>5,425.00</b>	<b>5,499.00</b>	<b>5,594.00</b>	<b>5,704.00</b>	<b>2,754.00</b>	<b>2,723.00</b>	<b>2,575.00</b>
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	4,723.00
<b>Total Assets</b>	-	-	-	-	<b>36,477.00</b>	<b>20,038.00</b>	<b>18,718.00</b>	<b>18,693.00</b>	<b>17,562.00</b>	<b>11,443.00</b>	<b>10,219.00</b>
<b>LIABILITIES</b>											
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	38.00
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	224.00
<b>Total Current Liabilities</b>	-	-	-	-	<b>5,211.00</b>	<b>2,749.00</b>	<b>2,824.00</b>	<b>3,520.00</b>	<b>4,125.00</b>	<b>1,660.00</b>	<b>1,253.00</b>
Long-Term Debt	-	-	-	-	8,786.00	8,044.00	6,806.00	5,896.00	5,004.00	4,799.00	4,308.00
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	1,150.00
<b>Total Liabilities</b>	-	-	-	-	<b>22,346.00</b>	<b>14,897.00</b>	<b>13,794.00</b>	<b>13,108.00</b>	<b>12,957.00</b>	<b>7,866.00</b>	<b>6,711.00</b>
Pref. Stock, Non-Redeem.	-	-	-	-	55.00	58.00	54.60	54.60	54.60	54.60	54.60
<b>Total Pref. Equity</b>	-	-	-	-	<b>55.00</b>	<b>58.00</b>	<b>54.60</b>	<b>54.60</b>	<b>54.60</b>	<b>54.60</b>	<b>54.60</b>
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	4,713.40
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)
<b>Total Common Equity</b>	-	-	-	-	<b>14,076.00</b>	<b>5,083.00</b>	<b>4,869.40</b>	<b>5,530.40</b>	<b>4,550.40</b>	<b>3,522.40</b>	<b>3,453.40</b>
<b>Total Equity</b>	-	-	-	-	<b>14,131.00</b>	<b>5,141.00</b>	<b>4,924.00</b>	<b>5,585.00</b>	<b>4,605.00</b>	<b>3,577.00</b>	<b>3,508.00</b>
<b>Total Liabilities And Equity</b>	-	-	-	-	<b>36,477.00</b>	<b>20,038.00</b>	<b>18,718.00</b>	<b>18,693.00</b>	<b>17,562.00</b>	<b>11,443.00</b>	<b>10,219.00</b>
<b>Supplemental Items</b>											
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)	(1,162.60)
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	4,346.00
Net Debt	-	-	-	-	7,465.00	6,221.00	4,694.00	4,053.00	4,499.00	3,603.00	3,626.00
Total Minority Interest	-	-	-	-	2,085.00	26.00	14.00	12.00	14.00	-	-
Inventory Method	Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out) Last-in-first-out)										
Raw Materials in Inventory	-	-	-	-	425.00	408.00	381.00	366.00	299.00	292.00	256.00
Work in Progress Inventory	-	-	-	-	1,115.00	1,144.00	1,349.00	1,371.00	741.00	629.00	631.00
Finished Goods Inventory	-	-	-	-	672.00	625.00	669.00	668.00	524.00	528.00	478.00
Other Inventory Accounts	-	-	-	-	72.00	76.00	81.00	87.00	43.00	39.00	37.00
Accum. Allowance for Doubtful Accts	-	-	-	-	8.00	13.00	8.00	4.00	1.00	1.00	1.00
Full Time Employees	-	-	-	-	-	41,500.00	41,500.00	43,000.00	41,700.00	19,700.00	19,900.00



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

Y		-10FY	-9FY	-8FY	-7FY	-6FY	-5FY	-4FY	-3FY	-2FY	-1FY	-0FY
Multiples					31/12/2014	31/12/2015	31/12/2016	31/12/2017	31/12/2018	31/12/2019	31/12/2020	31/12/2021
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	15.8x
	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	24.1x	34.8x	30.8x
	Average	--	--	--	--	--	72.4x	27.7x	14.4x	14.3x	14.7x	38.1x
	High	--	--	--	--	--	81.8x	33.0x	20.5x	20.1x	34.8x	43.6x
	Low	--	--	--	--	--	20.0x	18.1x	10.1x	10.2x	7.8x	28.8x
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	1379.4x	30.5x
	Average	--	--	--	--	--	4.4x	10.8x	11.7x	44.3x	23.4x	1507.4x
	High	--	--	--	--	--	7.8x	14.6x	31.3x	59.0x	1379.4x	1727.0x
	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

