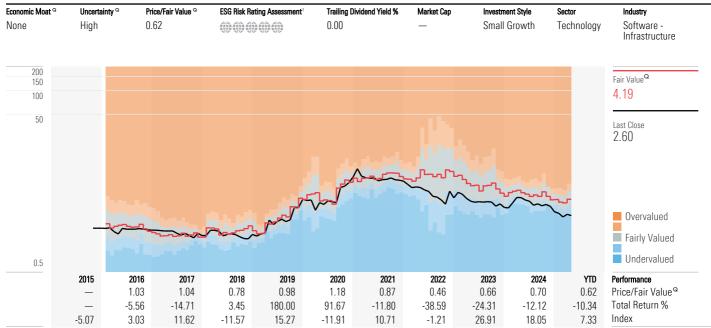
Agile Content SA AGIL ** A Q MOMENTUM 9 Apr 2025 04:40, UTC



As of 08 Apr 2025 | Index: Morningstar Spain GR EUR. Fair Value data as of 8 Apr 2025 04:40, UTC

'The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Jeffrey Ptak, Chief Ratings Officer for Morningstar Research Services LLC oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr Ptak is guided by the Morningstar Research Services' Code of Ethics and the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit http://global.morningstar.com/equitydisclosures.

Business Description

Agile Content SA is a technology company that offers in cloud solutions to media companies, telecom enterprises and corporations. It provides solutions that enables publishers and brands to curate, deliver and monetize their content, audiences, video and other content online. The company provides content management, editorial tools and a scalable platform for delivering content as a service.

Valuation as of 8 Apr 2025

Given the significant price pressure over the last year, Agile Content SA might appear cheap. However, to account for the possibility that it may be a value trap, we've restricted its rating to 3 stars. The stock currently trades at a 38% discount to our quantitative fair value estimate of 4.19 EUR per share; however, caution is warranted due to this estimate's high uncertainty rating.

The company's valuation metrics increase our estimated fair value. A company's valuation metrics provide insights into the market's expectations for its future growth and profitability. For example, the firm's enterprise value to revenue ratio of 0.9 lies in the bottom 30% compared with peers globally. The prevailing enterprise value/sales ratio is low relative to the long-term earnings power of the business. We believe this is a sign that shares could be undervalued.

The firm's profitability is an additional encouraging factor. Highly profitable companies are often more resilient in recessions and are likely to generate stronger future cash flows for shareholders. The firm's enterprise value to free cash flow ratio of 17.1, for example, ranks in the bottom 40% globally. This can be a sign of operational efficiency

and potential for the company to fund growth, pay dividends, or reduce debt without needing additional capital. This characteristic further promotes our favorable price/fair value ratio.

Economic Moat ^Q as of 8 Apr 2025

With its quantitative economic moat rating of none, this business is unlikely to consistently outearn its cost of capital without structural protection from competition. Additionally, the firm's moderate financial health score suggests it is acceptably positioned against adverse economic circumstances.

Contact

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Agile Content SA $AGIL \star \star \star \diamond$ Q MOMENTUM 9 Apr 2025 04:40, UTC

