

MSCI US Mid Cap 450 Index (USD)

The **MSCI US Mid Cap 450 Index** is comprised of the next largest 450 companies in terms of market capitalization of the US equity market and designed to measure the performance of the mid cap segment. The index represents approximately 16% of the free float-adjusted market capitalization of the US equity market.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (MAR 2009 – MAR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI US Mid Cap 450	MSCI US Investable Market 2500	MSCI US Broad Market
2023	14.50	26.26	26.21
2022	-16.94	-19.24	-19.23
2021	24.03	26.13	26.10
2020	19.82	21.01	21.02
2019	30.61	31.09	31.07
2018	-8.14	-5.27	-5.28
2017	20.26	21.22	21.21
2016	12.62	12.63	12.67
2015	-0.55	0.61	0.57
2014	13.39	12.71	12.66
2013	36.34	33.51	33.62
2012	16.04	16.40	16.44
2011	-1.91	1.15	1.08
2010	25.69	17.17	17.28

INDEX PERFORMANCE – GROSS RETURNS (%) (MAR 29, 2024)

					ANNUALIZED			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since May 30, 2003
MSCI US Mid Cap 450	4.29	9.03	21.92	9.03	5.71	11.51	10.56	11.17
MSCI US Investable Market 2500	3.24	9.95	29.30	9.95	9.96	14.47	12.43	10.79
MSCI US Broad Market	3.24	9.95	29.27	9.95	9.92	14.46	12.41	10.80

FUNDAMENTALS (MAR 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.46	24.05	18.66	3.04
1.37	26.74	21.31	4.36
1.37	26.81	na	4.34

INDEX RISK AND RETURN CHARACTERISTICS (MAR 29, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since May 30, 2003	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI US Mid Cap 450	11.90	19.65	21.37	17.43	0.25	0.52	0.58	0.56	58.90	2007-07-13–2009-03-09
MSCI US Investable Market 2500	1.94	17.91	19.00	15.66	0.48	0.70	0.74	0.56	55.29	2007-10-09–2009-03-09
MSCI US Broad Market	1.92	17.91	19.00	15.67	0.48	0.70	0.74	0.64	55.39	2007-10-09–2009-03-09

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

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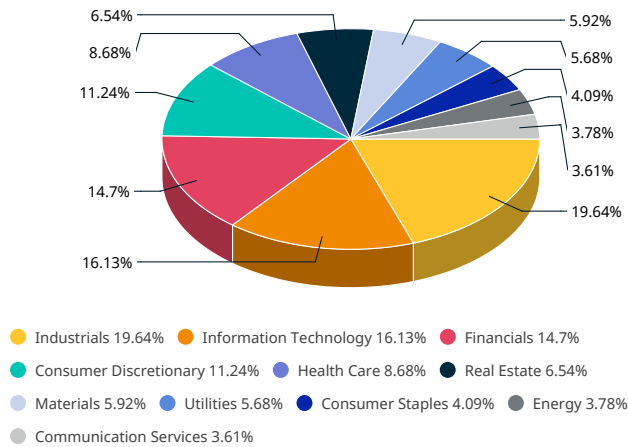
INDEX CHARACTERISTICS

MSCI US Mid Cap 450	
Number of Constituents	457
Mkt Cap (USD Millions)	
Index	6,465,532.69
Largest	59,037.70
Smallest	989.43
Average	14,147.77
Median	12,076.96

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
CONSTELLATION ENERGY	59.04	0.91	Utilities
SUPER MICRO COMPUTER	50.77	0.79	Info Tech
UNITED RENTALS	48.88	0.76	Industrials
COINBASE GLOBAL A	45.99	0.71	Financials
GRAINGER (WW)	45.44	0.70	Industrials
FERGUSON(US)	44.45	0.69	Industrials
LENNAR CORP A	43.02	0.67	Cons Discr
PALANTIR TECHNOLOGIES A	42.86	0.66	Info Tech
INGERSOLL-RAND	38.44	0.59	Industrials
MARTIN MARIETTA MATRLS	37.95	0.59	Materials
Total	456.83	7.07	

SECTOR WEIGHTS



The MSCI US Mid Cap 450 Index was launched on Mar 27, 2003. 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.

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