

MSCI Europe ex Controversial Weapons Index (USD)

The MSCI Europe ex Controversial Weapons Index is based on MSCI Europe Index, its parent index, which captures large and mid cap representation across 15 Developed Markets (DM) countries*. The index excludes companies from the parent index that have involvement with the production of cluster bombs, landmines, chemical and biological weapons and depleted uranium weapons. Constituent selection is based on data from MSCI ESG Research.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2009 – NOV 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe ex Controversial Weapons	MSCI Europe
2023	19.89	19.89
2022	-15.03	-15.06
2021	16.29	16.30
2020	5.37	5.38
2019	23.83	23.77
2018	-14.87	-14.86
2017	25.49	25.51
2016	-0.38	-0.40
2015	-2.84	-2.84
2014	-6.14	-6.18
2013	25.18	25.23
2012	19.09	19.12
2011	-11.07	-11.06
2010	3.95	3.88

INDEX PERFORMANCE – NET RETURNS (%) (NOV 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2006
					3 Yr	5 Yr	10 Yr		
MSCI Europe ex Controversial Weapons	-1.68	-7.12	9.55	4.34	4.25	6.24	4.79	4.12	
MSCI Europe	-1.68	-7.12	9.55	4.34	4.24	6.23	4.78	4.11	

FUNDAMENTALS (NOV 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.23	14.87	13.34	2.06
3.23	14.87	13.34	2.06

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2006 – NOV 29, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since May 31, 2006	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe ex Controversial Weapons	1.00	0.05	3.43	18.09	19.37	16.47	0.11	0.28	0.26	0.22	63.02	2007-10-31–2009-03-09
MSCI Europe	1.00	0.00	3.43	18.10	19.37	16.47	0.11	0.28	0.26	0.22	62.99	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly net returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* DM countries include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

The MSCI Europe ex Controversial Weapons Index was launched on Jun 28, 2011. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

INDEX CHARACTERISTICS

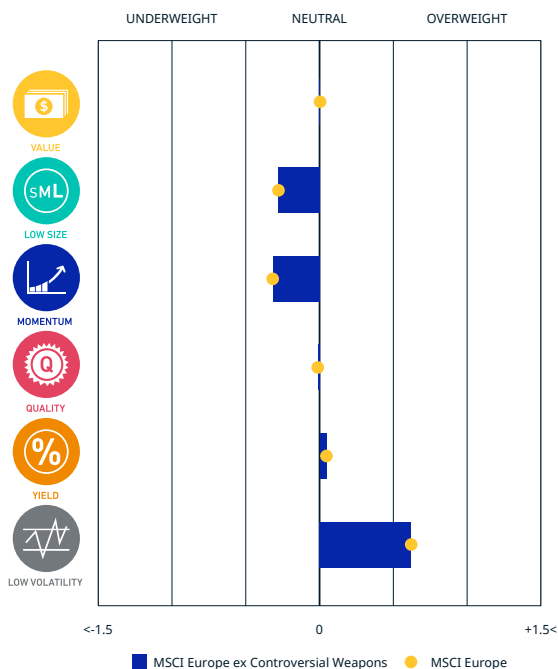
	MSCI Europe ex Controversial Weapons	MSCI Europe
Number of Constituents	415	415
Weight (%)		
Largest	3.24	3.24
Smallest	0.02	0.02
Average	0.24	0.24
Median	0.10	0.10

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NOVO NORDISK B	DK	3.24	3.24	Health Care
ASML HLDG	NL	2.60	2.60	Info Tech
SAP	DE	2.32	2.32	Info Tech
NESTLE	CH	2.13	2.13	Cons Staples
ASTRAZENECA	GB	1.96	1.96	Health Care
NOVARTIS	CH	1.96	1.96	Health Care
ROCHE HOLDING GENUSS	CH	1.91	1.91	Health Care
SHELL	GB	1.87	1.87	Energy
LVMH MOET HENNESSY	FR	1.61	1.61	Cons Discr
HSBC HOLDINGS (GB)	GB	1.59	1.59	Financials
Total		21.19	21.19	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



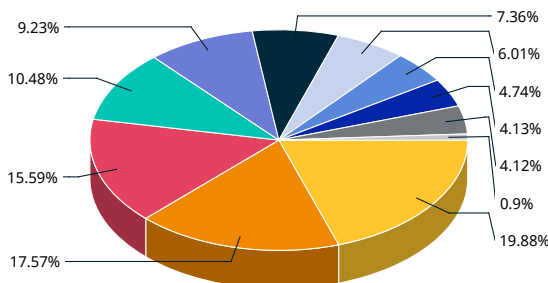
MSCI FaCS

- VALUE**
Relatively Inexpensive Stocks
- LOW SIZE**
Smaller Companies
- MOMENTUM**
Rising Stocks
- QUALITY**
Sound Balance Sheet Stocks
- YIELD**
Cash Flow Paid Out
- LOW VOLATILITY**
Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

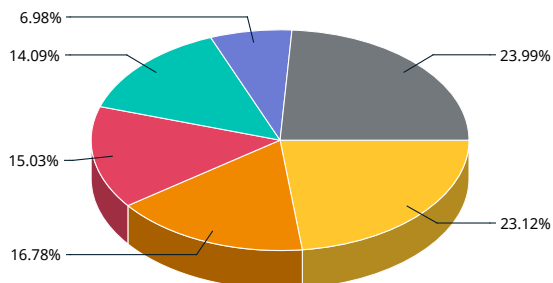
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



- Financials 19.88%
- Industrials 17.57%
- Health Care 15.59%
- Consumer Staples 10.48%
- Consumer Discretionary 9.23%
- Information Technology 7.36%
- Materials 6.01%
- Energy 4.74%
- Communication Services 4.13%
- Utilities 4.12%
- Real Estate 0.9%

COUNTRY WEIGHTS



- United Kingdom 23.12%
- France 16.78%
- Switzerland 15.03%
- Germany 14.09%
- Netherlands 6.98%
- Other 23.99%

MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

ABOUT MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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