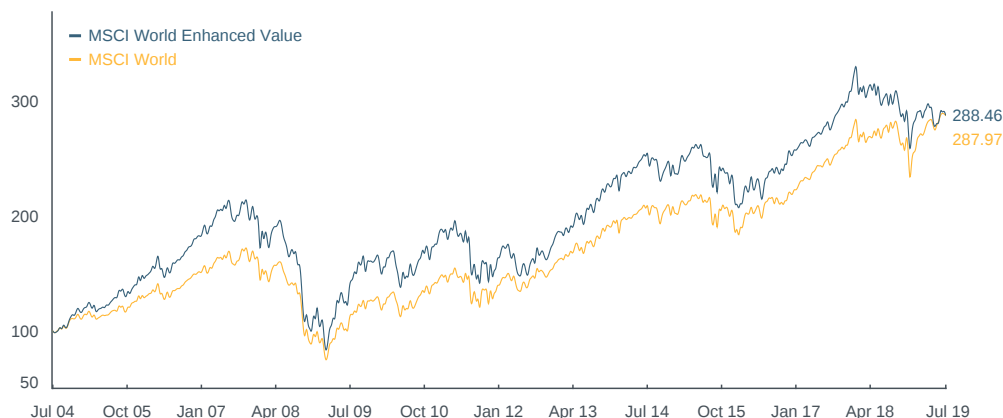


# MSCI WORLD ENHANCED VALUE INDEX (USD)

The MSCI World Enhanced Value Index captures large and mid-cap representation across 23 Developed Markets (DM) countries\* 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 - NET RETURNS (USD) (JUL 2004 – JUL 2019)



## ANNUAL PERFORMANCE (%)

Year	MSCI World Enhanced Value	MSCI World
2018	-13.93	-8.71
2017	22.15	22.40
2016	8.13	7.51
2015	-3.28	-0.87
2014	3.98	4.94
2013	31.92	26.68
2012	14.28	15.83
2011	-11.57	-5.54
2010	8.59	11.76
2009	41.09	29.99
2008	-43.04	-40.71
2007	9.76	9.04
2006	30.39	20.07
2005	16.76	9.49

## INDEX PERFORMANCE — NET RETURNS (%) (JUL 31, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Nov 28, 1997
MSCI World Enhanced Value	-0.34	-2.21	-6.04	8.40	7.04	2.93	7.49	8.50
MSCI World	0.50	0.94	3.62	17.56	10.42	7.05	9.87	5.93

## FUNDAMENTALS (JUL 31, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.67	10.47	9.07	1.03
2.44	18.48	15.77	2.46

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 28, 1997 – JUL 31, 2019)

	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 World Enhanced Value	1.09	6.44	22.57	12.10	13.08	15.42	0.49	0.21	0.51	0.42	62.01	2007-10-31—2009-03-09
MSCI World	1.00	0.00	2.34	11.16	11.67	13.07	0.80	0.55	0.74	0.31	57.82	2007-10-31—2009-03-09

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on ICE LIBOR 1M

\* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI World Enhanced Value Index was launched on Aug 11, 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.

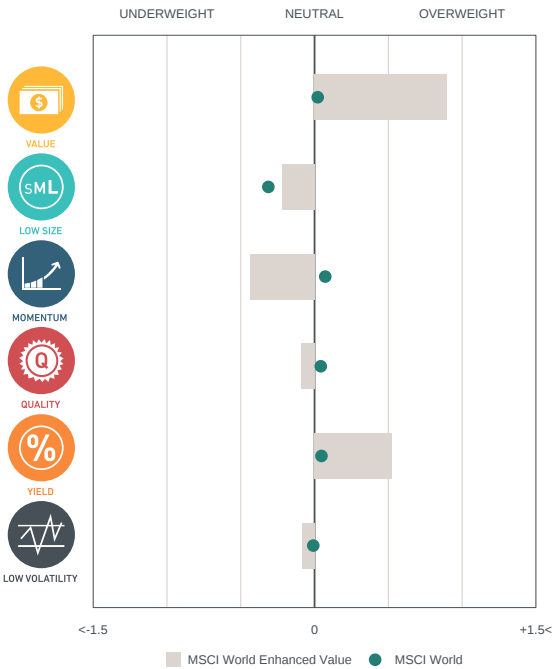
### INDEX CHARACTERISTICS

	MSCI World Enhanced Value	MSCI World
Number of Constituents	400	1,651
Weight (%)		
Largest	4.16	2.42
Smallest	0.01	0.00
Average	0.25	0.06
Median	0.12	0.02

### TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
INTEL CORP	US	4.16	0.55	Info Tech
AT&T	US	3.80	0.60	Comm Srvcs
IBM CORP	US	2.43	0.32	Info Tech
MICRON TECHNOLOGY	US	2.03	0.12	Info Tech
TOYOTA MOTOR CORP	JP	1.95	0.36	Cons Discr
PFIZER	US	1.91	0.52	Health Care
BRITISH AMERICAN TOBACCO	GB	1.80	0.20	Cons Staples
CITIGROUP	US	1.52	0.40	Financials
HITACHI	JP	1.16	0.08	Info Tech
ALLERGAN	US	1.13	0.13	Health Care
<b>Total</b>		<b>21.89</b>	<b>3.28</b>	

### FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



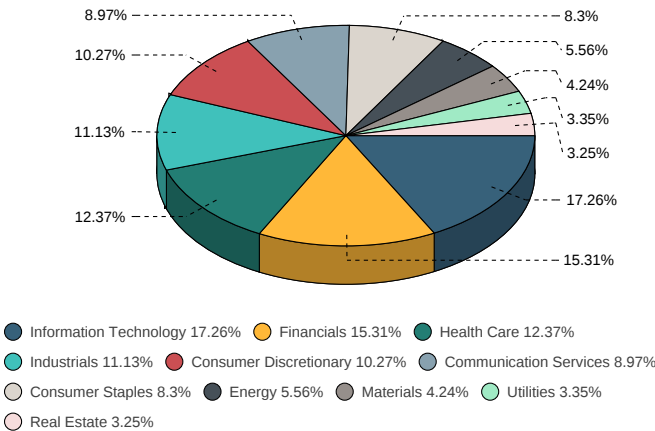
### MSCI FaCS

- 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

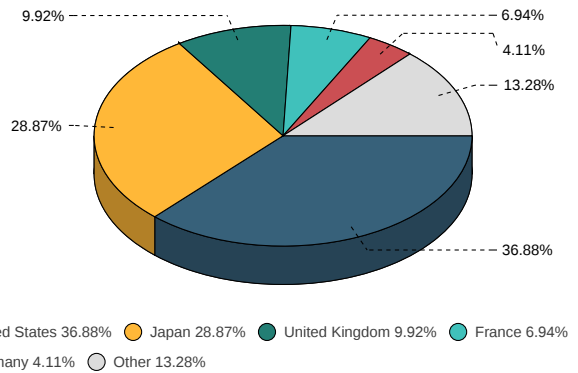
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

### SECTOR WEIGHTS



### COUNTRY WEIGHTS



## 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.

## FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) 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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