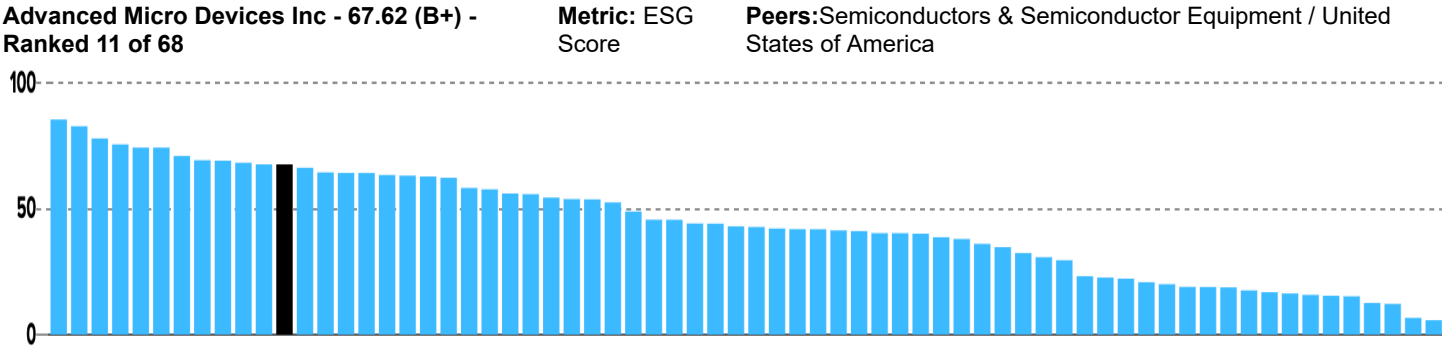


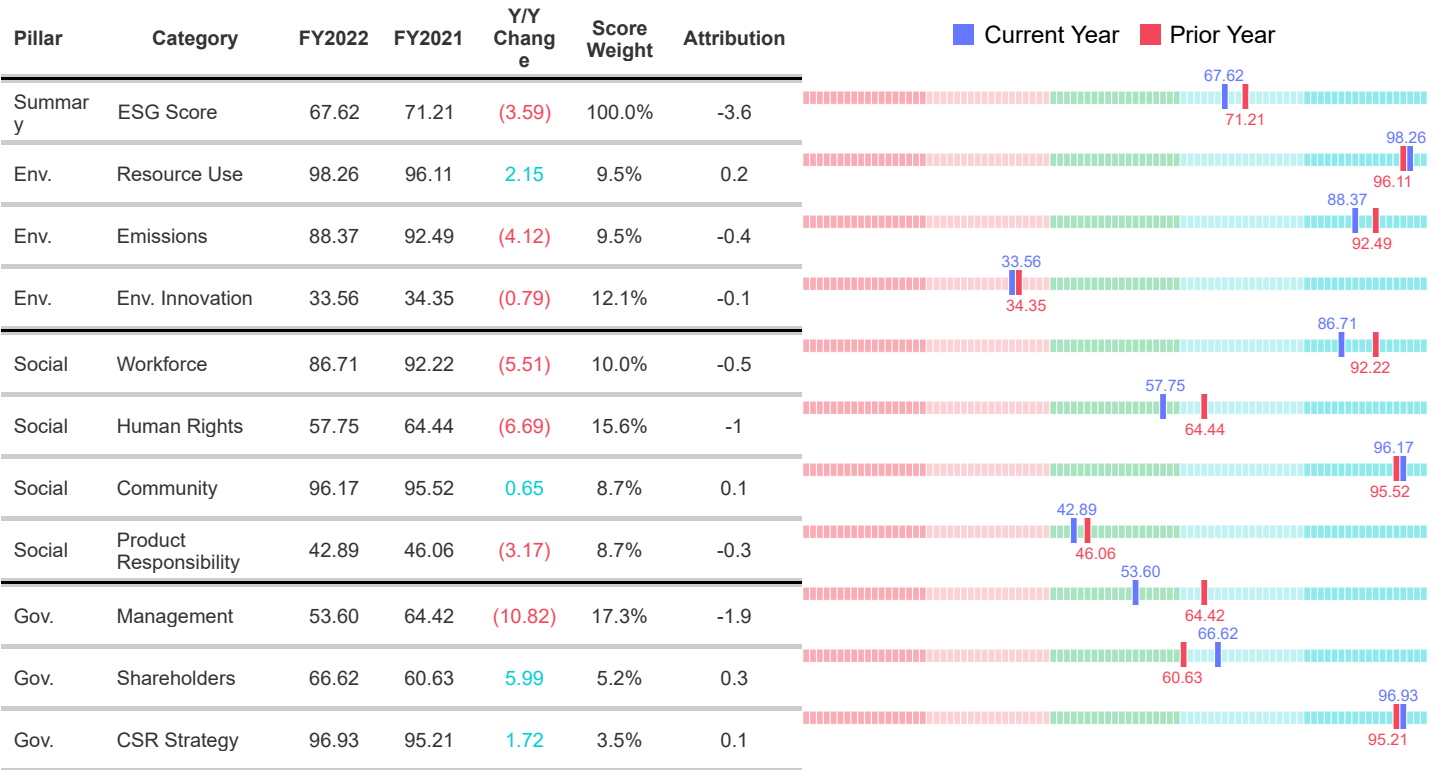
COMPANY OVERVIEW					
Market Cap. (Mil USD)	\$285,251		B+	A-	B+
Revenue (Mil USD)	\$22,680		ESG Score	ESG Controversies Score	ESG Combined Score
No. of Employees	26,000				
D&I Index Ranking	2201 / 6018				
TRBC Ind. Group	Semiconductors & Semiconductor Equipment				
Countries/ Region	United States of America		B+	B+	B
Fiscal Yr. End	2022-12-31		Environmental Pillar Score	Social Pillar Score	Governance Pillar Score
ESG Reporting Scope	100%				