	-10FQ	-9FQ	-8FQ	-7FQ	-6FQ	-5FQ	-4FQ	-3FQ	-2FQ	-1FQ	-0FQ
Ratios											
For the Fiscal Period Ending	31/03/2020	30/06/2020	30/09/2020	31/12/2020	31/03/2021	30/06/2021	30/09/2021	31/12/2021	31/03/2022	30/06/2022	30/09/2022
<b>Profitability</b>											
Return on Assets	2.7%	3.6%	3.2%	1.8%	0.9%	2.7%	2.6%	2.4%	2.9%	3.7%	4.3%
Return on Capital	6.0%	7.2%	7.5%	5.8%	4.0%	6.5%	6.7%	5.8%	6.4%	7.4%	8.0%
Return on Equity	10.1%	12.8%	11.4%	6.5%	3.0%	8.5%	8.1%	7.3%	8.7%	11.0%	12.8%
<b>Margin Analysis</b>											
Gross Margin	27.6%	26.3%	20.6%	29.6%	27.8%	28.3%	27.7%	27.0%	28.2%	29.1%	26.3%
SG&A Margin	--	--	--	--	--	--	--	--	--	--	--
EBITDA Margin	17.7%	22.0%	20.2%	19.6%	18.6%	21.4%	23.4%	21.7%	22.0%	21.8%	21.6%
EBIT Margin	8.9%	13.6%	12.0%	11.9%	11.5%	14.4%	16.7%	15.0%	15.5%	15.6%	15.6%
Earnings from Cont. Ops Margin	15.8%	5.9%	6.4%	17.9%	15.6%	17.3%	16.0%	11.4%	17.4%	17.3%	15.9%
Net Income Margin	13.2%	-7.7%	3.2%	8.6%	6.6%	6.2%	2.1%	6.0%	9.9%	10.6%	5.6%
Normalized Net Income Margin	11.7%	0.1%	0.7%	7.4%	8.0%	6.4%	9.7%	10.2%	10.1%	10.0%	6.6%
Free Cash Flow Margin	-22.0%	-0.1%	-0.1%	5.5%	-5.0%	4.1%	1.6%	18.8%	-0.5%	8.2%	1.6%
<b>Asset Turnover</b>											
Total Asset Turnover	0.4x	0.4x	0.4x	0.4x	0.3x	0.4x	0.5x	0.5x	0.5x	0.5x	0.5x
Fixed Asset Turnover	1.2x	1.5x	1.4x	1.9x	1.2x	1.8x	1.9x	1.9x	2.0x	2.1x	2.2x
Accounts Receivable Turnover	5.7x	8.4x	8.1x	11.5x	5.9x	14.0x	13.7x	14.3x	12.4x	12.9x	11.3x
Inventory Turnover	2.0x	2.2x	2.1x	2.5x	1.8x	2.2x	2.3x	2.5x	2.5x	2.5x	2.6x
<b>Short Term Liquidity</b>											
Current Ratio	1.7x	2.2x	2.3x	2.2x	2.0x	2.3x	2.3x	2.2x	2.2x	2.1x	2.1x
Quick Ratio	0.9x	1.0x	1.1x	1.2x	0.9x	0.8x	0.9x	0.9x	0.8x	0.8x	0.7x
Cash from Ops. To Curr Liab	0.6x	0.8x	0.9x	1.0x	0.7x	0.6x	0.6x	0.6x	0.4x	0.4x	0.3x
Ave. Davs Sales Out.	64.5x	43.3x	45.3x	31.7x	61.5x	26.0x	26.6x	25.5x	29.3x	28.2x	32.2x
Ave. Davs Inventory Out.	183.7x	166.9x	177.5x	146.1x	202.8x	163.1x	155.7x	146.7x	145.9x	144.9x	140.8x
Ave. Davs Payable Out.	146.0x	137.8x	138.6x	76.7x	174.2x	70.7x	63.4x	69.2x	67.7x	67.5x	64.5x
Ave. Cash Conversion Cycle	102.2x	77.5x	84.2x	101.1x	90.1x	118.8x	118.9x	103.0x	107.6x	105.6x	108.4x
<b>Long Term Solvency</b>											
Total Debt/Equity	153.8%	151.1%	148.8%	145.7%	132.3%	121.4%	123.2%	123.9%	125.6%	125.2%	130.8%
Total Debt/Capital	60.6%	60.2%	59.8%	59.3%	56.9%	54.8%	55.2%	55.3%	55.7%	55.6%	56.7%
LT Debt/Equity	126.2%	141.0%	138.9%	136.2%	119.7%	121.9%	123.7%	124.7%	126.6%	126.3%	132.1%
LT Debt/Capital	49.0%	55.3%	55.0%	54.6%	50.8%	54.2%	54.6%	54.9%	55.2%	55.2%	56.3%
