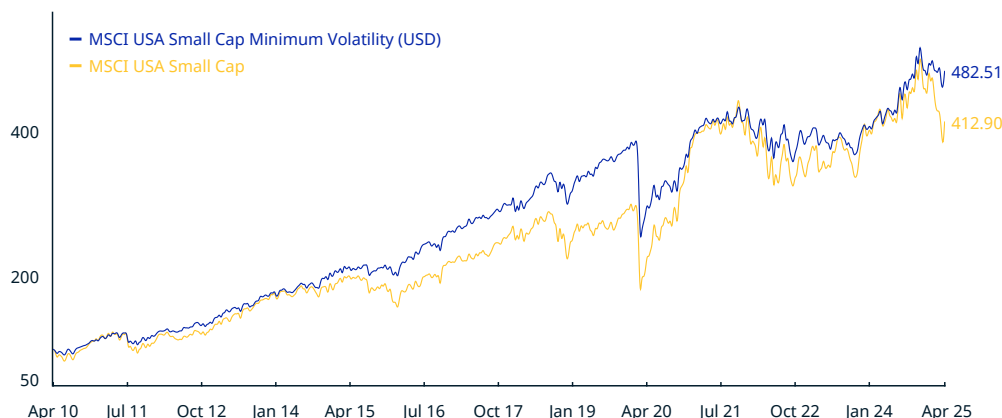


# MSCI USA Small Cap Minimum Volatility (USD) Index (USD)

The MSCI USA Small Cap Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to the small cap USA equity universe. The index is calculated by optimizing the MSCI USA Small Cap 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 Small Cap Index.

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 USA Small Cap Minimum Volatility (USD)	MSCI USA Small Cap
2024	18.62	12.04
2023	4.95	18.44
2022	-9.81	-17.17
2021	16.93	19.56
2020	-2.84	18.90
2019	24.74	27.38
2018	1.74	-9.99
2017	14.12	17.30
2016	22.67	19.80
2015	4.84	-3.65
2014	14.08	7.55
2013	31.13	38.26
2012	14.48	18.22
2011	6.46	-3.03

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2001
					3 Yr	5 Yr	10 Yr		
MSCI USA Small Cap Minimum Volatility (USD)	-0.66	-2.01	16.50	-0.18	7.32	9.88	8.85	10.05	
MSCI USA Small Cap	-2.41	-13.14	2.19	-9.97	4.70	12.24	7.80	8.93	

## FUNDAMENTALS (APR 30, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.98	19.01	18.65	2.38
1.73	26.44	17.30	2.02

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2001 – APR 30, 2025)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2, 3</sup>			Since May 31, 2001	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI USA Small Cap Minimum Volatility (USD)	0.65	8.25	40.70	13.79	13.34	13.66	0.27	0.57	0.55	0.63	50.99	2007-06-04–2009-03-09
MSCI USA Small Cap	1.00	0.00	11.76	21.98	20.56	20.05	0.12	0.53	0.38	0.44	59.52	2007-06-04–2009-03-09

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

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

The MSCI USA Small Cap Minimum Volatility (USD) Index was launched on May 03, 2016. 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

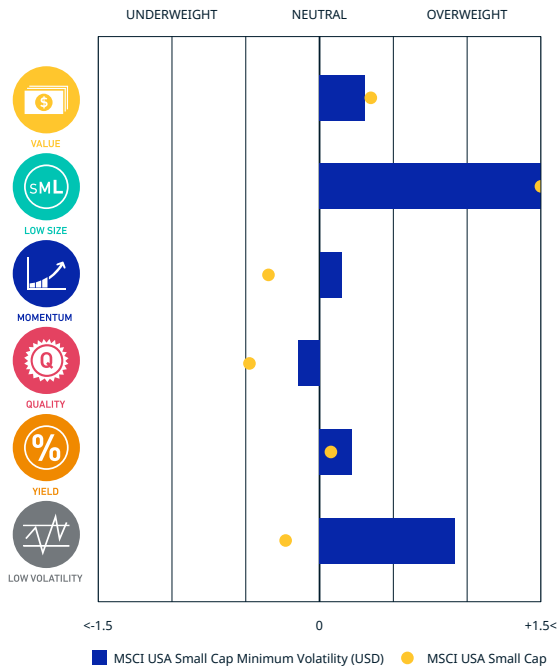
	MSCI USA Small Cap Minimum Volatility (USD)	MSCI USA Small Cap
Number of Constituents	277	1,695
Weight (%)		
Largest	1.97	0.37
Smallest	0.03	0.00
Average	0.36	0.06
Median	0.22	0.04

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
ROYAL GOLD	1.97	0.26	Materials
OLD REPUBLIC INTL CORP	1.67	0.20	Financials
AGREE REALTY CORP	1.62	0.18	Real Estate
PINNACLE WEST CAPITAL	1.61	0.24	Utilities
AXIS CAPITAL HOLDINGS	1.50	0.17	Financials
CHEMED CORP	1.50	0.18	Health Care
APTARGROUP	1.42	0.22	Materials
ENCOMPASS HEALTH CORP	1.39	0.26	Health Care
MURPHY USA	1.36	0.21	Cons Discr
ENSIGN GROUP (THE)	1.36	0.16	Health Care
Total	15.41	2.07	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



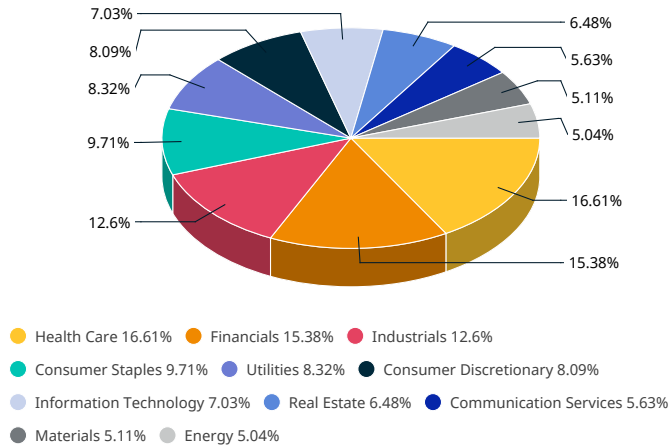
MSCI FaCS

- 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

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