

# MSCI Emerging Markets Information Technology Index (USD)

The **MSCI Emerging Markets Information Technology Index** is designed to capture the large and mid-cap segments across 24 Emerging Markets (EM) countries\*. All securities in the index are classified in the Information Technology sector according to the Global Industry Classification Standard (GICS®).

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (APR 2009 – APR 2024)



## ANNUAL PERFORMANCE (%)

Year	EM/INFORMATION TECH	MSCI Emerging Markets
2023	33.01	10.27
2022	-33.02	-19.74
2021	10.40	-2.22
2020	60.90	18.69
2019	42.55	18.88
2018	-18.98	-14.24
2017	61.03	37.75
2016	17.25	11.60
2015	-6.48	-14.60
2014	10.28	-1.82
2013	14.30	-2.27
2012	29.04	18.63
2011	-14.99	-18.17
2010	16.88	19.20

## INDEX PERFORMANCE – GROSS RETURNS (%) (APR 30, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 30, 1994
					3 Yr	5 Yr	10 Yr	Since Dec 30, 1994	
<b>EM/INFORMATION TECH</b>	-3.89	10.27	29.08	5.68	-1.50	15.32	13.61	10.15	
<b>MSCI Emerging Markets</b>	0.47	7.92	10.33	2.92	-5.31	2.28	3.34	5.29	

## FUNDAMENTALS (APR 30, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.09	29.53	16.77	2.76
2.78	15.84	12.16	1.72

## INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2024)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Dec 30, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
<b>EM/INFORMATION TECH</b>	3.98	25.00	26.12	22.00	-0.05	0.60	0.62	0.39	73.55	2000-03-31–2001-10-03
<b>MSCI Emerging Markets</b>	6.15	17.69	19.04	17.19	-0.38	0.10	0.19	0.23	65.14	2007-10-29–2008-10-27

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

<sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on 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, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Emerging Markets Information Technology Index was launched on Sep 15, 1999. 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.

**INDEX CHARACTERISTICS**

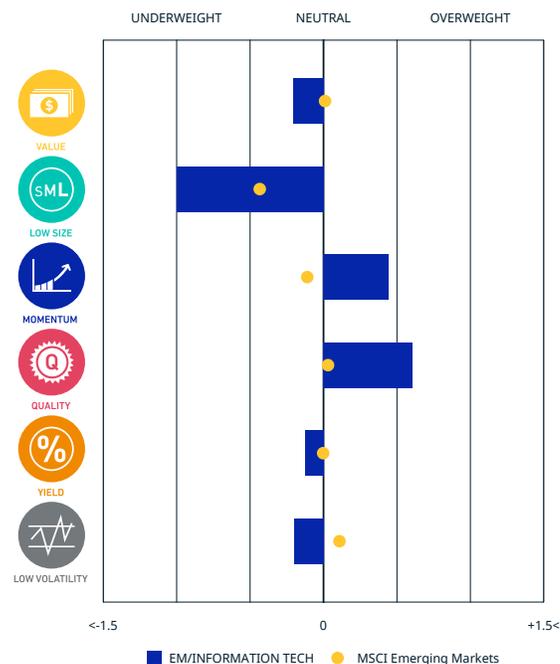
EM/INFORMATION TECH	
<b>Number of Constituents</b>	184
<b>Mkt Cap (USD Millions)</b>	
<b>Index</b>	1,641,493.70
<b>Largest</b>	597,691.15
<b>Smallest</b>	122.22
<b>Average</b>	8,921.16
<b>Median</b>	836.16

**TOP 10 CONSTITUENTS**

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
TAIWAN SEMICONDUCTOR MFG	TW	597.69	36.41
SAMSUNG ELECTRONICS CO	KR	267.80	16.31
SK HYNIX	KR	68.82	4.19
HON HAI PRECISION IND CO	TW	59.77	3.64
INFOSYS	IN	56.53	3.44
MEDIATEK INC	TW	46.30	2.82
TATA CONSULTANCY	IN	41.42	2.52
SAMSUNG ELECTRONICS PREF	KR	38.82	2.36
XIAOMI CORP B	CN	34.06	2.07
QUANTA COMPUTER	TW	21.59	1.32
<b>Total</b>		<b>1,232.80</b>	<b>75.10</b>

**FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN**

**MSCI FACTOR BOX**



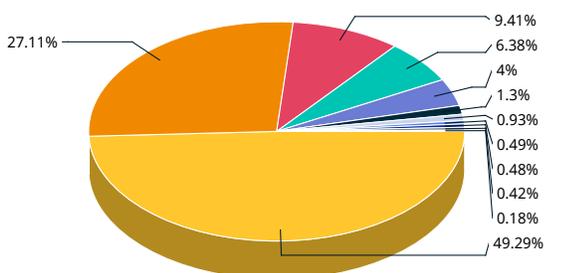
**MSCI FaCS**

- 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.

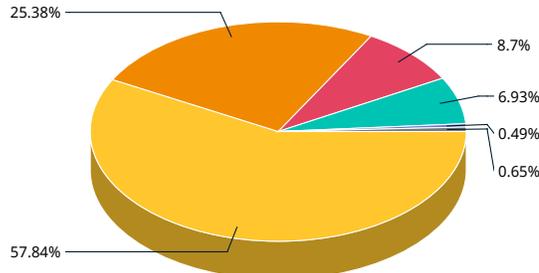
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

**SUB-INDUSTRY WEIGHTS**



- Semiconductors 49.29%
- Technology Hardware, Storage & Peripherals 27.11%
- IT Consulting & Other Services 9.41%
- Electronic Components 6.38%
- Electronic Manufacturing Services 4%
- Semiconductor Materials & Equipment 1.3%
- Communications Equipment 0.93%
- Application Software 0.49%
- Technology Distributors 0.48%
- Systems Software 0.42%
- Electronic Equipment & Instruments 0.18%

**COUNTRY WEIGHTS**



- Taiwan 57.84%
- South Korea 25.38%
- India 8.7%
- China 6.93%
- Saudi Arabia 0.49%
- Other 0.65%

**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**

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