

MSCI China A Index (USD)

The MSCI China A Index captures large and mid-cap representation across China securities listed on the Shanghai and Shenzhen exchanges. The index covers only those securities that are accessible through "Stock Connect". The index is designed for international investors and is calculated using China A Stock Connect listings based on the offshore RMB exchange rate (CNH).

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2008 – OCT 2020)



ANNUAL PERFORMANCE (%)

Year	MSCI China A	MSCI China	MSCI Emerging Markets
2019	36.11	23.46	18.42
2018	-30.32	-18.88	-14.57
2017	29.84	54.07	37.28
2016	-15.45	0.90	11.19
2015	3.31	-7.82	-14.92
2014	48.35	7.96	-2.19
2013	-3.63	3.64	-2.60
2012	11.37	22.75	18.22
2011	-17.30	-18.41	-18.42
2010	-12.25	4.63	18.88
2009	82.24	62.29	78.51

INDEX PERFORMANCE – NET RETURNS (%) (OCT 30, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 25, 2008	FUNDAMENTALS (OCT 30, 2020)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI China A	3.28	3.54	33.97	25.11	6.11	5.81	5.20	8.84	1.67	20.09	15.68	2.28	
MSCI China	5.29	8.22	35.19	22.61	8.32	12.73	6.69	12.28	1.59	18.86	15.10	2.09	
MSCI Emerging Markets	2.06	2.64	8.25	0.87	1.94	7.92	2.42	9.44	2.30	18.71	14.16	1.76	

INDEX RISK AND RETURN CHARACTERISTICS (OCT 30, 2020)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 25, 2008	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI China A	12.98	22.05	21.76	23.79	0.30	0.31	0.30	0.43	50.36	2015-06-08–2016-01-28
MSCI China	13.10	21.08	19.54	20.53	0.40	0.65	0.38	0.59	42.26	2015-04-27–2016-02-12
MSCI Emerging Markets	9.28	18.87	17.13	17.58	0.11	0.45	0.18	0.50	37.23	2018-01-26–2020-03-23

¹ Last 12 months

² Based on monthly net returns data

³ Based on ICE LIBOR 1M

China A shares are quoted in local currency (Renminbi).

The MSCI China A Index was launched on Mar 01, 2018. 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

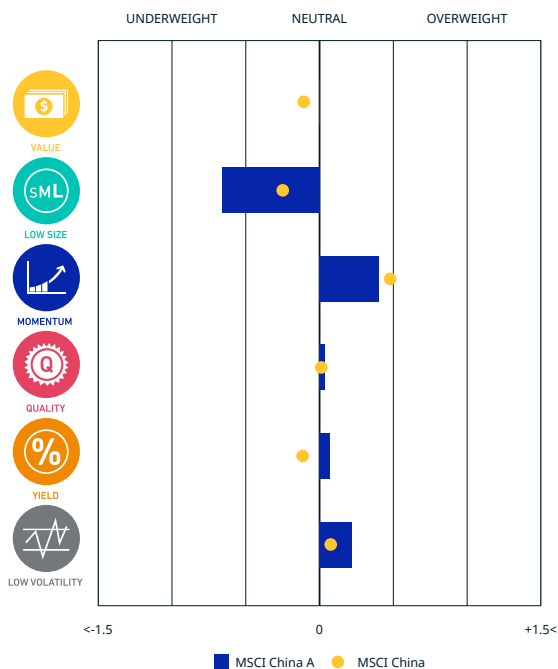
MSCI China A	
Number of Constituents	475
Mkt Cap (USD Millions)	
Index	1,623,282.49
Largest	93,987.33
Smallest	537.55
Average	3,417.44
Median	1,790.63

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
KWEICHOW MOUTAI A (HK-C)	93.99	5.79	Cons Staples
WULIANGYE YIBIN A (HK-C)	42.49	2.62	Cons Staples
PING AN INS A (HK-C)	37.77	2.33	Financials
CHINA MERCH BK A (HK-C)	36.79	2.27	Financials
CONTEMPORARY AMP A(HK-C)	25.80	1.59	Industrials
JIANGSU HENGRUI A (HK-C)	21.12	1.30	Health Care
FOSHAN HAITIAN A (HK-C)	19.38	1.19	Cons Staples
HANGZHOU HIKVIS A (HK-C)	18.80	1.16	Info Tech
CHINA YANGTZE A (HK-C)	18.69	1.15	Utilities
SHENZHEN MINDRAY A(HK-C)	17.56	1.08	Health Care
Total	332.39	20.48	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



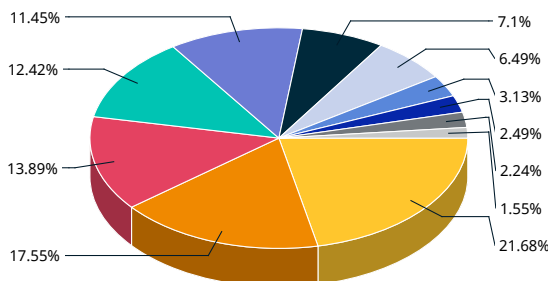
MSCI FaCS

- 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



- Financials 21.68%
- Consumer Staples 17.55%
- Information Technology 13.89%
- Industrials 12.42%
- Health Care 11.45%
- Materials 7.1%
- Consumer Discretionary 6.49%
- Real Estate 3.13%
- Communication Services 2.49%
- Utilities 2.24%
- Energy 1.55%

INDEX METHODOLOGY

The MSCI China A Index is derived from the MSCI China A International Index but only includes securities that are accessible through "Stock Connect". The index is designed for international investors and is calculated using China A Stock Connect listings based on the offshore RMB exchange rate (CNH). Also, the index constituents are weighted by the security free-float adjusted market capitalization calculated based on the Foreign Inclusion Factor (FIF) and subject to Foreign Ownership Limits (FOLs). The MSCI China A Index is rebalanced simultaneously with the MSCI Global Investable Market Indexes, using the same price and data cut-off dates.

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

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