Total Liabilities/Total Assets	51.8%	55.1%	55.2%	54.2%	51.3%	53.5%	53.8%	53.4%	53.5%	52.8%	53.1%
EBIT / Interest Exp.	3.07x	0.51x	0.95x	2.91x	2.63x	2.33x	3.25x	2.53x	3.97x	4.23x	4.00x
EBITDA / Interest Exp.	4.82x	1.15x	2.05x	3.97x	3.81x	3.26x	4.57x	3.95x	5.38x	5.65x	5.42x
(EBITDA-CAPEX) / Interest Exp.	3.01x	0.93x	0.51x	3.97x	3.04x	2.85x	3.83x	2.90x	4.31x	4.88x	4.68x
Total Debt/EBITDA	5.99x	3.69x	4.48x	5.06x	5.38x	4.27x	3.82x	4.02x	3.88x	3.72x	3.65x
Net Debt/EBITDA	3.88x	2.78x	3.30x	3.49x	4.01x	3.57x	3.19x	3.35x	3.41x	3.26x	3.27x
Altman Z Score	1.27	2.32	2.18	2.46	2.61	3.01	2.99	3.01	3.26	3.19	3.23
<b>Growth Over Prior Year</b>											
Total Revenue	(53.9%)	(31.1%)	(36.8%)	(28.6%)	(26.0%)	(4.6%)	13.1%	3.8%	9.5%	16.6%	11.7%
Gross Profit	(37.6%)	(31.7%)	(50.9%)	(21.3%)	(25.5%)	2.4%	51.7%	(5.2%)	11.3%	20.1%	6.2%
EBITDA	(26.1%)	(1,206.7%)	(61.3%)	(30.4%)	(32.3%)	74.7%	82.3%	(24.2%)	13.9%	11.0%	7.3%
FRITA	--	--	--	--	--	--	--	--	--	--	--
EBIT	(31.0%)	(142.0%)	(71.5%)	(22.5%)	(26.7%)	179.7%	180.8%	(33.5%)	21.7%	16.4%	11.2%
Earnings from Cont. Ops.	(18.2%)	(38.2%)	(37.9%)	(10.2%)	(47.7%)	(188.1%)	(25.0%)	(27.4%)	63.8%	98.6%	196.3%
Net Income	15.0%	(20.7%)	(62.1%)	(65.7%)	(62.8%)	(177.1%)	(25.0%)	(27.4%)	63.8%	98.6%	196.3%
Normalized Net Income	(8.2%)	(99.1%)	(93.7%)	(0.5%)	(49.3%)	4,153.3%	1,541.8%	43.0%	37.3%	83.0%	(24.2%)
Diluted EPS before Extra	(10.3%)	(38.7%)	(38.5%)	(11.1%)	(48.6%)	(189.5%)	(25.0%)	(25.0%)	72.2%	105.9%	216.7%
Accounts Receivable	10.3%	(68.5%)	(72.2%)	(43.7%)	(73.7%)	(13.2%)	31.6%	11.9%	41.3%	58.5%	34.8%
Inventory	(3.8%)	(35.8%)	(37.7%)	(7.4%)	(42.2%)	(13.0%)	(10.8%)	(5.8%)	2.1%	7.3%	13.5%
Net PP&E	(7.1%)	(53.8%)	(52.6%)	(1.1%)	(52.7%)	(1.4%)	(2.7%)	(5.4%)	(5.4%)	(7.2%)	(7.9%)
Total Assets	0.6%	(36.6%)	(35.1%)	(34.8%)	(40.6%)	(8.7%)	(8.7%)	(10.7%)	(7.7%)	(3.2%)	(4.1%)
Tangible Book Value	24.9%	225.2%	148.8%	789.2%	178.4%	(9.9%)	(7.3%)	3.7%	19.1%	10.1%	18.6%
Common Equity	(7.5%)	(29.3%)	(25.8%)	(22.4%)	(23.7%)	4.4%	2.3%	(2.0%)	(5.7%)	(5.0%)	(8.7%)
Cash from Ops.	(19.4%)	(70.8%)	(47.7%)	(87.9%)	(97.1%)	174.2%	(43.7%)	345.6%	(1,016.7%)	85.9%	(3.0%)
Capital Expenditures	(9.5%)	(76.5%)	(47.8%)	(100.0%)	(63.8%)	12.5%	(60.5%)	--	12.7%	22.2%	(10.6%)
Levered Free Cash Flow	(15.5%)	(96.7%)	(98.3%)	(80.4%)	(83.1%)	(5,000.0%)	(2,100.0%)	255.9%	(88.5%)	132.7%	15.0%
Unlevered Free Cash Flow	(18.9%)	(95.0%)	(98.5%)	(80.2%)	(83.5%)	(2,500.0%)	(1,100.0%)	249.3%	(73.8%)	118.8%	40.0%
Dividend per Share	(75.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	--	--	--	--	--	0.0%

