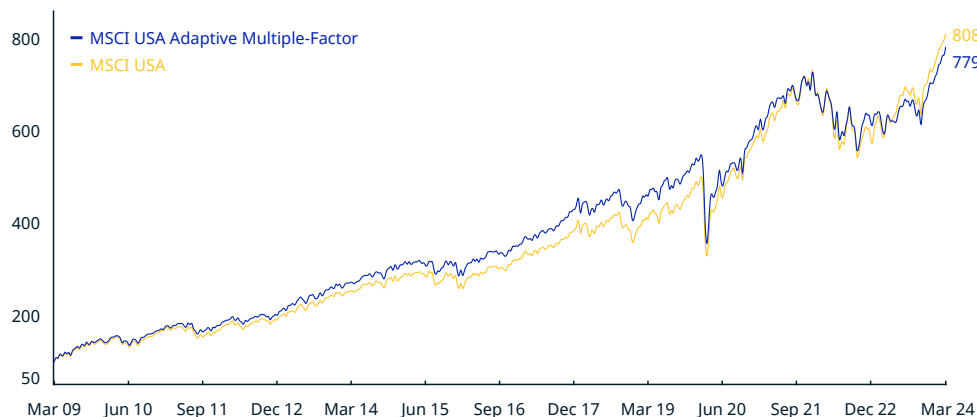# MSCI USA Adaptive Multiple-Factor Index (USD)

The MSCI USA Adaptive Multiple-Factor Index captures US large and mid cap stocks. The index is designed to represent the performance of a strategy of combining MSCI Quality, MSCI Momentum, MSCI Equal-Weighted, MSCI High Dividend Yield, MSCI Enhanced Value and MSCI Minimum Volatility Indexes in a single composite index

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

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAR 2009 – MAR 2024)

— MSCI USA Adaptive Multiple-Factor 808.69
— MSCI USA 779.90

ANNUAL PERFORMANCE (%)

Year	MSCI USA Adaptive Multiple-Factor	MSCI USA
2023	14.59	26.49
2022	-14.56	-19.85
2021	22.42	26.45
2020	11.59	20.73
2019	28.70	30.88
2018	-4.09	-5.04
2017	23.69	21.19
2016	11.01	10.89
2015	1.66	0.69
2014	14.24	12.69
2013	33.85	31.79
2012	13.65	15.33
2011	5.58	1.36
2010	14.80	14.77

INDEX PERFORMANCE — NET RETURNS (%) (MAR 29, 2024)

					ANNUALIZED			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since Nov 25, 2008
MSCI USA Adaptive Multiple-Factor	3.96	10.69	24.81	10.69	7.23	11.00	11.08	13.85
MSCI USA	3.15	10.30	29.67	10.30	10.30	14.46	12.27	14.17

FUNDAMENTALS (MAR 29, 2024)

	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI USA Adaptive Multiple-Factor	1.85	21.46	17.73	3.62
MSCI USA	1.35	26.20	21.42	4.82

INDEX RISK AND RETURN CHARACTERISTICS (NOV 25, 2008 – MAR 29, 2024)

				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 25, 2008	(%)	Period YYYY-MM-DD
MSCI USA Adaptive Multiple-Factor	0.93	2.78	40.44	16.14	17.42	14.33	0.35	0.57	0.71	0.88	34.94	2020-02-19—2020-03-23
MSCI USA	1.00	0.00	2.00	17.81	18.68	15.37	0.50	0.71	0.74	0.86	34.16	2020-02-19—2020-03-23

[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

MSCI

INDEX CHARACTERISTICS

	MSCI USA Adaptive Multiple-Factor	MSCI USA
Number of Constituents	610	610
Weight (%)		
Largest	2.89	6.45
Smallest	0.01	0.01
Average	0.16	0.16
Median	0.08	0.06

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
BROADCOM	2.89	1.28	Info Tech
NVIDIA	2.42	4.85	Info Tech
META PLATFORMS A	1.93	2.34	Comm Srvcs
LILLY (ELI) & COMPANY	1.90	1.36	Health Care
MICROSOFT CORP	1.77	6.45	Info Tech
CISCO SYSTEMS	1.75	0.44	Info Tech
INTEL CORP	1.55	0.40	Info Tech
JOHNSON & JOHNSON	1.25	0.83	Health Care
IBM CORP	1.23	0.38	Info Tech
APPLIED MATERIALS	1.07	0.37	Info Tech
Total	17.75	18.70	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX

- MSCI USA Adaptive Multiple-Factor
- MSCI USA
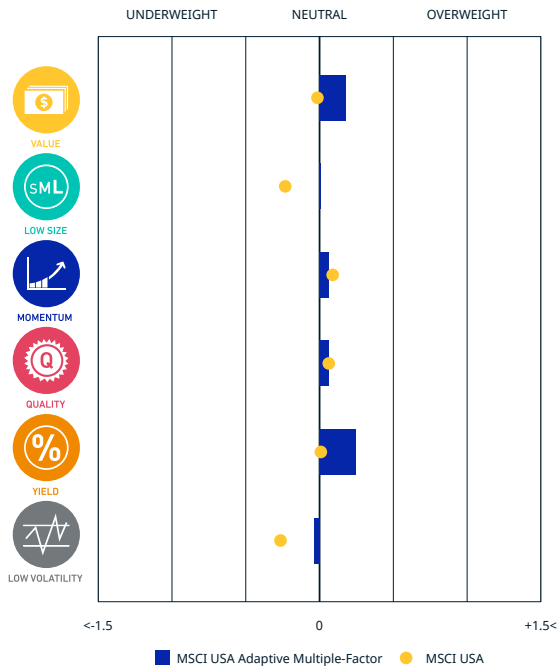
MSCI FaCS

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

- Information Technology 27.27%
- Health Care 13.48%
- Industrials 12.41%
- Financials 11.61%
- Consumer Discretionary 8.79%
- Communication Services 7.77%
- Consumer Staples 7.52%
- Energy 3.91%
- Utilities 3.09%
- Materials 2.53%
- Real Estate 1.62%
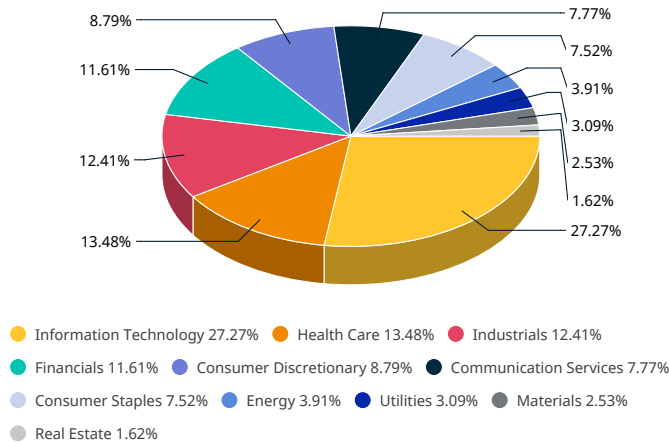
MSCI

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