

MSCI World ex USA Volatility Tilt Index (USD)

The **MSCI World ex USA Volatility Tilt Index** is based on MSCI World ex USA, its parent index, which includes large and mid-cap stocks across 22 Developed Markets (DM) countries*. It aims to reflect the performance of a low volatility strategy with relatively high investment capacity. The indexes are created by tilting the market capitalization weights of all the constituents in the parent index based on the inverse of security price variance and then re-weighting them.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (APR 2010 – APR 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI World ex USA Volatility Tilt	MSCI World ex USA
2024	5.04	5.26
2023	16.34	18.60
2022	-12.97	-13.82
2021	14.97	13.17
2020	4.70	8.09
2019	23.26	23.16
2018	-11.62	-13.64
2017	23.57	24.81
2016	3.02	3.29
2015	-3.27	-2.60
2014	-0.87	-3.88
2013	19.90	21.57
2012	15.20	17.02
2011	-5.64	-11.78

INDEX PERFORMANCE – GROSS RETURNS (%) (APR 30, 2025)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1995
					3 Yr	5 Yr	10 Yr		
MSCI World ex USA Volatility Tilt	5.23	8.07	16.93	13.06	9.63	11.84	6.14	7.03	
MSCI World ex USA	4.66	6.02	13.70	11.30	10.34	12.23	6.07	5.96	

FUNDAMENTALS (APR 30, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.29	15.71	14.29	1.99
3.03	15.57	14.10	1.90

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 1995 – APR 30, 2025)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since May 31, 1995	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World ex USA Volatility Tilt	0.90	2.73	9.17	15.32	14.88	14.19	0.40	0.65	0.35	0.36	57.36	2007-10-31–2009-03-09
MSCI World ex USA	1.00	0.00	3.57	16.35	16.00	15.23	0.42	0.64	0.33	0.28	60.11	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly gross returns data

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

* DM 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 and the UK.

The MSCI World ex USA Volatility Tilt Index was launched on Jun 04, 2014. 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

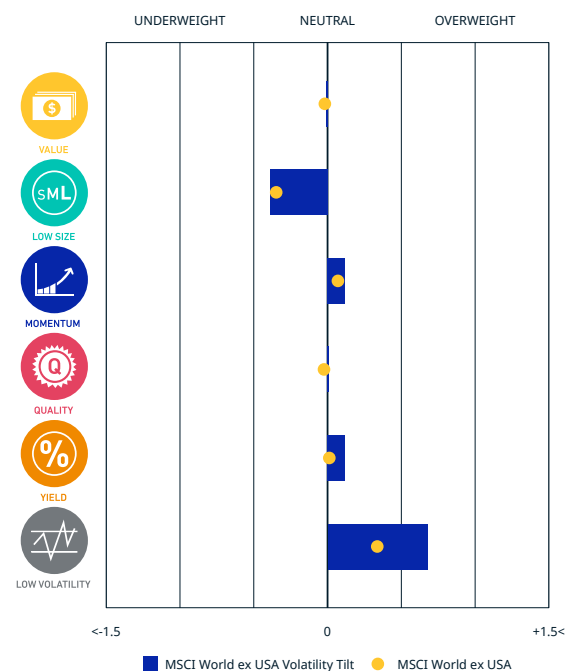
	MSCI World ex USA Volatility Tilt	MSCI World ex USA
Number of Constituents	772	776
	Weight (%)	
Largest	3.04	1.53
Smallest	0.00	0.01
Average	0.13	0.13
Median	0.05	0.06

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NESTLE	CH	3.04	1.41	Cons Staples
NOVARTIS	CH	2.04	1.13	Health Care
ROYAL BANK OF CANADA	CA	1.99	0.85	Financials
ROCHE HOLDING GENUSS	CH	1.70	1.16	Health Care
UNILEVER PLC (GB)	GB	1.54	0.79	Cons Staples
SAP	DE	1.46	1.53	Info Tech
COMMONWEALTH BANK OF AUS	AU	1.32	0.90	Financials
ASTRAZENECA	GB	1.30	1.12	Health Care
DEUTSCHE TELEKOM	DE	1.16	0.63	Comm Svcs
ALLIANZ	DE	1.13	0.80	Financials
Total		16.67	10.32	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



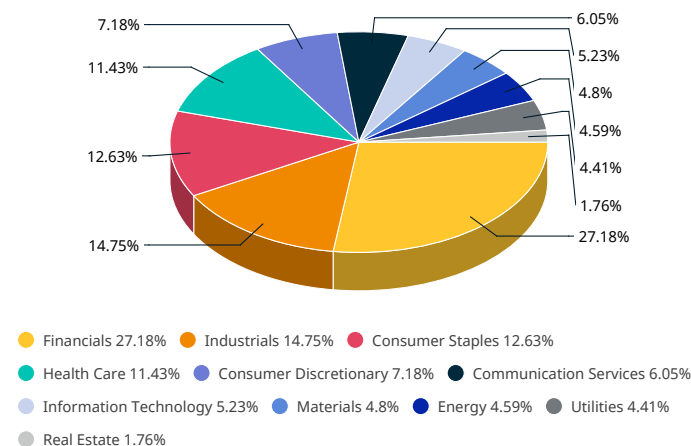
MSCI FaCS

- 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

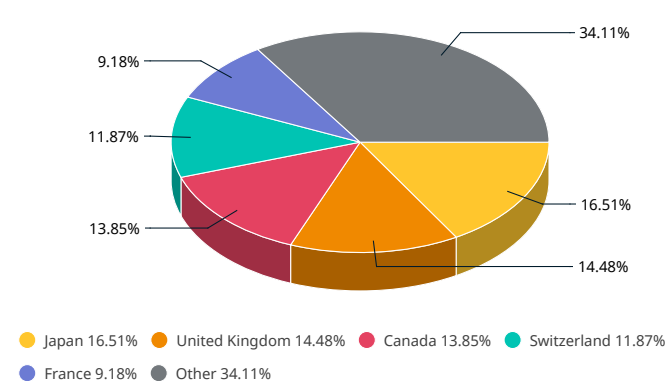
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

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