lone	Uncertainty [△] High	Price/Fair Value 0.62		SG Risk Rating Assessm	ent¹ Trai 0.0	ling Dividend Yield %	Market Cap —	Investment Sty Small Grow		Sector Technology	Industry Software - Infrastructure
Economic Moat ^a History as of 5 Apr 2025				Dividends a		Valuation	Valuation ^Q as of 8 Apr 2025				
No Moa 0.00-0.7		oat Wide M 0.99-1.0			Stock Price	Payout R	atio				
_	0.71 0.00	0.00 1.0		20			4.00	%			Undervalued (37%
1.0											Discount)
	\wedge								Fair Val	lue ^Q	Economic Moat Q
/ /	\ ,,/\		Λ	15			3.0	10	4.19	ainty ^Q :	™None
N V	/M// h //	\ \							High	unity .	1-Star Price Q
\prod	" M		1								>6.63
0.5	———— <u>↓</u>	A	$\overline{}$	10		Λ	2.0	10			5-Star Price Q
		LMIV	,			/\			7		< 2.65
		V							2.60	ose	
		,		5		M M		10	2.00		
						J '	~				
0.0				0			0.0	0			
2020 2	021 2022	2023 2024	2025	16	17 18 19	9 20 21 22 2	3 24 25				
	ear End 31 Dec 20										
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	06/2024	Fiscal
8.32	10.84	7.87	8.82	10.98	20.40	54.95	_	_	-	98.08	Revenue (Mil)
-1.21 -14.50	-1.42 -13.12	-0.71 -9.03	-0.93 -10.51	0.29 2.60	-1.20 -5.89	-2.91 -5.30	_	_	_	3.94 4.02	Operating Income (Mil) Operating Margin (%)
-14.30	-13.12 -5.18	0.05	-10.31	0.12	-2.85	-5.30 -5.77	_	_	_	1.44	Net Income (Mil)
-0.15	-0.47	0.00	-0.12	0.01	-0.16						Diluted Earnings/Share
					-U. IO	-U./8	_	_	_	U.Ub	
						-0.28 3.26				0.06	
1.15	2.77	4.04	-0.01	1.50	-1.30	3.26				17.62	Operating Cash Flow (Mil
											Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil)
1.15 1.25	2.77 11.44	4.04 1.91	-0.01 2.22	1.50 2.66	-1.30 5.14	3.26 8.72		- - - -	_ _ _	17.62 9.40	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil)
1.15 1.25 -1.08	2.77 11.44 -10.97	4.04 1.91 0.74	-0.01 2.22 -143.73	1.50 2.66 -0.84	-1.30 5.14 -4.74	3.26 8.72 -4.66	- - -		_ _ _	17.62 9.40 2.71	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil)
1.15 1.25 -1.08	2.77 11.44 -10.97 10.98	4.04 1.91 0.74 11.34	-0.01 2.22 -143.73 12.81	1.50 2.66 -0.84 17.64	-1.30 5.14 -4.74 20.89	3.26 8.72 -4.66 23.06	- - - -	- - - -	_ _ _ _	17.62 9.40 2.71	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil)
1.15 1.25 -1.08 8.71	2.77 11.44 -10.97 10.98 pr 2025 2016	4.04 1.91 0.74 11.34	-0.01 2.22 -143.73 12.81	1.50 2.66 -0.84 17.64	-1.30 5.14 -4.74 20.89	3.26 8.72 -4.66 23.06	2022		2024	17.62 9.40 2.71 22.97	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil)
1.15 1.25 -1.08 8.71	2.77 11.44 -10.97 10.98 ppr 2025 2016 1.03	4.04 1.91 0.74 11.34 2017 1.04	-0.01 2.22 -143.73 12.81 2018 0.78	1.50 2.66 -0.84 17.64 2019 0.98	-1.30 5.14 -4.74 20.89 2020 1.18	3.26 8.72 -4.66 23.06 2021 0.87	2022 0.46	0.66		17.62 9.40 2.71 22.97 Current	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Q
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016	4.04 1.91 0.74 11.34 2017 1.04 1.47	-0.01 2.22 -143.73 12.81 2018 0.78 1.98	1.50 2.66 -0.84 17.64 2019 0.98 5.50	-1.30 5.14 -4.74 20.89 2020 1.18 8.26	3.26 8.72 -4.66 23.06 2021 0.87 4.81	2022 0.46 1.14	0.66 0.72		17.62 9.40 2.71 22.97 Current 0.62 0.61	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Q Price/Sales
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 ppr 2025 2016 1.03	4.04 1.91 0.74 11.34 2017 1.04 1.47	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13	1.50 2.66 -0.84 17.64 2019 0.98 5.50	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87	3.26 8.72 -4.66 23.06 2021 0.87 4.81	2022 0.46 1.14	0.66 0.72 —	2024 0.70 0.68	17.62 9.40 2.71 22.97 Current 0.62 0.61	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Price/Sales Price/Earnings
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 ppr 2025 2016 1.03	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55	1.50 2.66 -0.84 17.64 2019 0.98 5.50	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29	3.26 8.72 -4.66 23.06 2021 0.87 4.81	2022 0.46 1.14 —	0.66 0.72 — 9.82	2024 0.70 0.68 - 5.50	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Price/Sales Price/Earnings Price/Cash Flow
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 ppr 2025 2016 1.03	4.04 1.91 0.74 11.34 2017 1.04 1.47	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13	1.50 2.66 -0.84 17.64 2019 0.98 5.50	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87	3.26 8.72 -4.66 23.06 2021 0.87 4.81	2022 0.46 1.14	0.66 0.72 —	2024 0.70 0.68	17.62 9.40 2.71 22.97 Current 0.62 0.61	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Price/Sales Price/Earnings
1.15 1.25 -1.08 8.71 (aluation as of 8 A 2015 — — — —	2.77 11.44 -10.97 10.98 ppr 2025 2016 1.03	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55	1.50 2.66 -0.84 17.64 2019 0.98 5.50	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29	3.26 8.72 -4.66 23.06 2021 0.87 4.81	2022 0.46 1.14 —	0.66 0.72 — 9.82	2024 0.70 0.68 - 5.50	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Price/Sales Price/Earnings Price/Cash Flow