**CAGR Over Two Years**

Total Revenue	(31.1%)	(40.8%)	(43.3%)	(40.3%)	(41.6%)	(18.9%)	(15.4%)	(13.9%)	(10.0%)	5.4%	12.4%
Gross Profit	(18.4%)	(29.8%)	(39.7%)	(28.6%)	(31.8%)	(16.3%)	(13.7%)	(13.6%)	(8.9%)	10.9%	26.9%
EBITDA	(7.7%)	(40.4%)	(43.0%)	(20.0%)	(29.3%)	--	(16.0%)	(27.4%)	(12.2%)	39.3%	39.8%
EBITA	--	--	--	--	--	--	--	--	--	--	--
FRIT	(17.0%)	(57.2%)	(54.0%)	(17.3%)	(28.9%)	--	(10.5%)	(28.2%)	(5.6%)	80.5%	76.7%
Earnings from Cont. Ops.	3.4%	--	(52.7%)	(30.3%)	(34.6%)	--	(31.8%)	(19.2%)	(7.5%)	--	49.1%
Net Income	22.6%	--	(52.7%)	(30.3%)	(34.6%)	--	(46.7%)	(50.1%)	(21.9%)	--	49.1%
Normalized Net Income	6.0%	(90.2%)	(78.5%)	(17.1%)	(31.7%)	(37.9%)	2.0%	19.3%	(16.6%)	782.3%	252.9%
Diluted EPS before Extra	9.9%	--	(50.0%)	(26.1%)	(32.1%)	--	(32.1%)	(18.4%)	(5.9%)	--	54.1%
Accounts Receivable	4.6%	(44.0%)	(48.0%)	(44.0%)	(46.2%)	(47.7%)	(39.5%)	(20.7%)	(39.1%)	17.3%	33.2%
Inventory	(2.6%)	(20.7%)	(22.1%)	(22.7%)	(25.4%)	(25.3%)	(25.4%)	(6.6%)	(23.2%)	(3.3%)	0.6%
Net PP&F	(0.7%)	(30.8%)	(31.7%)	(30.9%)	(31.7%)	(37.5%)	(37.1%)	(3.3%)	(31.1%)	(4.3%)	(5.3%)
Total Assets	0.7%	(21.0%)	(21.3%)	(21.8%)	(22.7%)	(23.9%)	(23.0%)	(23.7%)	(25.9%)	(5.9%)	(6.4%)
Tangible Book Value	9.1%	103.9%	185.9%	--	86.5%	71.7%	51.9%	203.7%	87.1%	(0.4%)	4.8%
Common Equity	(4.8%)	(18.8%)	(19.4%)	(20.1%)	(16.0%)	(14.1%)	(12.9%)	(12.7%)	(15.2%)	(0.4%)	(3.4%)
Cash from Ops.	(30.9%)	(58.0%)	52.1%	(60.0%)	(84.8%)	(10.5%)	(37.0%)	(26.5%)	--	125.8%	(25.8%)
Capital Expenditures	14.0%	(56.7%)	(24.5%)	(100.0%)	(42.8%)	(48.6%)	(54.6%)	(46.6%)	(36.1%)	17.3%	(40.6%)
Levered Free Cash Flow	(19.3%)	--	(92.0%)	(33.8%)	(62.2%)	--	--	(16.5%)	(86.1%)	--	--
Unlevered Free Cash Flow	(20.4%)	(71.7%)	(92.7%)	(26.8%)	(63.4%)	--	--	(16.8%)	(79.2%)	--	--
Dividend per Share	(42.3%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	0.0%	0.0%	0.0%	--	--

**CAGR Over Three Years**

Total Revenue	(20.0%)	(27.3%)	(29.5%)	(27.7%)	(29.5%)	(30.6%)	(28.6%)	(28.2%)	(28.0%)	(8.5%)	(7.2%)
Gross Profit	(15.0%)	(22.6%)	(28.7%)	(17.3%)	(20.8%)	(20.4%)	(18.0%)	(17.9%)	(17.9%)	(5.6%)	(7.5%)
EBITDA	(0.9%)	(28.6%)	(29.5%)	(20.1%)	(16.8%)	(14.7%)	(16.0%)	(21.4%)	(17.1%)	(377.9%)	(8.8%)
EBITA	--	--	--	--	--	--	--	--	--	--	--
EBIT	(3.0%)	(38.6%)	(38.2%)	(179.9%)	(17.2%)	(13.9%)	(15.9%)	(23.1%)	(15.0%)	(211.0%)	(3.8%)
Earnings from Cont. Ops.	(22.0%)	(173.4%)	(32.9%)	(152.6%)	(18.1%)	(14.9%)	(44.9%)	(29.3%)	(11.2%)	(202.6%)	11.3%
Net Income	(12.6%)	(176.8%)	(32.9%)	(152.6%)	(17.6%)	(14.9%)	(44.9%)	(29.3%)	(11.2%)	(206.7%)	(5.6%)
Normalized Net Income	16.9%	(77.0%)	(60.5%)	(15.4%)	(17.1%)	(25.8%)	(8.8%)	(0.6%)	(13.8%)	(10.9%)	(7.6%)
Diluted EPS before Extra	(18.6%)	(176.2%)	(28.6%)	(154.2%)	(14.7%)	(10.9%)	(42.8%)	(25.8%)	(7.4%)	(204.1%)	13.5%
Accounts Receivable	4.0%	(37.2%)	(35.4%)	(31.8%)	(34.0%)	(35.7%)	(29.1%)	(29.5%)	(25.7%)	(24.3%)	(21.0%)
Inventory	2.6%	(11.5%)	(13.4%)	(18.1%)	(18.1%)	(18.5%)	(17.4%)	(17.4%)	(15.7%)	(15.7%)	(14.2%)
Net PP&E	0.8%	(21.4%)	(21.5%)	(21.3%)	(22.2%)	(22.1%)	(22.8%)	(23.3%)	(25.4%)	(25.0%)	(24.8%)
Total Assets	(7.9%)	(15.9%)	(16.7%)	(15.1%)	(15.6%)	(17.1%)	(17.3%)	(18.0%)	(18.0%)	(17.5%)	(17.2%)
Tangible Book Value	(27.4%)	17.3%	(227.6%)	24.3%	49.1%	55.3%	96.4%	(337.5%)	60.6%	47.8%	39.8%
Common Equity	4.2%	(8.5%)	(16.4%)	(10.1%)	(11.6%)	(11.7%)	(12.8%)	(14.5%)	(12.7%)	(11.2%)	(11.5%)
Cash from Ops.	(19.2%)	(26.8%)	(227.4%)	(41.2%)	(76.0%)	(21.5%)	9.5%	(10.7%)	(159.7%)	14.2%	(27.3%)
Capital Expenditures	13.9%	(36.7%)	(3.2%)	(100.0%)	(22.2%)	(40.5%)	(39.2%)	(39.2%)	(28.3%)	(31.4%)	(43.1%)
Levered Free Cash Flow	(10.3%)	(72.3%)	(82.5%)	(11.5%)	(52.0%)	114.0%	(150.2%)	16.0%	(74.6%)	(256.0%)	(173.1%)
Unlevered Free Cash Flow	(12.1%)	(71.9%)	(83.7%)	(0.5%)	(52.9%)	(224.3%)	(137.7%)	23.2%	(67.2%)	(237.9%)	(159.0%)
Dividend per Share	(30.7%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(30.7%)	(30.7%)	(37.0%)	0.0%	0.0%

