

MSCI Emerging Markets Growth Index (USD)

The MSCI Emerging Markets Growth Index captures large and mid cap securities exhibiting overall growth style characteristics across 27 Emerging Markets (EM) countries*. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (MAY 2006 – MAY 2021)



ANNUAL PERFORMANCE (%)

Year	EM (Emerging Markets) Growth	MSCI Emerging Markets
2020	31.33	18.31
2019	25.10	18.42
2018	-18.26	-14.57
2017	46.80	37.28
2016	7.59	11.19
2015	-11.34	-14.92
2014	-0.35	-2.19
2013	-0.18	-2.60
2012	20.56	18.22
2011	-18.97	-18.42
2010	19.33	18.88
2009	77.93	78.51
2008	-56.31	-53.33
2007	36.68	39.42

INDEX PERFORMANCE – NET RETURNS (%) (MAY 31, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
EM (Emerging Markets) Growth	0.80	-0.04	51.84	4.11	12.88	16.78	6.36	9.75	
MSCI Emerging Markets	2.32	3.28	51.00	7.26	9.65	13.88	4.10	9.75	

FUNDAMENTALS (MAY 31, 2021)

Div Yld (%)	P/E	P/E Fwd	P/BV
0.99	31.16	21.53	4.19
1.82	19.28	14.24	2.11

INDEX RISK AND RETURN CHARACTERISTICS (DEC 29, 2000 – MAY 31, 2021)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 29, 2000	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
EM (Emerging Markets) Growth	1.00	3.13	34.75	19.72	16.90	17.66	0.64	0.93	0.40	0.47	67.42	2007-10-31–2008-10-27
MSCI Emerging Markets	1.00	0.00	8.45	19.02	16.28	17.67	0.50	0.80	0.27	0.47	65.25	2007-10-29–2008-10-27

¹ Last 12 months

² Based on monthly net returns data

³ Based on ICE LIBOR 1M

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

The MSCI Emerging Markets Growth Index was launched on Jan 01, 2001. 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

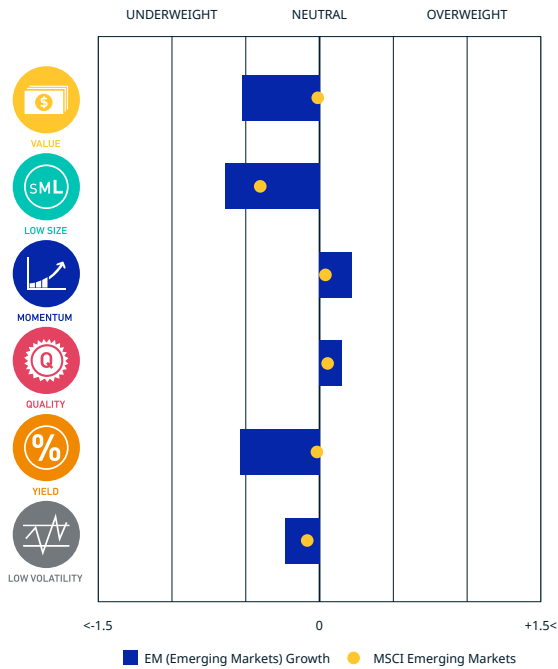
	EM (Emerging Markets) Growth	MSCI Emerging Markets
Number of Constituents	639	1,424
	Weight (%)	
Largest	12.20	6.19
Smallest	0.00	0.00
Average	0.16	0.07
Median	0.05	0.03

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TAIWAN SEMICONDUCTOR MFG	TW	12.20	6.19	Info Tech
TENCENT HOLDINGS LI (CN)	CN	10.52	5.33	Comm Svcs
ALIBABA GRP HLDG (HK)	CN	4.72	4.78	Cons Discr
SAMSUNG ELECTRONICS CO	KR	3.96	4.02	Info Tech
MEITUAN B	CN	3.13	1.59	Cons Discr
NASPERS N	ZA	2.22	1.12	Cons Discr
RELIANCE INDUSTRIES	IN	1.94	0.99	Energy
JD.COM ADR	CN	1.46	0.74	Cons Discr
SK HYNIX	KR	1.43	0.72	Info Tech
PINDUODUO ADR A	CN	1.25	0.64	Cons Discr
Total		42.84	26.12	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



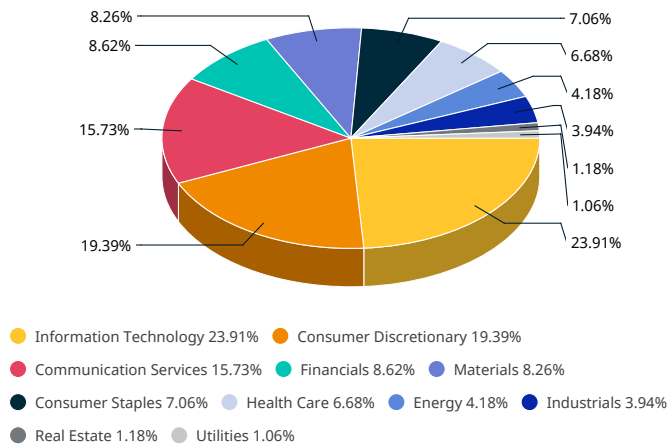
MSCI FaCS

- 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

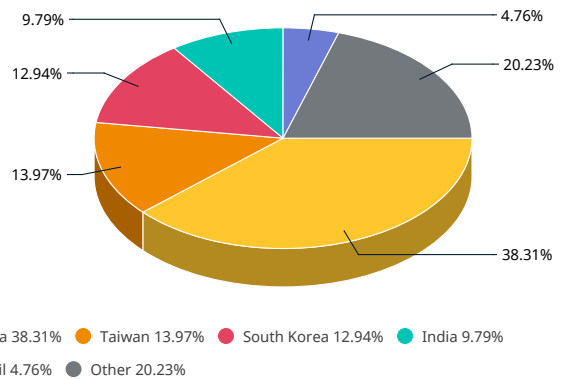
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

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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