1.15 1.25 -1.08 8.71 (aluation as of 8 A 2015 — — — —	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 ————————————————————————————————————	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022)	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55	1.50 2.66 -0.84 17.64 2019 0.98 5.50	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81	2022 0.46 1.14 —	0.66 0.72 — 9.82	2024 0.70 0.68 - 5.50	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Price/Sales Price/Earnings Price/Cash Flow
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 ————————————————————————————————————	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81	2022 0.46 1.14 — 13.61 2.26	0.66 0.72 — 9.82 1.77	2024 0.70 0.68 - 5.50	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Q Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 ————————————————————————————————————	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27 0.81	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018 -7.94	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019 0.58 1.22	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06 -13.88	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81 2021 -6.08 -15.58	2022 0.46 1.14 — 13.61 2.26	0.66 0.72 — 9.82 1.77	2024 0.70 0.68 5.50 1.63	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46 06/2024 -0.58 -1.65	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Q Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets Return on Equity
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 ————————————————————————————————————	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81	2022 0.46 1.14 — 13.61 2.26	0.66 0.72 — 9.82 1.77	2024 0.70 0.68 5.50 1.63	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value a Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27 0.81	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018 -7.94	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019 0.58 1.22	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06 -13.88	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81 2021 -6.08 -15.58	2022 0.46 1.14 — 13.61 2.26	0.66 0.72 — 9.82 1.77	2024 0.70 0.68 5.50 1.63	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46 06/2024 -0.58 -1.65	Operating Cash Flow (Mil Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value a Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets Return on Equity
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27 0.81 -2.29	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018 -7.94 -20.49 -7.12	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019 0.58 1.22 3.34	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06 -13.88 -7.68	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81 2021 -6.08 -15.58 -8.55	2022 0.46 1.14 — 13.61 2.26	0.66 0.72 — 9.82 1.77 2023 —	2024 0.70 0.68 — 5.50 1.63	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46 06/2024 -0.58 -1.65 0.01	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value a Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets Return on Equity Rtn on Invested Capital
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27 0.81	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018 -7.94	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019 0.58 1.22	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06 -13.88	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81 2021 -6.08 -15.58	2022 0.46 1.14 — 13.61 2.26	0.66 0.72 — 9.82 1.77	2024 0.70 0.68 5.50 1.63	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46 06/2024 -0.58 -1.65 0.01	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value a Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets Return on Equity Rtn on Invested Capital
1.15 1.25 -1.08 8.71 aluation as of 8 A 2015	2.77 11.44 -10.97 10.98 pr 2025 2016 1.03 ance (Fiscal Year E 2016 -29.89 -84.83 -36.12	4.04 1.91 0.74 11.34 2017 1.04 1.47 — 33.91 2.65 nd 31 Dec 2022) 2017 0.27 0.81 -2.29	-0.01 2.22 -143.73 12.81 2018 0.78 1.98 454.13 6.55 3.21 2018 -7.94 -20.49 -7.12	1.50 2.66 -0.84 17.64 2019 0.98 5.50 — 7.84 2019 0.58 1.22 3.34	-1.30 5.14 -4.74 20.89 2020 1.18 8.26 165.87 41.29 10.15 2020 -6.06 -13.88 -7.68	3.26 8.72 -4.66 23.06 2021 0.87 4.81 — — 5.81 2021 -6.08 -15.58 -8.55	2022 0.46 1.14 — 13.61 2.26 2022 —	0.66 0.72 — 9.82 1.77 2023 — — 2023	2024 0.70 0.68 — 5.50 1.63 2024	17.62 9.40 2.71 22.97 Current 0.62 0.61 — 4.94 1.46 06/2024 -0.58 -1.65 0.01	Operating Cash Flow (Mil) Capital Spending (Mil) Free Cash Flow (Mil) Avg Shares Outstand(Mil) Calendar Price/Fair Value Q Price/Sales Price/Earnings Price/Cash Flow Price/Book Fiscal (%) Return on Assets Return on Equity Rtn on Invested Capital



