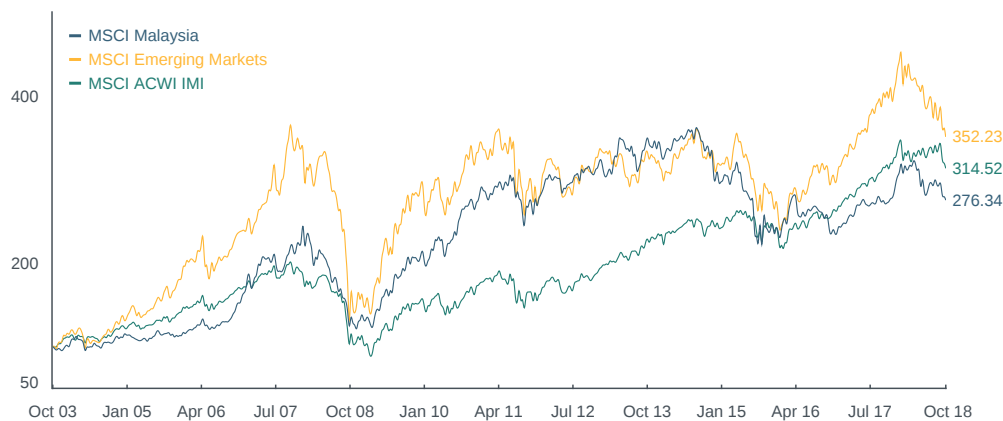


# MSCI MALAYSIA INDEX (USD)

The MSCI Malaysia Index is designed to measure the performance of the large and mid cap segments of the Malaysian market. With 47 constituents, the index covers about 85% of the Malaysian equity universe .

## CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (OCT 2003 – OCT 2018)



## ANNUAL PERFORMANCE (%)

Year	MSCI Malaysia	MSCI Emerging Markets	MSCI ACWI IMI
2017	25.05	37.75	24.58
2016	-3.89	11.60	8.96
2015	-20.06	-14.60	-1.68
2014	-10.66	-1.82	4.36
2013	7.68	-2.27	24.17
2012	14.27	18.63	17.04
2011	0.12	-18.17	-7.43
2010	37.01	19.20	14.87
2009	52.06	79.02	37.18
2008	-41.21	-53.18	-42.01
2007	46.07	39.82	11.66
2006	37.14	32.55	21.49
2005	2.29	34.54	12.06
2004	15.17	25.95	16.93

## INDEX PERFORMANCE — GROSS RETURNS (%) (OCT 31, 2018)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			Since May 31, 1994
					3 Yr	5 Yr	10 Yr	
MSCI Malaysia	-6.38	-7.20	0.99	-6.60	4.65	-4.39	8.03	2.81
MSCI Emerging Markets	-8.70	-11.58	-12.19	-15.45	6.92	1.15	8.20	5.36
MSCI ACWI IMI	-7.80	-6.73	-0.45	-4.00	8.35	6.67	10.65	7.12

## FUNDAMENTALS (OCT 31, 2018)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.97	16.10	15.31	1.70
2.94	12.32	10.20	1.52
2.53	17.59	14.00	2.13

## INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2018)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2, 3</sup>			Since May 31, 1994 (%)	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Malaysia	12.16	14.66	15.29	16.01	0.31	-0.26	0.53	0.25	87.28	1997-02-28—1998-09-30
MSCI Emerging Markets	6.84	14.91	15.08	19.52	0.45	0.10	0.47	0.40	65.14	2007-10-29—2008-10-27
MSCI ACWI IMI	2.38	9.89	10.34	14.80	0.75	0.61	0.72	0.35	58.28	2007-10-31—2009-03-09

<sup>1</sup> Last 12 months

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

<sup>3</sup> Based on ICE LIBOR 1M

The MSCI Malaysia Index was launched on Feb 29, 1988. 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

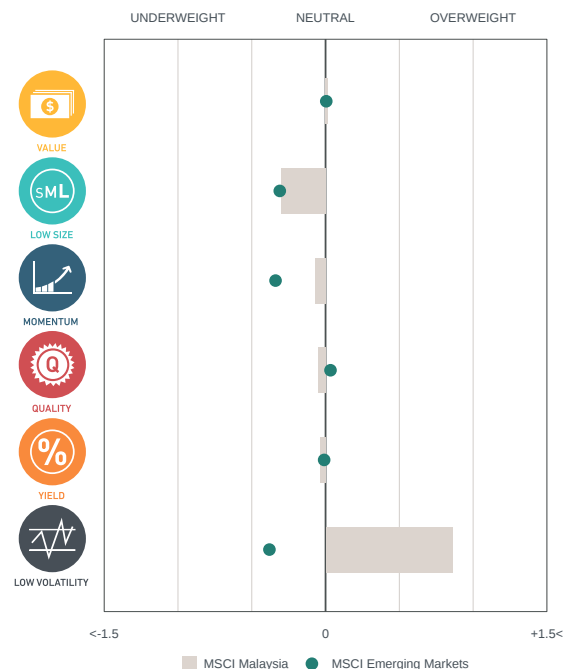
MSCI Malaysia	
Number of Constituents	47
Mkt Cap ( USD Millions)	
Index	117,642.50
Largest	17,116.85
Smallest	420.52
Average	2,503.03
Median	1,566.14

### TOP 10 CONSTITUENTS

	Float Adj Mkt Cap ( USD Billions)	Index Wt. (%)	Sector
PUBLIC BANK	17.12	14.55	Financials
TENAGA NASIONAL	10.97	9.33	Utilities
MALAYAN BANKING	8.69	7.38	Financials
CIMB GROUP HOLDINGS	6.40	5.44	Financials
PETRONAS CHEMICALS GROUP	5.36	4.56	Materials
GENTING	3.72	3.16	Cons Discr
HONG LEONG BANK	3.22	2.73	Financials
DIGI.COM	3.20	2.72	Telecom Srvc
GENTING MALAYSIA	3.19	2.71	Cons Discr
PETRONAS GAS	3.03	2.57	Utilities
<b>Total</b>	<b>64.89</b>	<b>55.16</b>	

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

#### MSCI FACTOR BOX



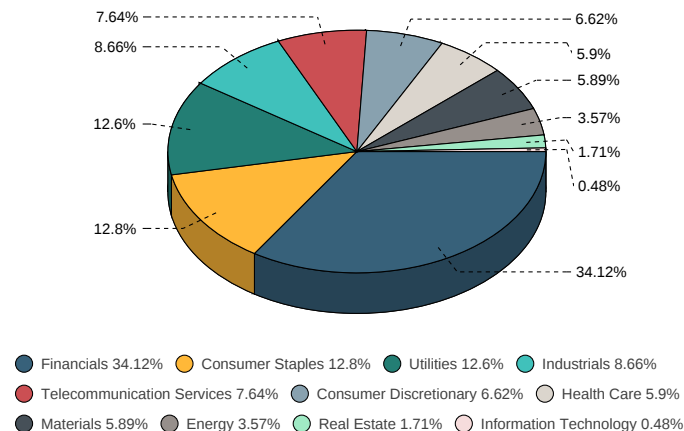
#### MSCI FaCS

- 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.

### SECTOR WEIGHTS



## INDEX METHODOLOGY

The index is based on the MSCI Global Investable 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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