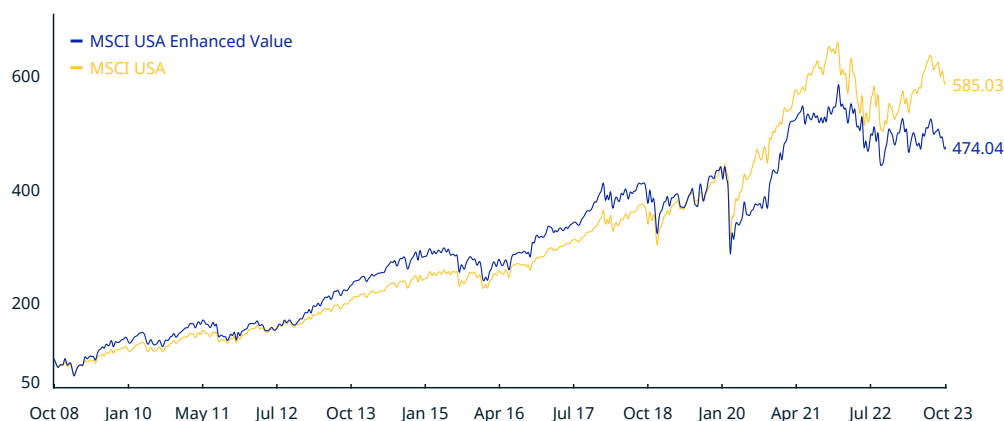


# MSCI USA Enhanced Value Index (USD)

The MSCI USA Enhanced Value Index captures large and mid-cap representation across the US equity markets exhibiting overall value style characteristics. The index is designed to represent the performance of securities that exhibit higher value characteristics relative to their peers within the corresponding GICS® sector. The value investment style characteristics for index construction are defined using three variables: Price-to-Book Value, Price-to-Forward Earnings and Enterprise Value-to-Cash flow from Operations.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (OCT 2008 – OCT 2023)



## ANNUAL PERFORMANCE (%)

Year	MSCI USA Enhanced Value	MSCI USA
2022	-13.99	-19.46
2021	29.20	26.97
2020	-0.23	21.37
2019	27.66	31.64
2018	-11.06	-4.50
2017	22.18	21.90
2016	15.94	11.61
2015	-6.38	1.32
2014	17.69	13.36
2013	43.17	32.61
2012	16.78	16.13
2011	-2.66	1.99
2010	12.69	15.45
2009	38.80	27.14

## INDEX PERFORMANCE – GROSS RETURNS (%) (OCT 31, 2023)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 28, 1997
					3 Yr	5 Yr	10 Yr	Since Nov 28, 1997	
MSCI USA Enhanced Value	-3.57	-9.34	-2.41	-1.74	9.41	4.19	7.50	8.25	
MSCI USA	-2.30	-8.45	10.08	10.92	9.63	10.95	11.07	7.79	

## FUNDAMENTALS (OCT 31, 2023)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.09	12.18	9.94	1.44
1.62	22.19	17.80	3.99

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 28, 1997 – OCT 31, 2023)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 28, 1997	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI USA Enhanced Value	1.03	6.90	21.51	20.44	21.86	17.29	0.45	0.22	0.43	0.42	59.48	2007-06-04–2009-03-09
MSCI USA	1.00	0.00	2.12	18.07	18.99	15.15	0.49	0.55	0.69	0.42	54.91	2007-10-09–2009-03-09

<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 Enhanced Value Index was launched on Dec 12, 2014. 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**

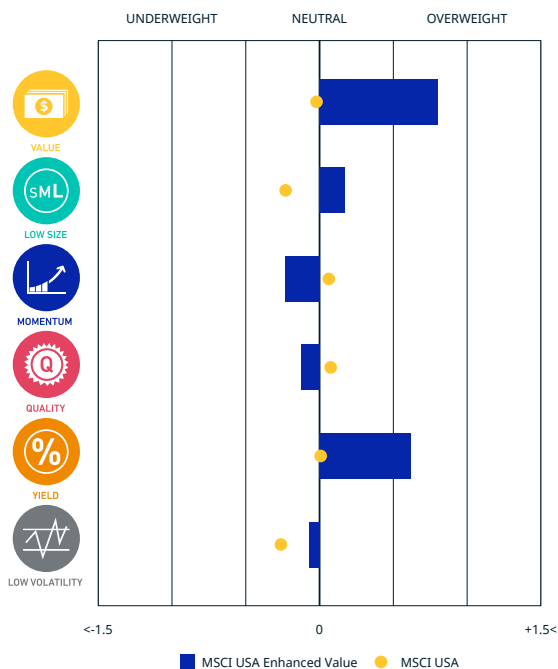
	MSCI USA Enhanced Value	MSCI USA
<b>Number of Constituents</b>	147	626
	Weight (%)	
<b>Largest</b>	6.18	7.26
<b>Smallest</b>	0.05	0.01
<b>Average</b>	0.68	0.16
<b>Median</b>	0.36	0.06

**TOP 10 CONSTITUENTS**

	Index Wt. (%)	Parent Index Wt. (%)	Sector
INTEL CORP	6.18	0.41	Info Tech
AT&T	5.71	0.30	Comm Svcs
CISCO SYSTEMS	5.23	0.57	Info Tech
MICRON TECHNOLOGY	3.30	0.20	Info Tech
IBM CORP	3.09	0.35	Info Tech
PFIZER	2.97	0.47	Health Care
GENERAL MOTORS	2.29	0.11	Cons Discr
APPLIED MATERIALS	2.08	0.30	Info Tech
WELLS FARGO & CO	2.08	0.39	Financials
CVS HEALTH	2.01	0.24	Health Care
<b>Total</b>	<b>34.96</b>	<b>3.34</b>	

**FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN**

**MSCI FACTOR BOX**



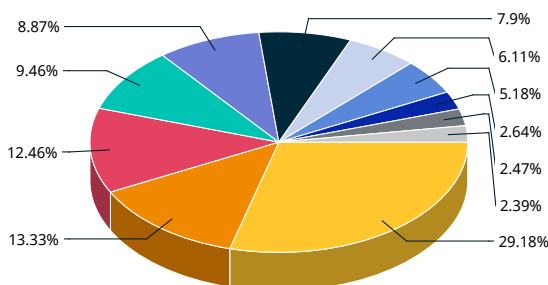
**MSCI FaCS**

- 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**



- Information Technology 29.18%
- Health Care 13.33%
- Financials 12.46%
- Consumer Discretionary 9.46%
- Industrials 8.87%
- Communication Services 7.9%
- Consumer Staples 6.11%
- Energy 5.18%
- Materials 2.64%
- Real Estate 2.47%
- Utilities 2.39%

## INDEX FRAMEWORK

The [MSCI Enhanced Value Indexes](#) are designed to represent the performance of securities that exhibit relatively higher value characteristics within the parent universe of securities. The value z-score for each security is calculated by combining the z-scores of three valuation descriptors, namely Price-to-Book Value, Price-to-Forward Earnings and Enterprise Value-to-Cash flow from Operations. The indexes are constructed with a fixed number of securities approach choosing constituents from their Parent index based on their Final Value Scores. Coinciding with the semi-annual index reviews of the Parent Index, the MSCI Enhanced Value Indexes are rebalanced on the last business day of May and November.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - 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

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