Appendix

Economic Moa	t ^Q History as of 5 Ap	r 2025 (No Moat	: 0.00-0.70, Narro	ow Moat: 0.70-0.	99, Wide Moat: (0.99-1.00)						
Year	January	February	March	April	May	June	July	August	September	October	November	December
2025	0.51	0.43	0.55	0.56	_	_	_	_	_	_	_	_
2024	0.54	0.37	0.38	0.54	0.69	0.63	0.52	0.52	0.54	0.51	0.73	0.77
2023	0.82	0.56	0.51	0.35	0.36	0.26	0.35	0.42	0.39	0.41	0.30	0.49
2022	0.88	0.82	0.76	0.64	0.66	0.57	0.60	0.58	0.59	0.49	0.69	0.65
2021	0.79	0.81	0.71	0.67	0.59	0.67	0.63	0.73	0.53	0.74	0.64	0.79
2020	0.30	0.52	0.52	0.49	0.61	0.61	0.39	0.73	0.55	0.74	0.80	0.64



Quantitative Equity Report Overview

The quantitative report on equities consists of data, statistics and quantitative equity ratings on equity securities. Morningstar, Inc.'s quantitative equity ratings are forward looking and are generated by a statistical model that is based on Morningstar Inc.'s analyst-driven equity ratings and quantitative statistics. Given the nature of the quantitative report and the quantitative ratings, there is no one analyst in which a given report is attributed to; however, Jeffrey Ptak, Chief Ratings Officer for Morningstar Research Services LLC is responsible for overseeing the methodology that supports the quantitative equity ratings used in this report. As an employee of Morningstar Research Services LLC, a subsidiary of Morningstar, Inc, Mr Ptak is guided by the Morningstar Research Services' Code of Ethics and the Morningstar, Inc. Code of Ethics and Personal Securities trading Policy in carrying out his responsibilities.

Quantitative Equity Ratings

Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings).

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

- i. Quantitative Fair Value Estimate: Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to http://global.morningstar.com/equitydisclosures for information about Fair Value Estimate Morningstar's equity analysts assign to companies.
- ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

Narrow – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

Wide – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

None – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

- iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.
 - ★ the stock is overvalued with a reasonable margin of safety.

 Log (Quant FVE/Price) < -1*Quantitative Uncertainty

 Micro-Caps: Log (Quant FVE/Price) < -1.5*Quantitative Uncertainty
 - ★★ the stock is somewhat overvalued.

Log (Quant FVE/Price) between (-1*Quantitative Uncertainty, -0.5*Quantitative certainty)

Micro-Caps: Log (Quant FVE/Price) between (-1.5*Quantitative Uncertainty, -0.75*Quantitative Uncertainty)

★★★ – the stock is approximately fairly valued.

 $\label{log-log-log-log-log-log} \textit{Log (Quant FVE/Price) between (-0.5*Quantitative Uncertainty, 0.5*Quantitative Uncertainty)}$

Micro-Caps: Log (Quant FVE/Price) between (-0.75*Quantitative Uncertainty, 0.75*Quantitative Uncertainty)

*** - the stock is somewhat undervalued.

Log (Quant FVE/Price) between (0.5*Quantitative Uncertainty, 1*Quantitative Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (0.75*Quantitative Uncertainty, 1.5*Quantitative Uncertainty)

★★★★ – the stock is undervalued with a reasonable margin of safety.

Log (Quant FVE/Price) > 1*Quantitative Uncertainty

Micro-Caps: Log (Quant FVE/Price) > 1.5*Quantitative Uncertainty

Under Review – Morningstar will assign a rating of "Under Review" in three scenarios: when there is occurrence of a corporate event, when the closing price is unavailable for at least 7 days, or when the quantitative Fair Value to Price Ratio does not fall into the expected range of 0.25-4.

Not Rated – Morningstar will assign a rating of 'Not Rated' when closing price data is unavailable for at least 30 days.

Momentum Flag — After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10% **Medium** – the interquartile range for possible fair values is less than 15% but greater than 10%

 $\mbox{\bf High}-\mbox{\bf the interquartile}$ range for possible fair values is less than 35% but greater than 15%

 $\begin{tabular}{ll} \textbf{Very High}-\text{the interquartile range for possible fair values is less than } 80\% \\ \textbf{but greater than } 35\% \\ \end{tabular}$

 $\ensuremath{\textit{Extreme}}$ — the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak – assigned when Quantitative Financial Health < 0.2
 Moderate – assigned when Quantitative Financial Health is between 0.2
 and 0.7

Strong – assigned when Quantitative Financial Health > 0.7

Other Definitions

- i. Last Close Price of the stock as of the close of the market of the last trading day before date of the report.
- Quantitative Valuation— Using the below terms, intended to denote the relationship between the security's Last Price and Morningstar's quantitative fair value estimate for that security.

Undervalued — Last Price is below Morningstar's quantitative fair value estimate

Fairly Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Overvalued – Last Price is above Morningstar's quantitative fair value estimate.

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Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score.



Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

Based on their quantitative scores, companies are grouped into one of five Risk Categories (negligible, low, medium, high, severe). These risk categories are absolute, meaning that a 'high risk' assessment reflects a comparable degree of unmanaged ESG risk across all subindustries covered.

The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit sustainalytics.com/esgratings/

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