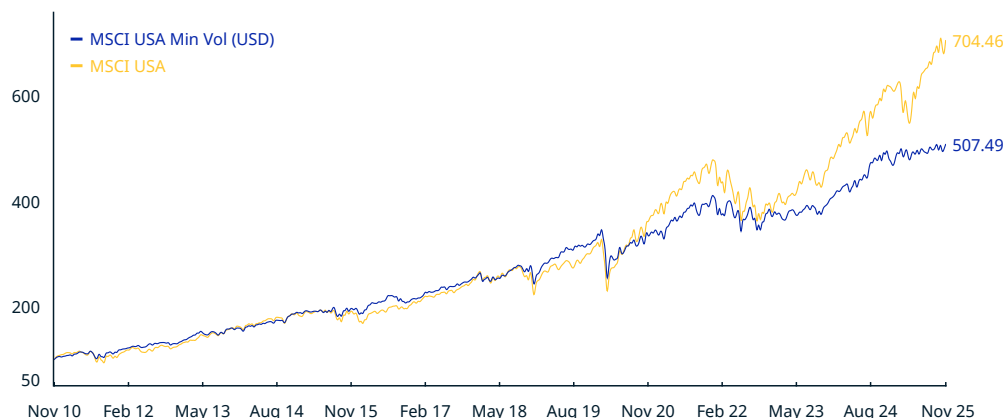


MSCI USA Minimum Volatility (USD) Index (USD)

The **MSCI USA Minimum Volatility (USD) Index** aims to reflect the performance characteristics of a minimum variance strategy applied to the large and mid cap USA equity universe. The index is calculated by optimizing the MSCI USA Index, its parent index, in USD 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 USA Index.

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

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2010 – NOV 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI USA Min Vol (USD)	MSCI USA
2024	15.38	24.58
2023	9.14	26.49
2022	-9.67	-19.85
2021	20.43	26.45
2020	5.09	20.73
2019	27.09	30.88
2018	0.87	-5.04
2017	18.41	21.19
2016	9.84	10.89
2015	4.92	0.69
2014	15.76	12.69
2013	24.37	31.79
2012	10.20	15.33
2011	11.94	1.36

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1988
					3 Yr	5 Yr	10 Yr		
MSCI USA Min Vol (USD)	2.26	1.49	2.09	8.17	9.44	8.67	10.06	9.91	
MSCI USA	-0.00	6.07	14.31	17.34	20.27	14.30	14.02	10.79	

FUNDAMENTALS (NOV 28, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.55	23.36	19.56	4.55
1.14	28.20	22.86	5.57

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 1988 – NOV 28, 2025)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since May 31, 1988	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI USA Min Vol (USD)	0.72	6.23	20.12	9.81	12.36	12.24	0.48	0.48	0.67	0.59	47.18	2007-10-09–2009-03-09
MSCI USA	1.00	0.00	2.16	12.98	15.35	15.39	1.13	0.75	0.79	0.55	55.36	2007-10-09–2009-03-09

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

The MSCI USA Minimum Volatility (USD) Index was launched on Jun 02, 2008. 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

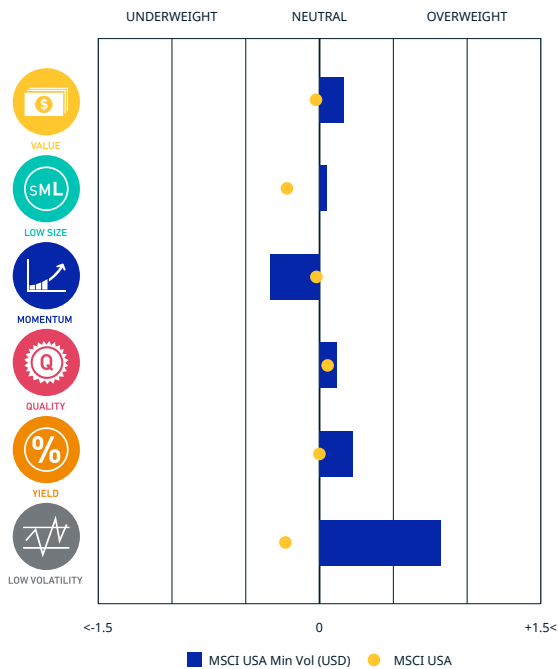
	MSCI USA Min Vol (USD)	MSCI USA
Number of Constituents	171	544
	Weight (%)	
Largest	1.59	7.21
Smallest	0.04	0.01
Average	0.58	0.18
Median	0.48	0.06

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
JOHNSON & JOHNSON	1.59	0.84	Health Care
MCKESSON CORP	1.56	0.18	Health Care
CISCO SYSTEMS	1.55	0.51	Info Tech
MERCK & CO	1.52	0.44	Health Care
BERKSHIRE HATHAWAY B	1.52	1.19	Financials
CENCORA	1.52	0.11	Health Care
CHUBB	1.50	0.19	Financials
AMPHENOL CORP	1.48	0.29	Info Tech
DUKE ENERGY CORP	1.47	0.16	Utilities
EXXON MOBIL CORP	1.46	0.83	Energy
Total	15.17	4.73	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



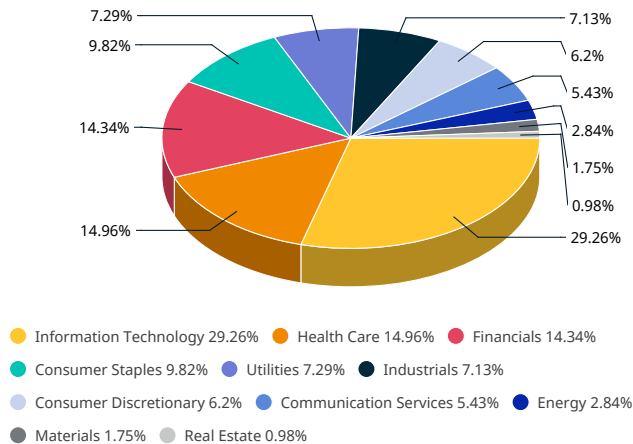
MSCI FaCS

- 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



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.

The data, data feeds, databases, reports, text, graphs, charts, images, videos, recordings, models, metrics, analytics, indexes, assessments, ratings, scores, software, websites, products, services and other information delivered in connection with this notice (the "Information"): (a) are proprietary information of MSCI and its suppliers, (b) may not be used for commercial purposes without prior written permission from MSCI Inc. or its affiliates ("MSCI"), and (c) are not investment advice and must not be relied on as such. The Information and its use are further subject to the disclaimer at <https://www.msci.com/legal/notice-and-disclaimer>. As detailed therein, MSCI AND ITS SUPPLIERS MAKE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WITH RESPECT TO THE INFORMATION HEREIN AND DISCLAIM ALL LIABILITY TO THE MAXIMUM EXTENT PERMITTED BY LAW. For information about how MSCI collects and uses personal data, refer to <https://www.msci.com/privacy-pledge>.

© 2025 MSCI Inc. All rights reserved.

