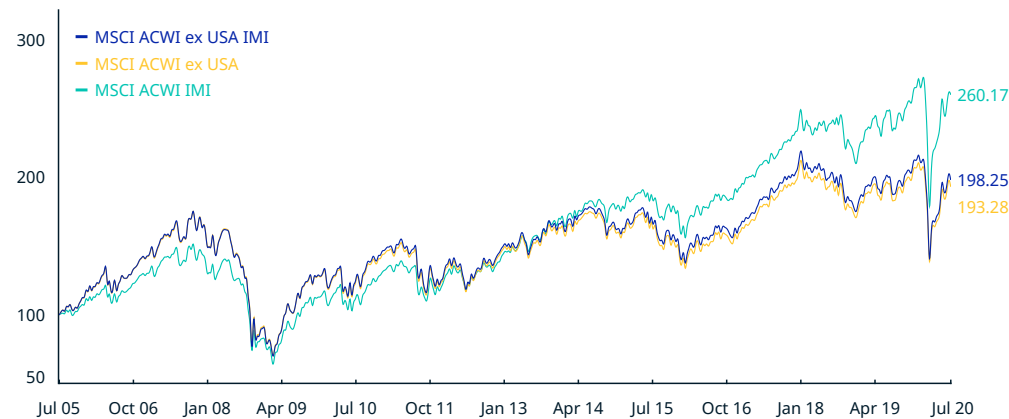


MSCI ACWI ex USA IMI Index (USD)

The MSCI ACWI ex USA Investable Market Index (IMI) captures large, mid and small cap representation across 22 of 23 Developed Markets (DM) countries (excluding the United States) and 26 Emerging Markets (EM) countries*. With 6,434 constituents, the index covers approximately 99% of the global equity opportunity set outside the US.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (JUL 2005 – JUL 2020)



ANNUAL PERFORMANCE (%)

Year	MSCI ACWI ex USA IMI	MSCI ACWI ex USA	MSCI ACWI IMI
2019	21.63	21.51	26.35
2018	-14.76	-14.20	-10.08
2017	27.81	27.19	23.95
2016	4.41	4.50	8.36
2015	-4.60	-5.66	-2.19
2014	-3.89	-3.87	3.84
2013	15.82	15.29	23.55
2012	17.04	16.83	16.38
2011	-14.31	-13.71	-7.89
2010	12.73	11.15	14.35
2009	43.60	41.45	36.41
2008	-45.99	-45.53	-42.34
2007	16.13	16.65	11.16
2006	26.51	26.65	20.95

INDEX PERFORMANCE – NET RETURNS (%) (JUL 31, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI ACWI ex USA IMI	4.53	13.04	0.72	-7.22	1.24	3.31	4.68	4.79	
MSCI ACWI ex USA	4.46	12.75	0.66	-7.03	1.39	3.22	4.52	4.41	
MSCI ACWI IMI	5.20	13.55	6.11	-2.23	6.38	7.07	8.80	5.71	

FUNDAMENTALS (JUL 31, 2020)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.65	16.39	16.46	1.53
2.69	16.23	16.31	1.59
2.09	21.31	20.00	2.28

INDEX RISK AND RETURN CHARACTERISTICS (JUL 31, 2020)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since May 31, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI ex USA IMI	4.14	16.34	15.13	15.12	0.05	0.21	0.33	0.26	61.03	2007-10-31–2009-03-09
MSCI ACWI ex USA	4.99	16.01	14.96	15.02	0.06	0.20	0.32	0.24	60.83	2007-10-31–2009-03-09
MSCI ACWI IMI	3.14	16.89	14.96	14.14	0.35	0.45	0.62	0.34	34.52	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly net returns data

³ 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 and the UK. EM countries include: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI ACWI ex USA IMI Index was launched on Jun 05, 2007. 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