**CAGR Over Five Years**

Total Revenue	--	--	--	(16.2%)	(16.9%)	(18.1%)	(16.4%)	(15.4%)	(16.1%)	(15.6%)	(15.0%)
Gross Profit	--	--	--	(8.0%)	(12.5%)	(13.6%)	(11.0%)	(10.1%)	(12.6%)	(10.6%)	(10.2%)
EBITDA	--	--	--	--	(13.9%)	(13.4%)	(12.2%)	0.5%	(5.6%)	(6.8%)	(7.2%)
EBITA	--	--	--	--	--	--	--	--	--	--	--
EBIT	--	--	--	20.8%	(6.9%)	(6.1%)	(2.9%)	38.4%	(4.1%)	(5.5%)	(6.0%)
Earnings from Cont. Ops.	--	--	--	(188.7%)	(6.2%)	6.9%	(16.4%)	(156.9%)	(16.5%)	(7.1%)	(7.6%)
Net Income	--	--	--	(168.5%)	38.0%	(11.3%)	(30.5%)	(157.2%)	(16.5%)	(7.1%)	(7.6%)
Normalized Net Income	--	--	--	(1.6%)	(4.1%)	(6.8%)	34.8%	4.0%	2.1%	(1.0%)	(5.1%)
Diluted EPS before Extra	--	--	--	(193.6%)	(3.0%)	(260.5%)	(2.0%)	(157.0%)	(13.8%)	(4.0%)	(2.9%)
Accounts Receivable	--	--	--	(19.3%)	--	--	--	(17.7%)	(16.0%)	(15.6%)	(13.7%)
Inventory	--	--	--	(8.2%)	--	--	--	(9.1%)	(8.6%)	(8.3%)	(8.1%)
Net PP&E	--	--	--	(12.9%)	--	--	--	(14.1%)	(14.5%)	(15.0%)	(15.4%)
Total Assets	--	--	--	(20.7%)	--	--	--	(12.6%)	(12.9%)	(12.1%)	(12.4%)
Tangible Book Value	--	--	--	(172.3%)	--	--	--	2.3%	4.9%	9.9%	(217.9%)
Common Equity	--	--	--	(21.7%)	--	--	--	(7.3%)	(4.0%)	(5.4%)	(11.4%)
Cash from Ops.	--	--	--	--	(57.4%)	(23.9%)	(26.2%)	(14.5%)	(167.4%)	14.9%	(202.7%)
Capital Expenditures	--	--	--	--	(26.2%)	(33.5%)	(43.8%)	(27.8%)	(9.7%)	(19.0%)	(20.3%)
Levered Free Cash Flow	--	--	--	--	(38.3%)	(2.3%)	(151.9%)	(7.2%)	(57.4%)	(219.4%)	(165.7%)
Unlevered Free Cash Flow	--	--	--	--	(39.3%)	(288.8%)	(144.3%)	(4.5%)	(50.6%)	(203.1%)	(157.0%)
Dividend per Share	--	--	--	(100.0%)	(100.0%)	(100.0%)	(26.0%)	(26.0%)	(19.7%)	(19.7%)	(19.7%)



Ticker: <b>HWM US EQUITY</b>	Sort: <b>Ascend</b>	Currency: <b>USD</b>	Reporting: <b>Change</b>
Period Type: <b>Quarters</b>	Consolidated: <b>Yes</b>	Accounting: <b>Mixed</b>	

**Howmet Aerospace Inc**

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

	-4FQ	-3FQ	-2FQ	-1FQ	-0FQ
<b>WACC</b>					
For the Fiscal Period Ending	30/09/2021	31/12/2021	31/03/2022	30/06/2022	30/09/2022
	%	%	%	%	%
<b>Equity</b>					
Cost of Equity	15.0%	13.8%	10.4%	10.8%	9.9%
Weight of Equity	75.0%	75.3%	77.3%	75.1%	74.7%
<b>+ Debt</b>					
Cost of Debt	2.0%	1.8%	2.9%	3.9%	4.7%
Weight of Debt	24.7%	24.4%	22.4%	24.6%	25.0%
<b>+ Preferred Equity</b>					
Cost of Pref Equity	5.5%	5.5%	5.5%	3.6%	3.6%
Weight of Pref Equity	0.3%	0.3%	0.3%	0.3%	0.3%
<b>WACC</b>	<b>11.8%</b>	<b>10.9%</b>	<b>8.7%</b>	<b>9.0%</b>	<b>8.6%</b>