ESG SUMMARY	
Advanced Micro Devices Inc is a(n) Semiconductors & Semiconductor Equipment company headquartered in the United States of America. For the fiscal year ended in December 2022, AMD.O received an ESG score of 67.62 (Grade: B+).	
Over the last 5 years, the company has an average ESG score of 67.89, and a median ESG score of 67.62. Refinitiv ESG score is calculated as a sum of weighted individual pillar scores. For AMD.O, Environmental, Social, and Governance pillars are weighted 31.17%, 42.86%, and 25.97% respectively in ESG score weighting, consistent with companies within the Semiconductors & Semiconductor Equipment industry groups.	
AMD.O's controversy score of 82.50 (Grade: A-) is calculated based on total count of controversies related to the company, as collected by Refinitiv ESG team and normalized based on company's market capitalization. Discounted by its controversies, AMD.O received an ESG Combined score of 67.62 (Grade: B+) for the year.	

COMPANY RELATIVE PERFORMANCE					
Company Ranking Compared to	Refinitiv ESG Universe	Refinitiv ESG Universe	Semiconductors & Semiconductor Equipment	United States of America	Semiconductors & Semiconductor Equipment / United States of America
Number of Companies	11751		222	3403	68
ESG Combined Score	1457		27	233	4
ESG Score	1928		36	407	11
Environmental Pillar Score	1859		27	326	8
Social Pillar Score	2467		56	507	15
Governance Pillar Score	3862		89	1046	30
ESG Controversy Score	9864		204	2632	58



YEAR-OVER-YEAR ESG PERFORMANCE - ATTRIBUTION



YEAR-OVER-YEAR ESG PERFORMANCE - MATERIAL FACTORS

Changes in company's year-over-year ESG scores are driven by two factors: Company's relative ranking against its peers, and changes in underlying data as reported by company. In the table below, "Metric Score" section identifies material changes in scores and the "Metric Value" section highlights any changes in the underlying values. Materiality is defined as any directional changes in scores greater than 8.33 (approximately one letter grade).

			Metric Score			Metric Value		
Pillar	Category	Metric Name	FY2022	FY2021	YoY Change	FY2022	FY2021	YoY Change
Env.	Resource Use	Targets Energy Efficiency	82.66	0.00	82.66	TRUE	FALSE	Yes
Env.	Emissions	Waste Recycled To Total Waste	52.20	61.05	(8.85)	79.17%	84.21%	(5.04%)
Social	Workforce	Net Employment Creation	96.88	83.64	13.24	61.29%	23.02%	38.27%
Social	Workforce	Trade Union Representation	--	67.31	(67.31)	--	15.00%	(15.00%)
Social	Workforce	Women Managers	18.93	29.79	(10.86)	12.00%	14.00%	(2.00%)
Social	Workforce	Average Training Hours	19.37	--	19.37	7.30	--	7.30
Social	Community	Total Donations To Revenues in million	65.20	38.17	27.03	354.47	112.41	242.06
Gov.	Management	Board Gender Diversity, Percent	71.40	50.16	21.24	33.33%	25.00%	8.33%
Gov.	Management	Non-Executive Board Members	27.67	15.33	12.34	80.00%	75.00%	5.00%
Gov.	Management	Independent Board Members	82.19	66.57	15.62	90.00%	87.50%	2.50%
Gov.	Management	CEO Chairman Duality	0.00	75.14	(75.14)	TRUE	FALSE	Yes