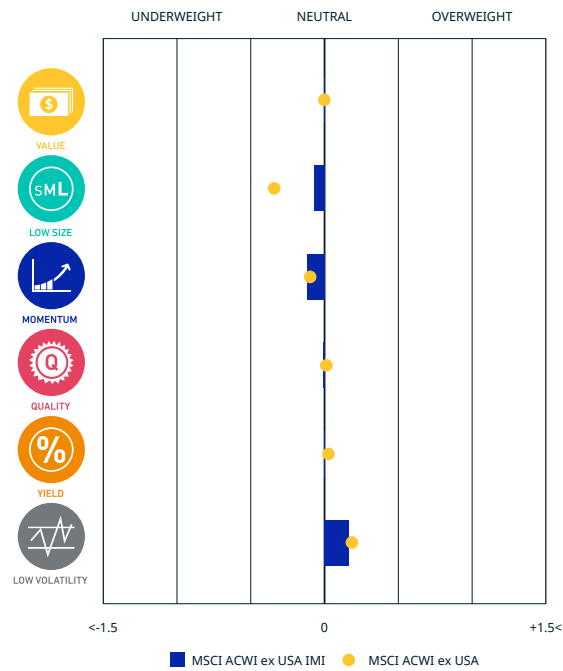
MSCI ACWI ex USA IMI	
Number of Constituents	6,434
Mkt Cap (USD Millions)	
Index	24,181,206.73
Largest	471,572.86
Smallest	23.26
Average	3,758.35
Median	761.27

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
ALIBABA GROUP HLDG ADR	CN	471.57	1.95	Cons Discr
TENCENT HOLDINGS LI (CN)	CN	394.93	1.63	Comm Svcs
TAIWAN SEMICONDUCTOR MFG	TW	357.80	1.48	Info Tech
NESTLE	CH	353.64	1.46	Cons Staples
ROCHE HOLDING GENUSS	CH	244.12	1.01	Health Care
SAMSUNG ELECTRONICS CO	KR	232.10	0.96	Info Tech
NOVARTIS	CH	178.22	0.74	Health Care
SAP	DE	165.19	0.68	Info Tech
ASML HLDG	NL	150.85	0.62	Info Tech
ASTRAZENECA	GB	146.91	0.61	Health Care
Total		2,695.34	11.15	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



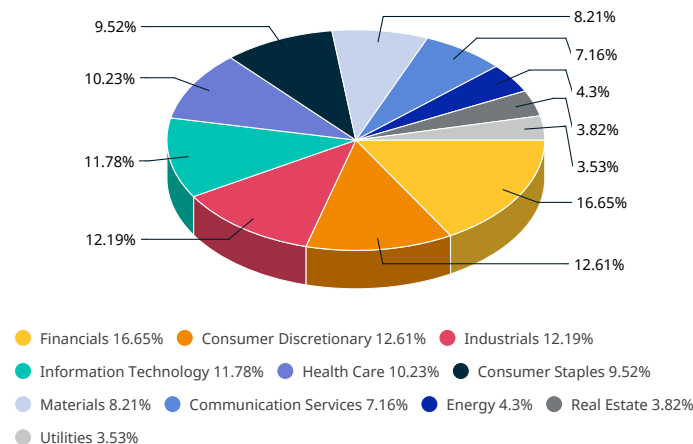
MSCI FaCS

- 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

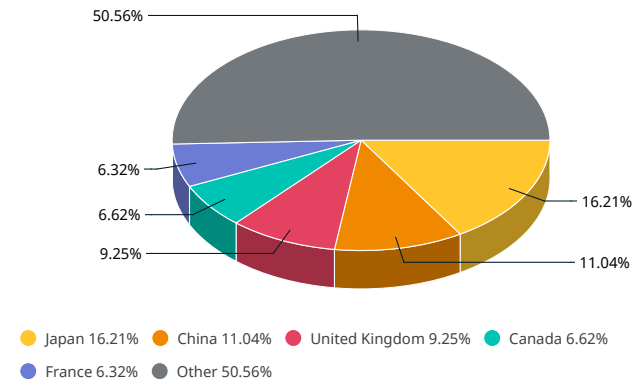
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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, mid and small 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

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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