

# 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) (DEC 2002 – DEC 2017)



## ANNUAL PERFORMANCE (%)

Year	MSCI USA Enhanced Value	MSCI USA
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
2008	-36.94	-37.14
2007	1.06	6.03
2006	19.70	15.32
2005	13.17	5.72
2004	19.88	10.71

## INDEX PERFORMANCE — GROSS RETURNS (%) (DEC 29, 2017)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Nov 28, 1997
MSCI USA Enhanced Value	1.64	8.67	22.18	22.18	9.87	17.45	9.62	9.60
MSCI USA	1.08	6.55	21.90	21.90	11.29	15.69	8.52	7.20

## FUNDAMENTALS (DEC 29, 2017)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.37	17.17	13.05	2.07
1.86	24.41	18.77	3.29

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 28, 1997 – DEC 29, 2017)

	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	1.04	6.07	15.94	12.14	11.26	18.07	0.79	1.46	0.57	0.50	59.48	2007-06-04—2009-03-09
MSCI USA	1.00	0.00	2.85	10.12	9.55	15.12	1.06	1.54	0.58	0.39	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 ICE LIBOR 1M

The MSCI USA Enhanced Value Index was launched on Dec 12, 2014. Data prior to the launch date is back-tested data (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.

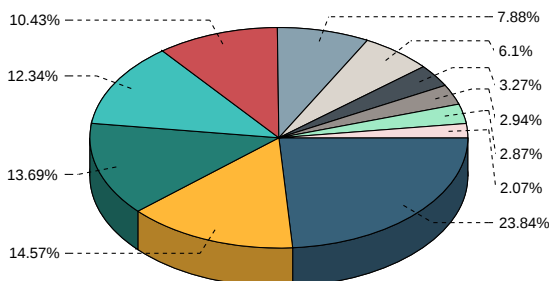
## INDEX CHARACTERISTICS

	MSCI USA Enhanced Value	MSCI USA
Number of Constituents	150	633
	Weight (%)	
Largest	9.77	3.65
Smallest	0.04	0.01
Average	0.67	0.16
Median	0.31	0.06

## TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
APPLE	9.77	3.65	Info Tech
GENERAL MOTORS	3.39	0.22	Cons Discr
INTEL CORP	3.38	0.91	Info Tech
PFIZER	3.35	0.90	Health Care
WAL-MART STORES	3.15	0.62	Cons Staples
CISCO SYSTEMS	3.04	0.80	Info Tech
BANK OF AMERICA CORP	2.87	1.24	Financials
CHEVRON CORP	2.85	0.99	Energy
CITIGROUP	2.51	0.85	Financials
JPMORGAN CHASE & CO	2.51	1.57	Financials
Total	36.82	11.74	

## SECTOR WEIGHTS



- Information Technology 23.84%
- Financials 14.57%
- Health Care 13.69%
- Consumer Discretionary 12.34%
- Industrials 10.43%
- Consumer Staples 7.88%
- Energy 6.1%
- Materials 3.27%
- Real Estate 2.94%
- Utilities 2.87%
- Telecommunication Services 2.07%

## INDEX METHODOLOGY

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.

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