PERFORMANCE DRIVER SUMMARY

AMD.O's ESG score changed from previous year's 71.21 to 67.62, deteriorating marginally, driven by changes in 10 of the 10 ESG categories.

Relative improvements in Shareholders, Resource Use, CSR Strategy categories were more than offset by relative deteriorations in Management, Human Rights, Workforce categories (See Year-Over-Year ESG Performance - Attribution section for details)

At the metrics level, changes in 116 out of 152 number of metric scores are the primary drivers for category and summary score changes.

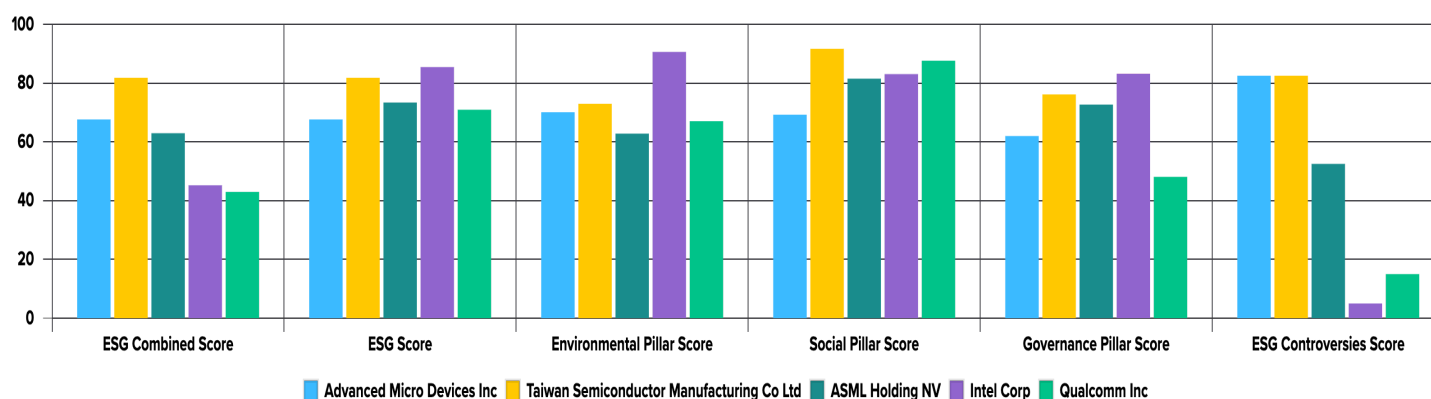
Of the 116 metrics identified, changes in relative ranking against peers drove 87 number of changes while changes in underlying reported metric values drove the rest (See Year-Over-Year ESG Performance - Material Factor section for details)

Please note changes in ESG scores are driven by two primary factors: Changes in underlying company-reported metric values and/or their relative ranking to the peer group.

PEER SUMMARY

Closest four peers by market capitalization and Semiconductors & Semiconductor Equipment

	AMD.OQ	2330.TW	ASML.AS	INTC.OQ	QCOM.OQ
	Advanced Micro Devices Inc	Taiwan Semiconductor Manufacturing Co Ltd	ASML Holding NV	Intel Corp	Qualcomm Inc
Company Market Cap (Mil USD)	\$285,251	\$565,076	\$376,918	\$177,534	\$173,929
Total Revenue (Mil USD)	\$22,680	\$70,456	\$30,413	\$54,228	\$35,820
ESG Combined Score	67.62	81.80	62.94	45.22	42.97
ESG Score	67.62	81.80	73.38	85.44	70.93
Environmental Pillar Score	70.08	72.95	62.80	90.60	67.03
Social Pillar Score	69.24	91.66	81.50	83.05	87.61
Governance Pillar Score	61.98	76.14	72.68	83.18	48.09
ESG Controversies Score	82.50	82.50	52.50	5.00	15.00

