MSCI MPF EM ex HK Unhedged Index (HKD)

The **MSCI MPF EM (Emerging Markets) ex HK Unhedged Index** is designed to comply with the Hong Kong MPF Investment Guidelines and to measure the performance of the eligible large and mid cap securities across Emerging Markets Countries* (excluding China securities traded on the Hong Kong Stock Exchange), that are relevant for Hong Kong MPF investors. The index, with 521 constituents, applies screens to exclude securities that are not included in the list of approved stock exchanges by the MPFA and apply a 10% issuer capping to address the concentration limit.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (HKD) (APR 2010 – APR 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI MPF EM ex HK Unhedged	MSCI Emerging Markets	MSCI ACWI			
2024	0.93	7.49	17.40			
2023	22.44	10.32	22.86			
2022	-15.60	-19.65	-17.87			
2021	9.64	-1.69	19.69			
2020	17.22	18.11	16.25			
2019	16.79	18.31	26.69			
2018	-12.29	-14.10	-8.79			
2017	34.99	38.89	25.66			
2016	14.53	11.65	8.53			
2015	-16.58	-14.65	-1.90			
2014	-2.45	-1.80	4.72			
2013	-1.39	-2.23	23.49			
2012	16.45	18.39	16.56			
2011	-18.58	-18.25	-6.95			

INDEX PERFORMANCE - GROSS RETURNS (%) (APR 30, 2025)

FUNDAMENTALS (APR 30, 2025)

					ANNUALIZED								
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr _N	Since ov 30, 2000	Div Yld (%)	P/E	P/E Fwd	P/BV	
MSCI MPF EM ex HK Unhedged	4.12	1.28	2.13	3.19	4.91	12.28	5.65	8.77	2.78	15.40	12.40	1.89	-
MSCI Emerging Markets	1.01	2.05	8.66	4.21	3.92	6.79	3.48	8.04	2.71	14.46	11.86	1.80	
MSCI ACWI	0.65	-3.97	11.38	-0.42	10.37	13.60	9.18	6.97	1.95	20.24	17.16	3.06	

INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2025)

	_	AI	NNUALIZED STD DEV (%) 2	MAXIMUM DRAWDOWN		
	Turnover (%) ¹	3 Yr	5 Yr	10 Yr	(%)	Period YYYY-MM-DD	
MSCI MPF EM ex HK Unhedged	10.33	17.36	17.22	17.95	62.91	2007-10-31-2008-11-20	
MSCI Emerging Markets	5.74	16.92	15.99	16.81	65.14	2007-10-29-2008-10-27	
MSCI ACWI	2.60	15.39	15.16	14.76	58.03	2007-10-31-2009-03-09	
	¹ Last 12 months		² Based on monthly gro	oss returns data			

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

The MSCI MPF EM ex HK Unhedged Index was launched on Sep 30, 2013. 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.



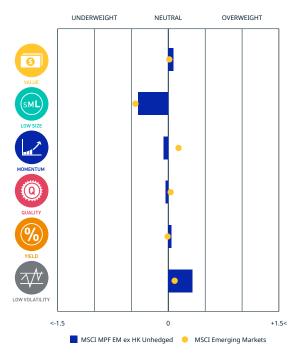
APR 30, 2025

INDEX CHARACTERISTICS

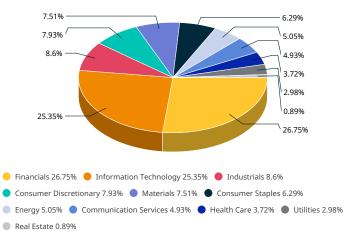
TOP 10 CONSTITUENTS

	MSCI MPF EM ex HK Unhedged		Country	Float Adj Mkt	Index	Sector
Number of	521			Cap (HKD Billions)	Wt. (%)	
Constituents		TAIWAN SEMICONDUCTOR MFG	TW	2.899.65	7.57	Info Tech
	Mkt Cap (HKD Millions)	SAMSUNG ELECTRONICS CO	KR	1.555.31	4.06	Info Tech
Index	38,328,659.70	HDFC BANK	IN	1.155.46	3.01	Financials
Largest	2,899,648.99	RELIANCE INDUSTRIES	IN	860.41	2.24	Energy
Smallest	8,018.23	ICICI BANK	IN	755.67	1.97	Financials
Average	73,567.49	SK HYNIX	KR	579.24	1.51	Info Tech
Median	37,953.80	MEDIATEK INC	TW	545.67	1.42	Info Tech
		INFOSYS	IN	501.12	1.31	Info Tech
		BHARTI AIRTEL	IN	480.63	1.25	Comm Srvcs
		HON HAI PRECISION IND CO	TW	469.92	1.23	Info Tech
		Total		9,803.08	25.58	

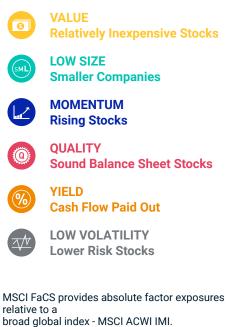
FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



SECTOR WEIGHTS

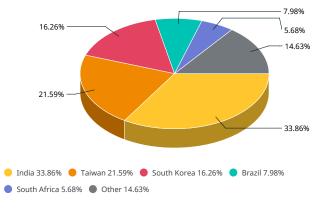


MSCI FaCS



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

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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