<b>Capital Structure</b>															
For the Fiscal Period Ending															
Currency	30/09/2021			31/12/2021			31/03/2022			30/06/2022			30/09/2022		
	Millions	USD	% of Total	Millions	USD	% of Total	Millions	USD	% of Total	Millions	USD	% of Total	Millions	USD	% of Total
Hist Market Cap	48.0		0.3%	38.0		0.2%	35.0		0.2%	33.0		0.2%	32.0		0.2%
ST Borrowings	4,360.0		24.5%	4,308.0		24.2%	4,306.0		22.2%	4,251.0		24.4%	4,250.0		24.8%
LT Borrowings	55.0		0.3%	54.6		0.3%	55.0		0.3%	55.0		0.3%	55.0		0.3%
Pref Equity	17,816.6		100.0%	17,823.1		100.0%	19,405.4		100.0%	17,431.9		100.0%	17,142.0		100.0%
<b>Total Capital</b>															

<b>Debt Summary Data</b>															
For the Fiscal Period Ending															
Currency	30/09/2021			31/12/2021			31/03/2022			30/06/2022			30/09/2022		
	Millions	USD	% of Total	Millions	USD	% of Total	Millions	USD	% of Total	Millions	USD	% of Total	Millions	USD	% of Total
Total Commercial Paper	0.0		0.0%	0.0		0.0%	--		--	--		--	--		--
Total Revolving Credit	53.0		1.2%	450.0		10.4%	53.0		1.2%	53.0		1.2%	53.0		1.2%
Total Capital Leases	--		--	0.0		0.0%	--		--	--		--	--		--
General/Other Borrowings	4,408.0		100.0%	4,346.0		100.0%	4,341.0		100.0%	4,284.0		100.0%	4,282.0		100.0%
<b>Total Principal Due</b>															
<b>Total Debt Outstanding</b>	<b>4,408.0</b>			<b>4,346.0</b>			<b>4,341.0</b>			<b>4,284.0</b>			<b>4,282.0</b>		
<b>Additional Totals</b>															
Total Cash & ST Investments	724.0		16.4%	720.0		16.6%	520.0		12.0%	537.0		12.5%	453.0		10.6%
Net Debt	3,684.0		83.6%	3,626.0		83.4%	3,821.0		88.0%	3,747.0		87.5%	3,829.0		89.4%
Total Short-Term Borrowings	48.0		1.1%	38.0		0.9%	35.0		0.8%	33.0		0.8%	32.0		0.7%
Curr. Port. of LT Debt/Cap. Leases	48.0		1.1%	38.0		0.9%	35.0		0.8%	33.0		0.8%	32.0		0.7%
Long-Term Debt (Incl. Cap. Leases)	4,360.0		98.9%	4,308.0		99.1%	4,306.0		99.2%	4,251.0		99.2%	4,250.0		99.3%
Total Secured Debt	--		--	--		--	--		--	--		--	--		--
Fixed Rate Debt	--		--	--		--	--		--	--		--	--		--
Variable Rate Debt	--		--	--		--	--		--	--		--	--		--
<b>Credit Ratios</b>															
Net Debt/EBITDA	3.2x			3.4x			3.4x			3.3x			3.3x		
Total Debt/EBITDA	3.8x			4.0x			3.9x			3.7x			3.7x		
Operating Income/Total Debt	0.0x			0.0x			0.1x			0.1x			0.1x		
LTM FCF/Total Debt	0.0x			0.1x			0.1x			0.1x			0.1x		
LTM CFO/Total Debt	0.0x			0.1x			0.1x			0.1x			0.1x		
EBIT/Interest Expense	3.3x			2.5x			4.0x			4.2x			4.0x		
EBIT/Total Interest Expense	3.3x			2.5x			4.0x			4.2x			4.0x		
Degree of Financial Leverage	1.4x			1.7x			1.3x			1.3x			1.3x		
(EBITDA-CAPEX)/Interest Expense	3.8x			2.9x			4.3x			4.9x			4.7x		
EBITDA/Total Interest Expense	4.6x			3.9x			5.4x			5.6x			5.4x		