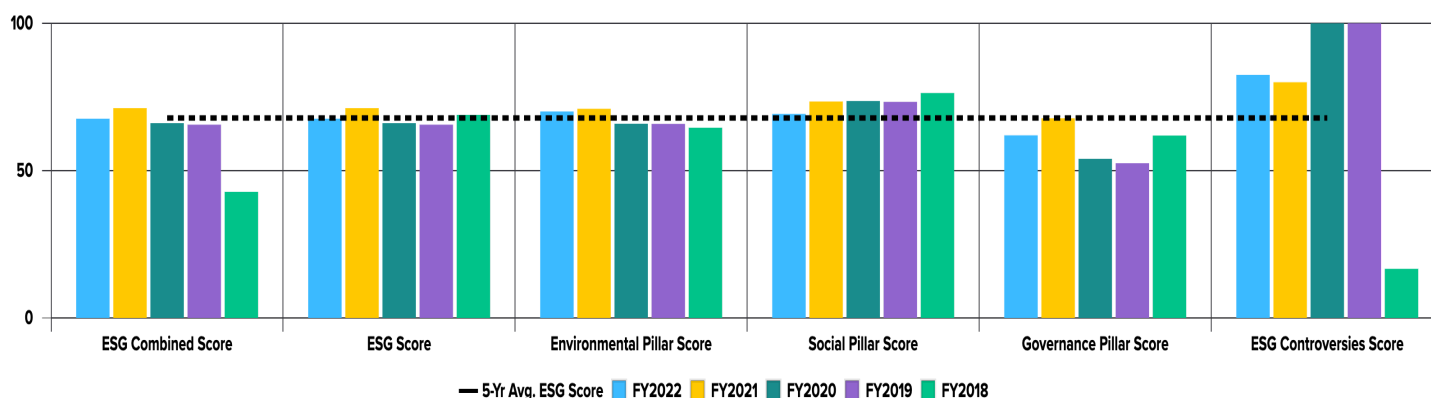


PEER DETAIL

	AMD.OQ	2330.TW	ASML.AS	INTC.OQ	QCOM.OQ
	Advanced Micro Devices Inc	Taiwan Semiconductor Manufacturing Co Ltd	ASML Holding NV	Intel Corp	Qualcomm Inc
Policy Water Efficiency	TRUE	TRUE	TRUE	TRUE	TRUE
Policy Energy Efficiency	TRUE	TRUE	TRUE	TRUE	TRUE
Targets Water Efficiency	TRUE	TRUE	FALSE	TRUE	FALSE
Targets Energy Efficiency	TRUE	TRUE	TRUE	TRUE	TRUE
Total Energy Use To Revenues USD in million	31.73	1,090.45	72.07	530.22	85.03
Renewable Energy Use Ratio	31.73%	9.77%	72.83%	66.40%	--
Water Use To Revenues USD in million	7.75	1,412.77	51.28	765.97	87.18
Water Recycled	--	89,642,200.00	--	35,204,300.00	401,253.46

HISTORIC PERFORMANCE

	FY2022	FY2021	FY2020	FY2019	FY2018
Period End Date	2022-12-31	2021-12-25	2020-12-26	2019-12-28	2018-12-29
Historic Market Cap (Mil USD)	\$104,513	\$176,480	\$110,421	\$51,427	\$17,809
Total Revenue (Mil USD)	\$23,601	\$16,434	\$9,763	\$6,731	\$6,475
ESG Combined Score	B+	B+	B	B	C+
ESG Score	B+	B+	B	B	B+
Environmental Pillar Score	B+	B+	B	B	B
Social Pillar Score	B+	B+	B+	B+	A-
Governance Pillar Score	B	B+	B-	B-	B
ESG Controversies Score	A-	A-	A+	A+	D+



HISTORIC PERFORMANCE SUMMARY

Over the last 5 reporting periods, AMD.O has an average ESG score of 67.89, ranging from a high of 71.21 (FY2021) to a low of 65.60 (FY2019).

Of the three pillars that make up the overall ESG score, Social pillar performed the best, with an 5-year average score of 73.20, followed by Environmental pillar (Average score: 67.48) and then Governance pillar (Average score: 59.64).

By category and on average, Resource Use, Community, and Workforce are the three best performing categories over the last 5 years while Env. Innovation, Product Responsibility, and Management are the three laggard categories during the same period.

