

MSCI World Minimum Volatility (EUR) Index (EUR)

The **MSCI World Minimum Volatility (EUR) Index** aims to reflect the performance characteristics of a minimum variance strategy applied to the MSCI large and mid cap equity universe across 23 Developed Markets countries*. The index is calculated by optimizing the MSCI World Index, its parent index, in EUR, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to the MSCI World Index.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (EUR) (NOV 2010 – NOV 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI World Min Vol (EUR)	MSCI World
2024	19.34	27.15
2023	5.04	20.20
2022	-4.21	-12.34
2021	22.92	31.64
2020	-4.60	6.88
2019	26.49	30.76
2018	1.83	-3.58
2017	5.41	8.10
2016	11.08	11.39
2015	17.56	11.03
2014	24.04	20.14
2013	11.19	21.86
2012	7.79	14.75
2011	8.73	-1.84

INDEX PERFORMANCE – GROSS RETURNS (%) (NOV 28, 2025)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2001
					3 Yr	5 Yr	10 Yr		
MSCI World Min Vol (EUR)	2.19	2.62	0.07	2.87	6.98	8.71	7.90	7.46	
MSCI World	-0.24	6.58	6.92	7.60	14.97	14.11	11.40	7.74	

FUNDAMENTALS (NOV 28, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.11	20.67	17.92	3.23
1.58	24.23	20.25	3.93

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2001 – NOV 28, 2025)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since Nov 30, 2001	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World Min Vol (EUR)	0.63	7.47	20.41	8.09	9.73	9.96	0.51	0.74	0.75	0.63	39.13	2007-06-01–2009-03-09
MSCI World	1.00	0.00	2.37	11.93	13.06	13.47	0.99	0.96	0.83	0.52	52.95	2007-06-15–2009-03-09

¹ Last 12 months ² Based on monthly gross returns data ³ Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

* Developed Markets countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI World Minimum Volatility (EUR) Index was launched on Feb 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

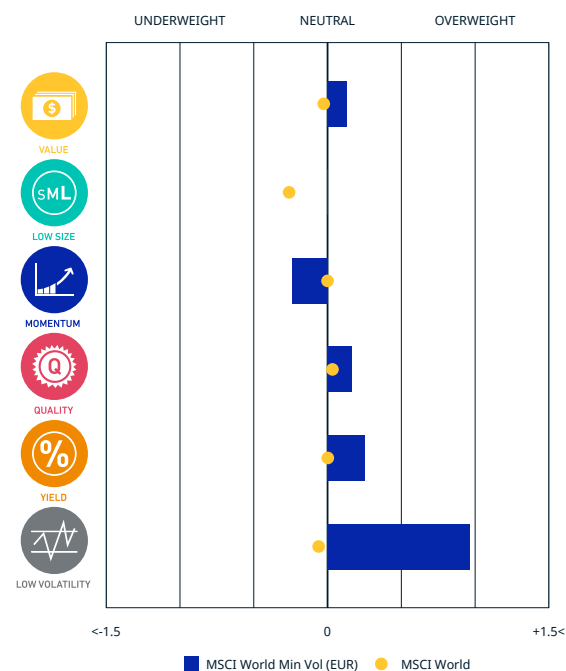
	MSCI World Min Vol (EUR)	MSCI World
Number of Constituents	308	1,321
	Weight (%)	
Largest	1.49	5.23
Smallest	0.05	0.00
Average	0.32	0.08
Median	0.23	0.03

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
JOHNSON & JOHNSON	US	1.49	0.61	Health Care
BERKSHIRE HATHAWAY B	US	1.47	0.86	Financials
CENCORA	US	1.28	0.08	Health Care
DUKE ENERGY CORP	US	1.26	0.12	Utilities
NEWMONT CORP	US	1.25	0.12	Materials
DEUTSCHE TELEKOM	DE	1.25	0.14	Comm Svcs
SOUTHERN COMPANY (THE)	US	1.24	0.12	Utilities
AT&T	US	1.20	0.23	Comm Svcs
REPUBLIC SERVICES	US	1.10	0.06	Industrials
MICROSOFT CORP	US	1.08	4.22	Info Tech
Total		12.63	6.56	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



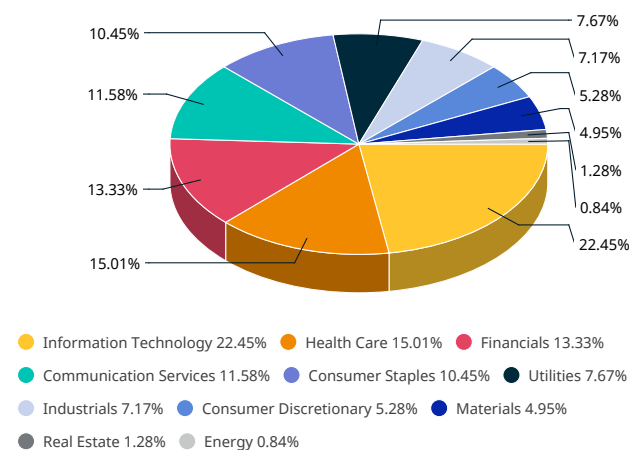
MSCI FaCS

- 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

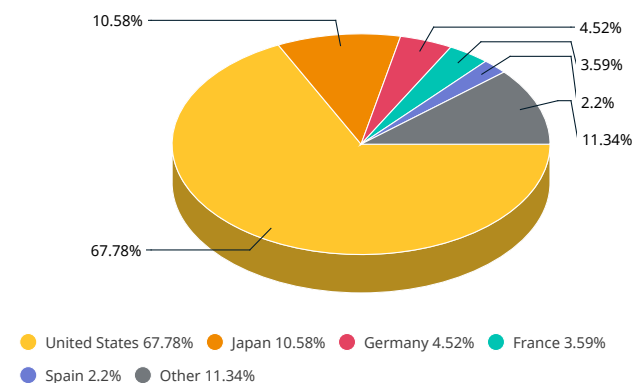
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



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 (NYSE: MSCI Inc.) strengthens global markets by connecting participants across the financial ecosystem with a common language. Our research-based data, analytics and indexes, supported by advanced technology, set standards for global investors and help our clients understand risks and opportunities so they can make better decisions and unlock innovation. We serve asset managers and owners, private-market sponsors and investors, hedge funds, wealth managers, banks, insurers and corporates. To learn more, please visit www.msci.com.

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