MSCI EM 50 Index (USD)

The **MSCI EM 50 Index** is a tradable version of the market-leading MSCI Emerging Markets Index. The index is highly correlated to the broad MSCI Emerging Markets Index, but is composed of just 50 of its largest constituents. The index applies eligibility criteria to exclude some of the smallest Emerging Markets (EM) countries* and uses depositary receipts for certain markets that are less accessible to foreign investors.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (USD) (APR 2010 – APR 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI EM 50 Index				
2024	16.34	5.05	15.73		
2023	7.94	7.04	20.09		
2022	-29.66	-22.37	-19.80		
2021	-12.75	-4.59	16.80		
2020	27.32	15.84	14.33		
2019	24.78	15.42	24.05		
2018	-18.53	-16.63	-11.18		
2017	43.79	34.35	21.62		
2016	13.09	8.58	5.63		
2015	-16.46	-16.96	-4.26		
2014	-4.39	-4.63	2.10		
2013	-1.50	-4.98	20.25		
2012	12.73	15.15	13.43		
2011	-17.78	-20.41	-9.41		

INDEX PERFORMANCE – PRICE RETURNS (%) (APR 30, 2025)

FUNDAMENTALS (APR 30, 2025)

					ANNUALIZED							
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr _N	Since 1ay 30, 2008	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI EM 50 Index	-1.49	-0.33	13.44	2.32	3.62	2.89	2.12	0.15	2.44	13.40	11.22	1.97
MSCI Emerging Markets	1.04	1.78	6.40	3.47	1.12	3.77	0.60	-0.49	2.71	14.46	11.86	1.80
MSCI ACWI	0.77	-4.09	10.17	-0.93	8.44	11.25	6.69	4.62	1.95	20.24	17.16	3.06

INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2025)

		ANNUA	LIZED STD D	EV (%) 2		SHARPE I	RATIO 2,3		MAXIMUM DRAWDOWN			
	Turnover (%) ¹	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 30, 2008	(%)	Period YYYY-MM-DD		
MSCI EM 50 Index	5.37	23.45	21.57	20.23	0.08	0.11	0.11	0.06	65.00	2008-06-02-2008-10-27		
MSCI Emerging Markets	5.74	17.18	16.18	16.90	-0.11	0.14	0.00	0.01	62.45	2008-05-30-2008-10-27		
MSCI ACWI	2.60	15.47	15.24	14.84	0.32	0.60	0.38	0.28	55.46	2008-05-30-2009-03-09		
	¹ Last 12 months	² Based on monthly price returns data			³ B	³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that d				n ICE LIBOR 1M prior that date		

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

The MSCI EM 50 Index was launched on Oct 05, 2011. Data prior to the launch date is back-tested test (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.



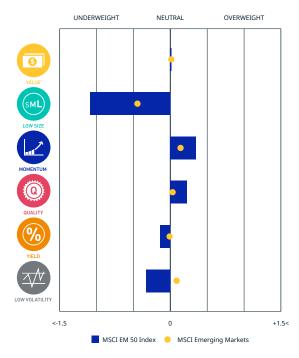
APR 30, 2025

INDEX CHARACTERISTICS

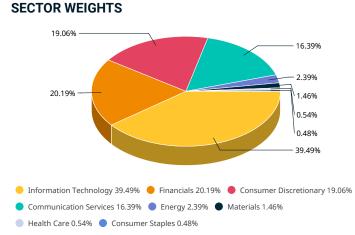
TOP 10 CONSTITUENTS

MSCI EM 50 Index			Country	Float Adj Mkt	Index	Sector
Number of	50			Cap (USD Billions)	Wt. (%)	
Constituents		TAIWAN SEMICONDUCTOR MFG	TW	699.42	21.10	Info Tech
	Mkt Cap (USD Millions)	TENCENT HOLDINGS LI (CN)	CN	397.38	11.99	Comm Srvcs
Index	3,314,108.48	ALIBABA GRP HLDG (HK)	CN	245.09	7.40	Cons Discr
Largest	699,420.81	SAMSUNG ELECTRONICS CO	KR	186.46	5.63	Info Tech
Smallest	14,019.20	HDFC BANK ADR	IN	137.14	4.14	Financials
Average	66,282.17	XIAOMI CORP B	CN	106.08	3.20	Info Tech
Median	33,720.77	ICICI BANK ADR	IN	88.36	2.67	Financials
		MEITUAN B	CN	82.67	2.49	Cons Discr
		CHINA CONSTRUCTION BK H	CN	79.12	2.39	Financials
		PDD HOLDINGS A ADR	CN	73.31	2.21	Cons Discr
		Total		2,095.03	63.22	

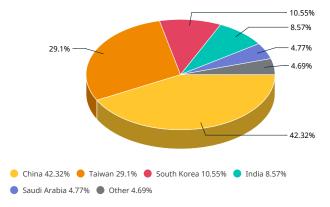
FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX







COUNTRY WEIGHTS



MSCI 🌐

MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)

MSCI FaCS is a standard method 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 <u>www.msci.com</u>.

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