CONTROVERSIAL BUSINESS PRACTICES

Does the company engage in any controversial business activities? **No**

Did the company have any controversies in violation of the Ten Principles of the UN Global Compact?

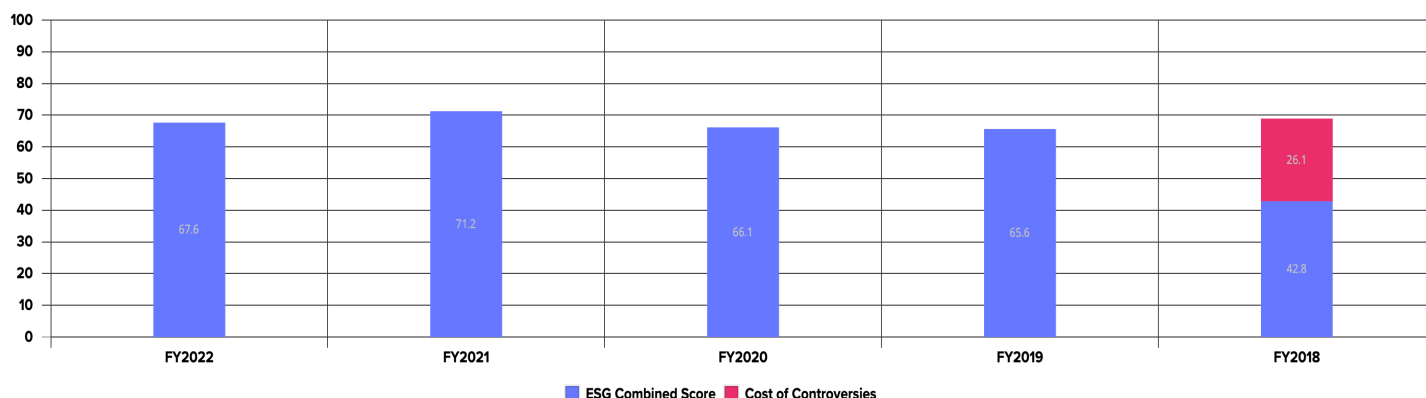
No

ESG CONTROVERSIES

Bad press can be costly to companies. Controversies reported in the media can bring damages to reputation, future business opportunities, and ultimately the bottom line.

ESG controversies score aims to recognize these potential damages, and account for these factors in the scoring of a company's overall ESG performance. From a scoring perspective, controversies could significantly impact a company's overall rating in a negative way.

Below is a list of controversies collected from the public domain.



ESG CONTROVERSIES DETAILS

Fiscal Period	Source Date	Category	Title	Link
FY2022	2022-06-28	Product Responsibility - Controversies	Controversies Privacy	AMD drops after report of stolen data - Reuters
FY2021	2021-05-10	Community - Controversies	Anti-Competition Controversies Count	Uks CMA Invites Comments On Anticipated Acquisition By AMD Of Xilinx - Reuters
FY2018	2018-01-08	Product Responsibility - Controversies	Controversies Privacy	MD CEO On Security Vulnerabilities Says Meltdown Does Not Affect AMD'S Architecture While Spectre Does - CNBC - Reuters
FY2018	2018-01-04	Product Responsibility - Controversies	Controversies Privacy	Security flaws put virtually all phones, computers at risk - Reuters News
FY2018	2018-01-12	Product Responsibility - Controversies	Controversies Privacy	AMD chips exposed to both variants of Spectre security flaw - Reuters News
FY2018	2018-01-09	Product Responsibility - Controversies	Controversies Privacy	Microsoft halts some AMD chip Meltdown patches after PCs freeze - Reuters News
FY2018	2018-03-21	Product Responsibility - Controversies	Controversies Privacy	AMD to release patches to fix some chip flaws uncovered by CTS Labs - Reuters News
FY2018	2018-03-13	Product Responsibility - Controversies	Controversies Privacy	Cyber-Security Research Firm CTS Labs Releases "Severe Security" Advisory On AMD Chips - Reuters
FY2018	2018-05-18	Product Responsibility - Controversies	Controversies Privacy	Germany calls on chip and hardware makers to tackle processor flaws - Reuters News

ESG METHODOLOGY

Refinitiv's ESG Scores are designed to transparently and objectively measure a company's relative ESG performance across ten themes based on company reported data. Below document provides detailed information on ESG scoring methodology.

[ESG Scores Methodology](#)

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