<b>Debt Schedule</b>															
Debt Schedule In Yr 1	--		--	0.0		0.0%	--		--	--		--	--		--
Debt Schedule In Yr 2	0.0		0.0%	0.0		0.0%	--		--	1,090.0		26.1%	--		--
Debt Schedule In Yr 3	0.0		0.0%	0.0		0.0%	--		--	600.0		14.4%	--		--
Debt Schedule In Yr 4	1,197.0		27.9%	1,750.0		41.4%	1,150.0		27.2%	--		--	1,090.0		26.1%
Debt Schedule In Yr 5	600.0		14.0%	625.0		14.8%	1,225.0		29.0%	925.0		22.2%	1,225.0		29.4%
Debt Schedule - Years 2 - 3	0.0		0.0%	0.0		0.0%	--		--	1,690.0		40.5%	--		--
Debt Schedule - Years 4 - 5	1,797.0		41.9%	2,375.0		56.1%	2,375.0		56.1%	925.0		22.2%	2,315.0		55.5%
Debt Schedule - Years 2 - 5	1,797.0		41.9%	2,375.0		56.1%	2,375.0		56.1%	2,615.0		62.7%	2,315.0		55.5%
Debt Schedule Beyond Yr 5	2,489.0		58.1%	1,857.0		43.9%	1,856.0		43.9%	1,555.0		37.3%	1,856.0		44.5%
<b>Debt Schedule - Total Debt</b>	<b>4,286.0</b>		<b>100.0%</b>	<b>4,232.0</b>		<b>100.0%</b>	<b>4,231.0</b>		<b>100.0%</b>	<b>4,170.0</b>		<b>100.0%</b>	<b>4,171.0</b>		<b>100.0%</b>

<b>Capital Lease Schedule</b>															
Capital Leases - Year 1	--		--	--		--	--		--	--		--	--		--
Capital Leases - Year 2	--		--	--		--	--		--	--		--	--		--
Capital Leases - Year 3	--		--	--		--	--		--	--		--	--		--
Capital Leases - Year 4	--		--	--		--	--		--	--		--	--		--
Capital Leases - Year 5	--		--	--		--	--		--	--		--	--		--
Capital Leases - Years 2 - 3	--		--	--		--	--		--	--		--	--		--
Capital Leases - Years 4 - 5	--		--	--		--	--		--	--		--	--		--
Capital Leases - Years 2 - 5	--		--	--		--	--		--	--		--	--		--
Capital Leases Beyond Year 5	--		--	--		--	--		--	--		--	--		--
<b>Total Future Value of Capital Leases</b>	--		--	<b>0.0</b>		--	--		--	--		--	--		--
Present Value of ST Capital Leases	--		--	0.0		--	--		--	--		--	--		--
Present Value of LT Capital Leases	--		--	0.0		--	--		--	--		--	--		--

<b>Operating Leases (Rental Expense) Schedule</b>															
Rental Expense - Year 1	--		--	38.0		28.4%	--		--	--		--	--		--
Rental Expense - Year 2	--		--	28.0		20.9%	--		--	--		--	--		--
Rental Expense - Year 3	--		--	19.0		14.2%	--		--	--		--	--		--
Rental Expense - Year 4	--		--	12.0		9.0%	--		--	--		--	--		--
Rental Expense - Year 5	--		--	10.0		7.5%	--		--	--		--	--		--
Rental Expense - Years 2 - 3	--		--	47.0		35.1%	--		--	--		--	--		--
Rental Expense - Years 4 - 5	--		--	22.0		16.4%	--		--	--		--	--		--
Rental Expense - Years 2 - 5	--		--	69.0		51.5%	--		--	--		--	--		--
Rental Expense Beyond Year 5	--		--	27.0		20.1%	--		--	--		--	--		--
Total Sublease Income	--		--	--		--	--		--	--		--	--		--
<b>Future Min Oper Lease Obligations</b>	<b>--</b>		<b>--</b>	<b>134.0</b>		<b>100.0%</b>	<b>--</b>		<b>--</b>	<b>--</b>		<b>--</b>	<b>--</b>		<b>--</b>

<b>Contractual Obligation Schedule</b>															
Contractual Obligations - Year 1	--		--	678.0		9.9%	--		--	--		--	--		--
Contractual Obligations - Years 2-3	--		--	1,930.0		28.2%	--		--	--		--	--		--
Contractual Obligations - Years 4-5	--		--	961.0		14.1%	--		--	--		--	--		--
Contractual Obligations - Years 2 - 5	--		--	2,891.0		42.3%	--		--	--		--	--		--
Contractual Obligations - Beyond Year 5	--		--	3,264.0		47.8%	--		--	--		--	--		--
<b>Total Contractual Obligations</b>	<b>--</b>		<b>--</b>	<b>6,833.0</b>		<b>100.0%</b>	<b>--</b>		<b>--</b>	<b>--</b>		<b>--</b>	<b>--</b>		<b>--</b>

<b>Purchase Obligations</b>	--		--	<b>406.0</b>			--		--	--		--	--		--
-----------------------------	----	--	----	--------------	--	--	----	--	----	----	--	----	----	--	----

<b>Interest Rate Data</b>															
W/Avg. Interest Rate - Long-term Debt	--		--	--		--	--		--	--		--	--		--



