# MSCI USA Mid Cap Diversified Multiple-Factor Index (USD)

The MSCI USA Mid Cap Diversified Multiple-Factor Index is based on a traditional market cap weighted parent index, the MSCI USA Mid Cap Index, which includes US mid cap stocks. The index aims to maximize exposure to four factors – Value, Momentum, Quality and Low Size – while maintaining a risk profile similar to that of the underlying parent index.

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

## CUMULATIVE INDEX PERFORMANCE — GROSS RETURNS (USD) (FEB 2009 — FEB 2024)

### ANNUAL PERFORMANCE (%)

(	
800	<ul> <li>MSCI USA Mid Cap Diversified Multiple-Factor</li> <li>MSCI USA Mid Cap</li> </ul>
400	
50 Feb	109 May 10 Aug 11 Nov 12 Feb 14 May 15 Aug 16 Nov 17 Feb 19 May 20 Aug 21 Nov 22 Feb 24

	Year	Cap Diversified Multiple-Factor	MSCI USA Mid Cap
3	2023	16.35	15.30
	2022	-14.44	-18.18
	2021	29.86	25.52
	2020	13.33	20.95
	2019	22.78	30.84
	2018	-12.03	-9.37
	2017	23.44	19.75
	2016	16.25	12.43
	2015	-0.88	-1.59
	2014	12.91	12.45
	2013	44.60	34.95
	2012	19.01	16.73
	2011	1.28	-0.83
	2010	26.57	26.11

#### INDEX PERFORMANCE - GROSS RETURNS (%) (FEB 29, 2024)

#### **FUNDAMENTALS (FEB 29, 2024)**

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr <sub>N</sub>	Since lov 29, 2002	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI USA Mid Cap Diversified Multiple-Factor	6.89	14.83	18.83	6.63	9.60	11.20	10.43	12.60	1.51	16.33	14.60	2.66
MSCI USA Mid Cap	5.75	12.28	14.21	4.04	5.37	11.07	9.82	10.84	1.55	23.59	18.71	3.08

#### INDEX RISK AND RETURN CHARACTERISTICS (NOV 29, 2002 - FEB 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 29, 2002	(%)	Period YYYY-MM-DD
MSCI USA Mid Cap Diversified Multiple-Factor	0.97	3.35	40.18	20.51	21.82	17.63	0.43	0.51	0.57	0.68	57.10	2007-06-04-2009-03-09
MSCI USA Mid Cap	1.00	0.00	15.31	19.57	21.24	17.41	0.24	0.51	0.55	0.59	59.98	2007-07-13-2009-03-09
	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									

The MSCI USA Mid Cap Diversified Multiple-Factor Index was launched on Feb 26, 2019. 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.



FEB 29, 2024 Index Factsheet

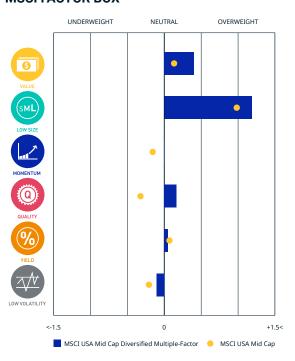
#### **INDEX CHARACTERISTICS**

	MSCI USA Mid Cap Diversified Multiple-Factor	MSCI USA Mid Cap					
Number of	105	331					
Constituents							
	Weight (%)						
Largest	3.14	0.95					
Smallest	0.02	0.05					
Average	0.95	0.30					
Median	0.90	0.27					

#### **TOP 10 CONSTITUENTS**

	Index Wt. (%)	Parent Index Wt. (%)	Sector
SUPER MICRO COMPUTER	3.14	0.72	Info Tech
UNITED RENTALS	2.07	0.83	Industrials
LENNAR CORP A	1.74	0.70	Cons Discr
BUILDERS FIRSTSOURCE	1.66	0.43	Industrials
DECKERS OUTDOOR CORP	1.62	0.41	Cons Discr
HARTFORD FINANCIAL SVCS	1.58	0.51	Financials
FAIR ISAAC CORP	1.58	0.55	Info Tech
VISTRA ENERGY	1.54	0.32	Utilities
SYNCHRONY FINANCIAL	1.48	0.30	Financials
NVR	1.46	0.44	Cons Discr
Total	17.88	5.22	

## 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



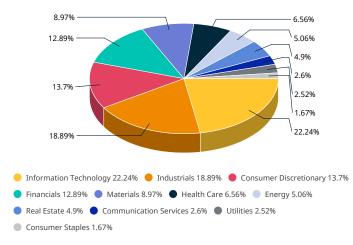
LOW VOLATILITY Lower Risk Stocks

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**





FEB 29, 2024 Index Factsheet

#### 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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