

MSCI WORLD EX AUSTRALIA INDEX (USD)

The MSCI World ex Australia Index captures large and mid cap representation across 22 of 23 Developed Markets countries* (excluding Australia). With 1,567 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (APR 2004 – APR 2019)



ANNUAL PERFORMANCE (%)

Year	MSCI World ex Australia	MSCI World	MSCI ACWI IMI
2018	-8.11	-8.20	-9.61
2017	23.15	23.07	24.58
2016	8.06	8.15	8.96
2015	-0.05	-0.32	-1.68
2014	5.78	5.50	4.36
2013	28.27	27.37	24.17
2012	16.32	16.54	17.04
2011	-4.78	-5.02	-7.43
2010	12.24	12.34	14.87
2009	29.43	30.79	37.18
2008	-40.02	-40.33	-42.01
2007	9.01	9.57	11.66
2006	20.36	20.65	21.49
2005	9.85	10.02	12.06

INDEX PERFORMANCE — GROSS RETURNS (%) (APR 30, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			Since May 31, 1994
					3 Yr	5 Yr	10 Yr	
MSCI World ex Australia	3.66	8.32	7.17	16.80	12.11	8.10	12.28	7.56
MSCI World	3.60	8.25	7.08	16.70	12.02	7.91	12.20	7.59
MSCI ACWI IMI	3.36	7.44	4.83	16.22	11.79	7.46	11.90	7.36

FUNDAMENTALS (APR 30, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.40	18.43	15.76	2.48
2.44	18.35	15.74	2.46
2.42	18.09	15.49	2.25

INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2019)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since May 31, 1994	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI World ex Australia	2.20	10.20	11.04	13.13	1.04	0.68	0.91	na	57.21	2007-10-31—2009-03-09
MSCI World	2.18	10.17	11.06	13.25	1.03	0.66	0.89	na	57.46	2007-10-31—2009-03-09
MSCI ACWI IMI	2.46	10.25	11.21	13.63	1.00	0.62	0.85	0.37	58.28	2007-10-31—2009-03-09

¹ Last 12 months

² Based on monthly gross returns data

³ Based on ICE LIBOR 1M

* Developed Markets countries include: 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 ex Australia Index was launched on Dec 31, 1969. 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

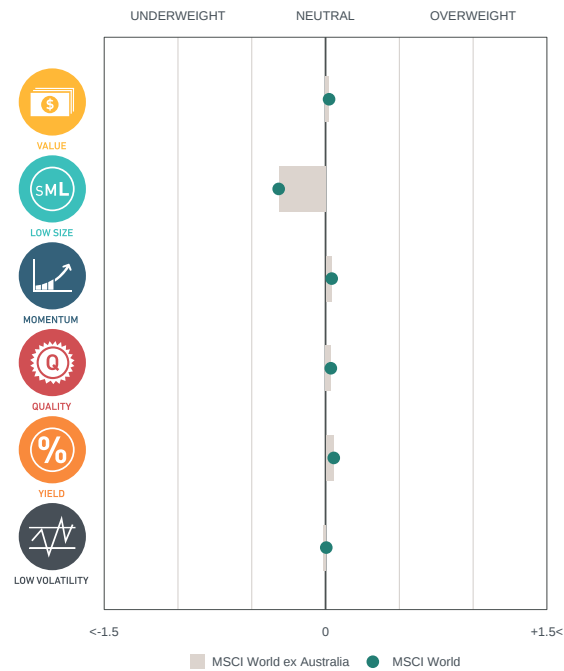
MSCI World ex Australia	
Number of Constituents	1,567
Mkt Cap (USD Millions)	
Index	40,248,094.16
Largest	952,388.46
Smallest	1,348.25
Average	25,684.81
Median	10,499.94

TOP 10 CONSTITUENTS

Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
US	952.39	2.37	Info Tech
US	952.26	2.37	Info Tech
US	800.71	1.99	Cons Discr
US	464.64	1.15	Comm Svcs
US	385.91	0.96	Financials
US	378.70	0.94	Health Care
US	373.96	0.93	Comm Svcs
US	358.45	0.89	Comm Svcs
US	339.89	0.84	Energy
CH	294.73	0.73	Cons Staples
Total		5,301.63	13.17

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



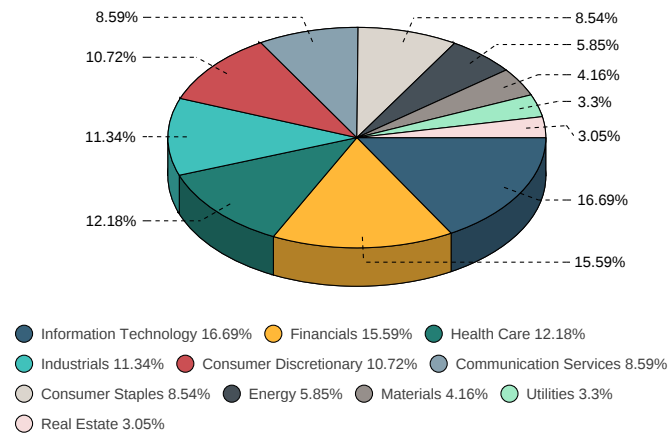
MSCI FaCS

- 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

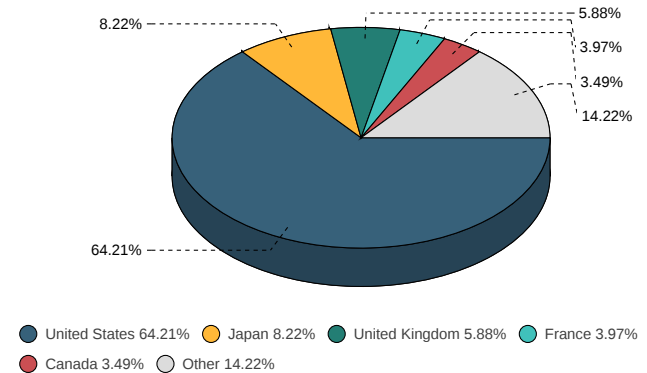
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX METHODOLOGY

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#) —a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

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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