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

**Howmet Aerospace Inc**

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

Y	-10FY	-9FY	-8FY	-7FY	-6FY	-5FY	-4FY	-3FY	-2FY	-1FY	-0FY
<b>Pension</b>											
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	31/12/2021
Currency	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
<b>Pension Net Periodic Cost</b>											
Service Cost	--	--	--	166.00	175.00	155.00	90.00	46.00	25.00	12.00	4.00
Interest Cost	--	--	--	630.00	577.00	431.00	234.00	219.00	235.00	97.00	47.00
Expected Return on Plan Assets	--	--	--	(782.00)	(753.00)	(677.00)	(332.00)	(306.00)	(286.00)	(136.00)	(90.00)
Pension Expense (Income)	--	--	--	449.00	524.00	323.00	217.00	249.00	124.00	127.00	93.00
<b>Other Postretirement Cost</b>											
Service Cost	--	--	--	15.00	14.00	13.00	7.00	7.00	7.00	3.00	2.00
Interest Cost	--	--	--	114.00	92.00	63.00	30.00	28.00	28.00	10.00	5.00
Expected Return on Plan Assets	--	--	--	-	-	-	-	-	-	-	-
Other Postretirement Benefits Expense (I)	--	--	--	--	82.00	76.00	34.00	7.00	(58.00)	(2.00)	-
<b>Pension Funded Status</b>											
Fair Value of Plan Assets	--	--	--	--	--	4,666.00	4,862.00	4,334.00	4,868.00	1,724.00	1,531.00
Actual Return (Loss) on Plan Assets	--	--	--	--	--	89.00	212.00	(144.00)	731.00	203.00	124.00
Employer Contribution	--	--	--	--	--	296.00	310.00	298.00	268.00	227.00	96.00
Benefits Paid	--	--	--	--	--	(794.00)	(425.00)	(422.00)	(453.00)	(136.00)	(123.00)
Projected Benefit Obligation	--	--	--	--	--	7,026.00	7,359.00	6,476.00	7,249.00	2,713.00	2,296.00
Over(Under) Funded Pension	--	--	--	--	--	(2,360.00)	(2,497.00)	(2,142.00)	(2,381.00)	(989.00)	(765.00)
Accumulated Benefit Obligation	--	--	--	--	--	--	--	--	--	--	--
Pension Funding Ratio	--	--	--	--	--	66.41	66.07	66.92	67.15	63.55	66.68
<b>Other Postretirement Funded Status</b>											
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)	(17.00)
Projected Benefit Obligation	--	--	--	--	--	980.00	927.00	806.00	786.00	215.00	165.00
Over(Under) Funded Post Ret Benefits	--	--	--	--	--	(980.00)	(927.00)	(806.00)	(786.00)	(215.00)	(165.00)
Other Post-Retirement Funding Ratio	--	--	--	--	--	--	--	--	--	--	--
<b>Actuarial Assumptions</b>											
<b>Pension</b>											
Expected Return on Plan Assets	--	--	--	--	--	--	--	--	5.60	6.00	6.20
Discount Rate used on Plan Liabilities	--	--	--	--	--	--	--	--	4.35	3.00	2.70
Rate of Compensation Increase	--	--	--	--	--	--	--	--	3.50	-	-
<b>Other Postretirement Benefits</b>											
Expected Return on Plan Assets	--	--	--	--	--	--	--	--	--	--	--
Discount Rate used on Plan Liabilities	--	--	--	--	--	--	--	--	--	--	--
Health Care Cost Trend Projected(next y	--	--	--	--	--	--	--	--	--	--	--
<b>Pension Plan Asset Allocation</b>											
Fair Value of Plan Assets	--	--	--	--	--	4,666.00	4,862.00	4,334.00	4,868.00	1,724.00	1,531.00
Asset Category - Equities %	--	--	--	--	--	17.66	19.99	20.67	22.56	25.00	39.71
Asset Category - Debt %	--	--	--	--	--	41.96	46.85	47.85	50.29	58.29	38.28
Asset Category - Real Estate %	--	--	--	--	--	5.70	5.29	5.65	5.53	4.81	4.18
Asset Category - Company Stock %	--	--	--	--	--	--	--	--	--	--	--
Asset Category - Cash %	--	--	--	--	--	--	--	--	--	--	--
Asset Category - Other %	--	--	--	--	--	5.21	7.38	6.18	4.93	1.33	1.50
<b>Expected Pension Payments</b>											
Year 1	--	--	--	--	--	--	435.00	460.00	470.00	168.00	152.00
Year 2	--	--	--	--	--	--	440.00	460.00	465.00	169.00	149.00
Year 3	--	--	--	--	--	--	440.00	455.00	460.00	164.00	145.00
Year 4	--	--	--	--	--	--	445.00	455.00	455.00	160.00	145.00
Year 5	--	--	--	--	--	--	450.00	450.00	450.00	886.00	812.00
Beyond Year 5	--	--	--	--	--	--	2,265.00	2,170.00	2,120.00	1,547.00	1,403.00
<b>Expected Postretirement Benefits</b>											
Year 1	--	--	--	--	--	--	85.00	85.00	75.00	16.00	12.00
Year 2	--	--	--	--	--	--	85.00	80.00	75.00	15.00	12.00
Year 3	--	--	--	--	--	--	85.00	80.00	75.00	15.00	12.00
Year 4	--	--	--	--	--	--	85.00	80.00	75.00	14.00	11.00
Year 5	--	--	--	--	--	--	85.00	80.00	70.00	14.00	11.00
Beyond Year 5	--	--	--	--	--	--	310.00	275.00	235.00	61.00	53.00

