

MSCI GOLDEN DRAGON INDEX (USD)

The MSCI Golden Dragon Index captures the equity market performance of large and mid-cap China securities (H shares, B shares, Red-Chips and P-Chips) as well as securities classified in Hong Kong and Taiwan. Currently, the index also includes A stock connect large cap shares.

CUMULATIVE INDEX PERFORMANCE - NET RETURNS (USD) (NOV 2003 – NOV 2018)



ANNUAL PERFORMANCE (%)

Year	MSCI Golden Dragon	MSCI China A Onshore	MSCI Emerging Markets
2017	43.79	20.28	37.28
2016	5.40	-19.11	11.19
2015	-7.43	7.08	-14.92
2014	7.72	46.53	-2.19
2013	6.89	0.75	-2.60
2012	22.19	9.48	18.22
2011	-18.67	-22.91	-18.42
2010	13.24	-4.37	18.88
2009	66.66	96.70	78.51
2008	-49.54	-61.81	-53.33
2007	37.63	175.52	39.42
2006	39.06	135.27	32.14
2005	9.86	-4.73	34.00
2004	13.98	-16.18	25.55

INDEX PERFORMANCE — NET RETURNS (%) (NOV 30, 2018)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 29, 2000
MSCI Golden Dragon	5.48	-7.38	-9.64	-11.33	10.09	5.76	11.16	7.15
MSCI China A Onshore	2.03	-6.59	-29.45	-30.46	-11.39	0.47	5.43	4.42
MSCI Emerging Markets	4.12	-5.45	-9.09	-12.24	9.41	1.90	9.13	8.85

FUNDAMENTALS (NOV 30, 2018)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.89	12.55	11.50	1.54
2.30	12.20	10.02	1.54
2.86	12.51	10.64	1.55

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2018)

	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
MSCI Golden Dragon	7.97	15.86	16.53	18.92	0.61	0.38	0.63	0.35	66.17	2007-10-29—2008-10-27
MSCI China A Onshore	9.99	21.90	26.12	26.68	-0.49	0.12	0.31	0.24	57.80	2015-06-12—2018-10-18
MSCI Emerging Markets	6.84	14.78	15.15	19.36	0.60	0.15	0.52	0.43	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

The China mainland market is comprised of A, B, H, Red chip and P chip share classes. A shares are incorporated in China and trade on the Shanghai and Shenzhen exchanges; they are quoted in local renminbi and entail foreign investment regulations (QFII). B shares are incorporated in China and trade on the Shanghai and Shenzhen exchanges; they are quoted in foreign currencies (Shanghai USD, Shenzhen HKD) and are open to foreign investors. H shares are incorporated in China and trade on the Hong Kong and other foreign exchanges. Red chips and P chips are incorporated outside of China and trade on the Hong Kong exchange. Red chips are usually controlled by the state or a province or municipality. P chips are run by private sector China businessmen.

The MSCI Golden Dragon Index was launched on May 31, 2000. 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

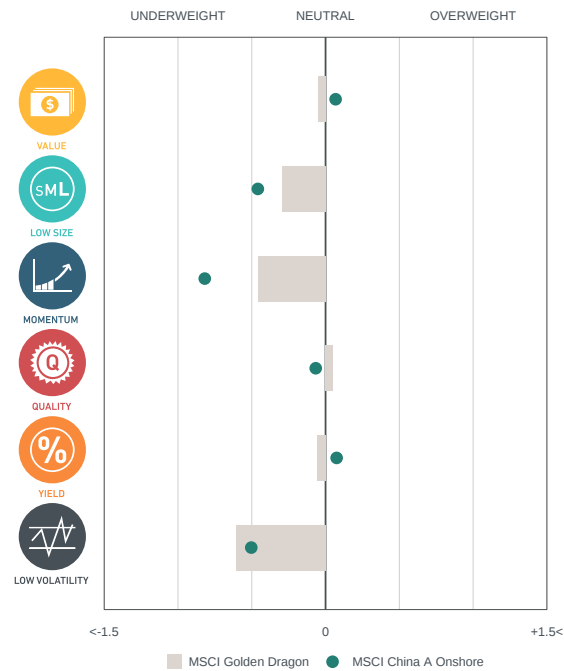
MSCI Golden Dragon	
Number of Constituents	597
Mkt Cap (USD Millions)	
Index	2,566,092.44
Largest	227,337.97
Smallest	25.27
Average	4,298.31
Median	1,179.87

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
TENCENT HOLDINGS LI (CN)	CN	227.34	8.86	Info Tech
ALIBABA GROUP HLDG ADR	CN	186.00	7.25	Info Tech
TAIWAN SEMICONDUCTOR MFG	TW	180.35	7.03	Info Tech
AIA GROUP	HK	98.53	3.84	Financials
CHINA CONSTRUCTION BK H	CN	81.96	3.19	Financials
CHINA MOBILE	CN	60.95	2.38	Telecom Srvc
BAIDU ADR	CN	52.10	2.03	Info Tech
PING AN INSURANCE H	CN	50.43	1.97	Financials
ICBC H	CN	49.33	1.92	Financials
BANK OF CHINA H	CN	34.72	1.35	Financials
Total		1,021.70	39.82	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



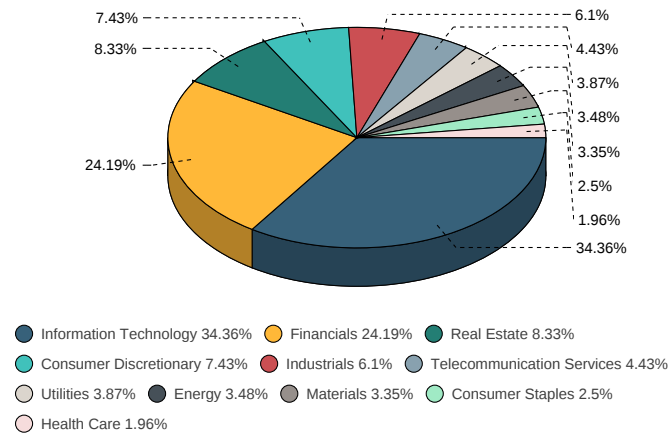
MSCI FaCS

- 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

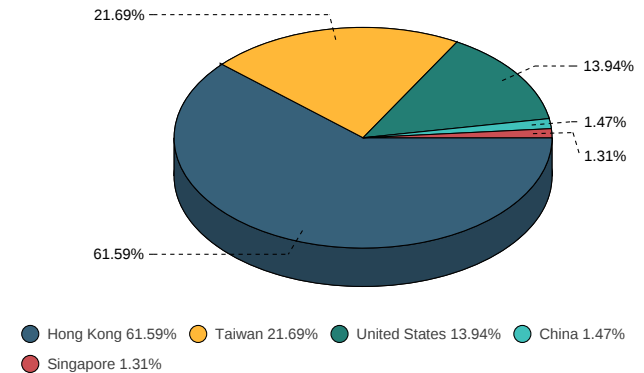
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY OF LISTING



INDEX METHODOLOGY

The **MSCI Composite China Indexes** are comprised of various combinations of domestic and non-domestic China share classes. They are constructed under 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

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