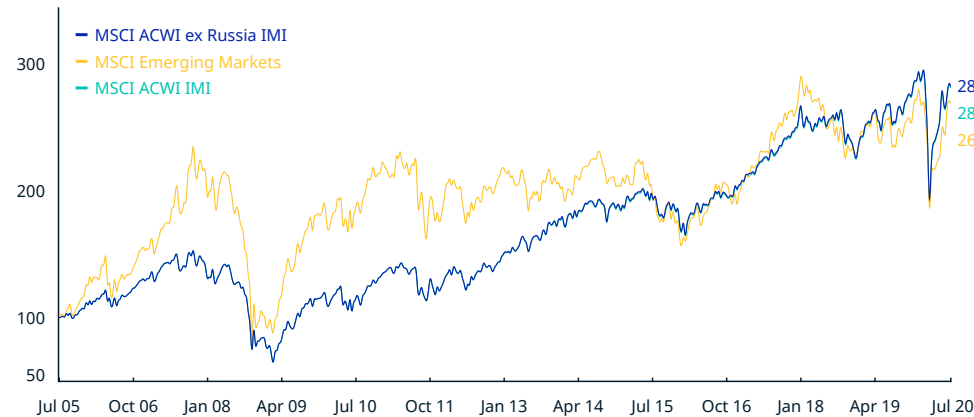


MSCI ACWI ex Russia IMI Index (USD)

The MSCI ACWI ex Russia Investable Market Index (IMI) captures large, mid and small cap representation across 23 Developed Markets (DM) and 25 Emerging Markets (EM) countries*. With 8,737 constituents, the index is comprehensive, covering approximately 99% of the global equity investment opportunity set.

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



ANNUAL PERFORMANCE (%)

Year	MSCI ACWI ex Russia IMI	MSCI Emerging Markets	MSCI ACWI IMI
2019	26.94	18.88	27.04
2018	-9.64	-14.24	-9.61
2017	24.66	37.75	24.58
2016	8.82	11.60	8.96
2015	-1.70	-14.60	-1.68
2014	4.65	-1.82	4.36
2013	24.34	-2.27	24.17
2012	17.06	18.63	17.04
2011	-7.32	-18.17	-7.43
2010	14.83	19.20	14.87
2009	36.83	79.02	37.18
2008	-41.67	-53.18	-42.01
2007	11.56	39.82	11.66
2006	21.36	32.55	21.49

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1996	FUNDAMENTALS (JUL 31, 2020)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI ACWI ex Russia IMI	5.24	13.72	6.72	-1.83	6.91	7.62	9.41	6.83	2.07	21.42	20.09	2.29	
MSCI Emerging Markets	9.03	18.02	6.92	-1.52	3.22	6.54	3.69	5.97	2.36	17.39	14.94	1.76	
MSCI ACWI IMI	5.23	13.70	6.65	-1.92	6.93	7.63	9.37	6.82	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, 1996	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI ex Russia IMI	3.14	16.87	14.95	14.10	0.38	0.48	0.66	0.34	34.44	2020-02-12–2020-03-23
MSCI Emerging Markets	10.60	18.92	17.96	17.91	0.17	0.37	0.25	0.26	65.14	2007-10-29–2008-10-27
MSCI ACWI IMI	3.14	16.88	14.96	14.13	0.38	0.48	0.65	0.34	34.47	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly gross 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, the UK and the US. EM countries include: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI ACWI ex Russia IMI Index was launched on Oct 09, 2015. 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

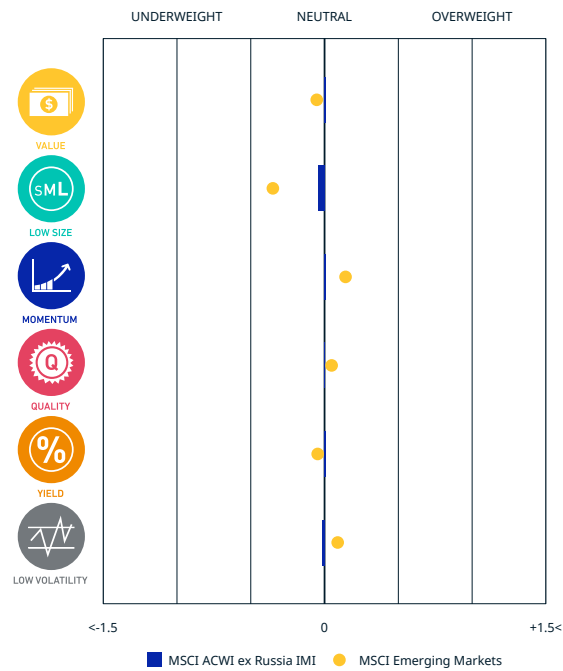
MSCI ACWI ex Russia IMI	
Number of Constituents	8,737
Mkt Cap (USD Millions)	
Index	56,249,501.50
Largest	1,859,754.02
Smallest	23.26
Average	6,438.08
Median	1,003.50

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	US	1,859.75	3.31	Info Tech
MICROSOFT CORP	US	1,481.35	2.63	Info Tech
AMAZON.COM	US	1,339.10	2.38	Cons Discr
FACEBOOK A	US	610.27	1.08	Comm Svcs
ALIBABA GROUP HLDG ADR	CN	471.57	0.84	Cons Discr
ALPHABET C	US	455.09	0.81	Comm Svcs
ALPHABET A	US	446.23	0.79	Comm Svcs
TENCENT HOLDINGS LI (CN)	CN	394.93	0.70	Comm Svcs
JOHNSON & JOHNSON	US	384.04	0.68	Health Care
TAIWAN SEMICONDUCTOR MFG	TW	357.80	0.64	Info Tech
Total		7,800.13	13.87	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



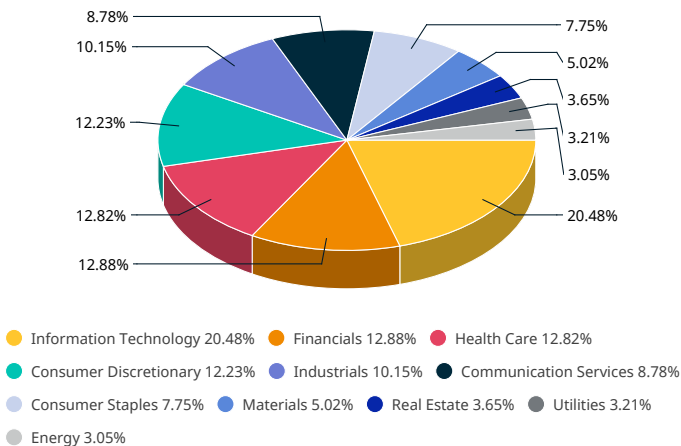
MSCI FaCS

- 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

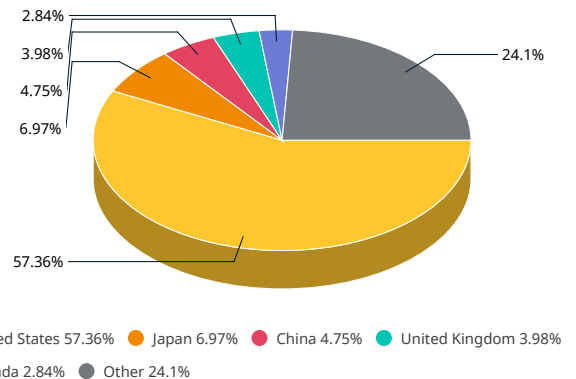
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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