MSCI Europe Minimum Volatility Advanced Index (USD)

The MSCI Europe Minimum Volatility Advanced Index is based on MSCI Europe Index, its parent index, which includes large and mid-cap stocks across 15 Developed Market (DM) countries* in Europe. The index is designed to represent the performance of a strategy that seeks systematic integration of environmental, social and governance (ESG) norms in minimum volatility investing by seeking to minimize risk along with the improvement in the ESG profile of the index. The Index aims to achieve lowest risk while improving the ESG score relative to the underlying parent index.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAY 2010 – MAY 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Minimum Volatility Advanced	MSCI Europe
2024	2.17	1.79
2023	16.58	19.89
2022	-20.79	-15.06
2021	15.37	16.30
2020	7.45	5.38
2019	22.90	23.77
2018	-8.13	-14.86
2017	24.62	25.51
2016	-6.72	-0.40
2015	3.32	-2.84
2014	-0.04	-6.18
2013	24.45	25.23
2012	18.54	19.12
2011	-2.51	-11.06

INDEX PERFORMANCE - NET RETURNS (%) (MAY 30, 2025)

FUNDAMENTALS (MAY 30, 2025)

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _N	Since lov 30, 2007	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Europe Minimum Volatility Advanced	2.35	11.16	14.61	18.91	9.50	9.27	5.87	4.63	3.36	17.49	15.40	2.43
MSCI Europe	4.56	8.80	13.39	20.57	12.42	12.82	6.23	3.45	3.11	16.10	14.43	2.16

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2007 - MAY 30, 2025)

				ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Nov 30, 2007	(%)	Period YYYY-MM-DD	
MSCI Europe Minimum Volatility Advanced	0.81	5.39	20.22	16.50	16.05	14.45	0.36	0.46	0.33	0.27	54.96	2007-12-10—2009-03-09	
MSCI Europe	1.00	0.00	3.64	17.76	17.63	16.49	0.50	0.62	0.33	0.20	62.35	2007-12-10-2009-03-09	
	1 Last	12 months	ths 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										

The MSCI Europe Minimum Volatility Advanced Index was launched on Sep 28, 2017. 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.



^{*} DM countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.
The MSCI ESG Target Indexes were renamed the MSCI Advanced Indexes as of Feb 3, 2025.

MAY 30, 2025 Index Factsheet

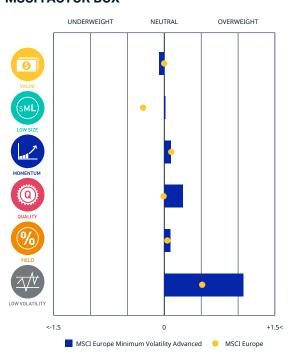
INDEX CHARACTERISTICS

	MSCI Europe Minimum Volatility Advanced	MSCI Europe					
Number of	106	399					
Constituents							
	Weight (%)						
Largest	1.89	2.58					
Smallest	0.04	0.02					
Average	0.94	0.25					
Median	1.02	0.11					

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
DEUTSCHE BOERSE	DE	1.89	0.50	Financials
AVIVA	GB	1.78	0.18	Financials
KBC GROUPE	BE	1.75	0.19	Financials
ASSICURAZIONI GENERALI	IT	1.74	0.28	Financials
SWISS PRIME SITE	CH	1.74	0.09	Real Estate
AXA	FR	1.73	0.68	Financials
IBERDROLA	ES	1.72	0.87	Utilities
MUENCHENER RUECKVERSICH	DE	1.69	0.71	Financials
SAP	DE	1.68	2.58	Info Tech
3I GROUP	GB	1.68	0.44	Financials
Total		17.42	6.52	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN **MSCI FACTOR BOX**



MSCI FaCS



Relatively Inexpensive Stocks



LOW SIZE Smaller Companies



MOMENTUM Rising Stocks



QUALITY Sound Balance Sheet Stocks



Cash Flow Paid Out

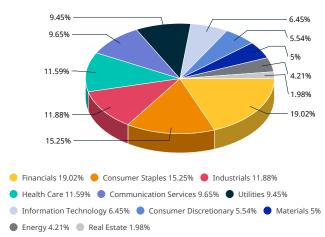


LOW VOLATILITY Lower Risk Stocks

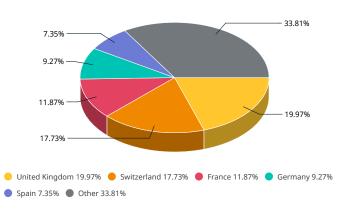
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS





MAY 30, 2025 Index Factsheet

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 50 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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