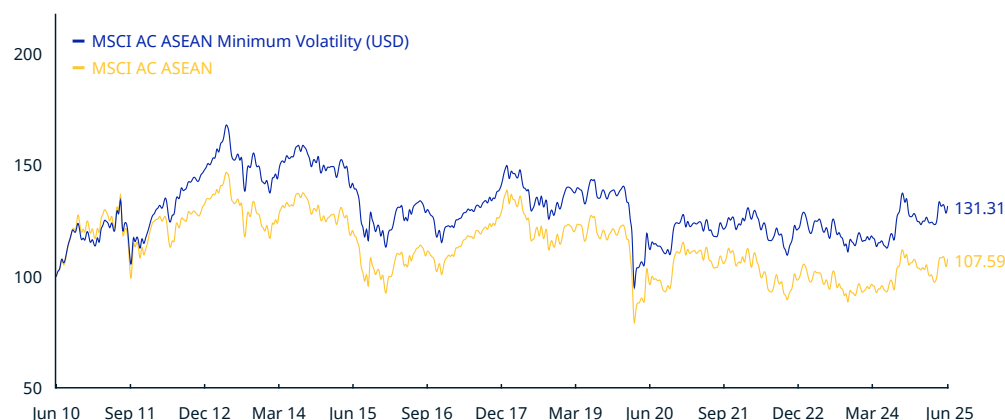


# MSCI AC ASEAN Minimum Volatility (USD) Index (USD)

The MSCI AC ASEAN Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to large and mid cap equities across 4 Emerging Markets countries and 1 Developed Market country\*. The index is calculated by optimizing the MSCI AC ASEAN Index, its parent index, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to the MSCI AC ASEAN Index.

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

## CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (USD) (JUN 2010 – JUN 2025)



## ANNUAL PERFORMANCE (%)

Year	MSCI AC ASEAN Minimum Volatility (USD)	MSCI AC ASEAN
2024	4.82	7.67
2023	-2.52	-3.13
2022	-1.86	-7.12
2021	0.89	-2.91
2020	-11.04	-9.34
2019	5.30	5.24
2018	-7.43	-11.31
2017	20.98	26.34
2016	-2.32	3.02
2015	-19.17	-20.84
2014	3.54	3.20
2013	-2.49	-7.50
2012	26.76	18.96
2011	-1.58	-9.09

## INDEX PERFORMANCE – PRICE RETURNS (%) (JUN 30, 2025)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since May 31, 2001
MSCI AC ASEAN Minimum Volatility (USD)	0.32	4.77	15.46	4.84	4.06	3.07	-0.62	6.01
MSCI AC ASEAN	-0.04	5.68	14.63	3.37	4.71	2.05	-0.99	4.87

## FUNDAMENTALS (JUN 30, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.51	13.30	12.57	1.49
4.08	14.36	13.38	1.73

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2001 – JUN 30, 2025)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since May 31, 2001	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI AC ASEAN Minimum Volatility (USD)	0.83	4.14	20.13	12.49	12.66	13.73	0.02	0.08	-0.12	0.34	52.84	2007-10-29–2009-03-09
MSCI AC ASEAN	1.00	0.00	4.57	13.54	14.65	15.93	0.07	0.02	-0.11	0.25	59.48	2007-10-29–2009-03-09

<sup>1</sup> Last 12 months

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

<sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

\* Emerging Markets countries include: Indonesia, Malaysia, the Philippines and Thailand and Developed Markets country include: Singapore.

The MSCI AC ASEAN Minimum Volatility (USD) Index was launched on Jan 27, 2015. 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

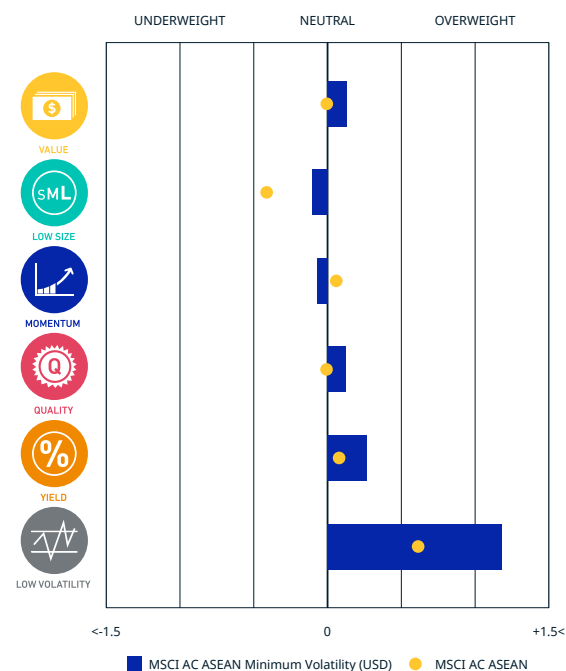
	MSCI AC ASEAN Minimum Volatility (USD)	MSCI AC ASEAN
<b>Number of Constituents</b>	73	96
<b>Weight (%)</b>		
<b>Largest</b>	3.23	11.25
<b>Smallest</b>	0.07	0.16
<b>Average</b>	1.37	1.04
<b>Median</b>	1.08	0.49

## TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
CAPITALAND INTEGRATED	3.23	1.49	Real Estate
SINGAPORE EXCHANGE	3.21	1.50	Financials
CAPITALAND INVESTMENT	3.19	0.73	Real Estate
CAPITALAND ASCENDAS REIT	3.17	1.18	Real Estate
SINGAPORE TECH ENGR	3.16	1.43	Industrials
KEPPEL	3.15	1.27	Industrials
UNITED OVERSEAS BANK	3.10	5.35	Financials
DBS GROUP HOLDINGS	3.08	11.25	Financials
OCBC BANK	3.07	6.50	Financials
SINGAPORE TELECOM	3.05	3.34	Comm Srvcs
<b>Total</b>	<b>31.41</b>	<b>34.03</b>	

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



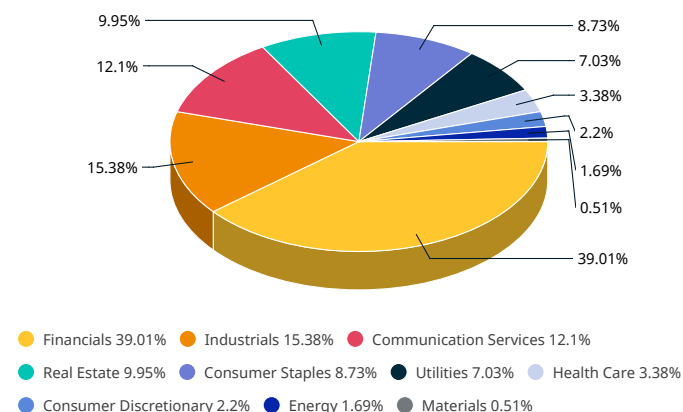
## MSCI FaCS

- 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

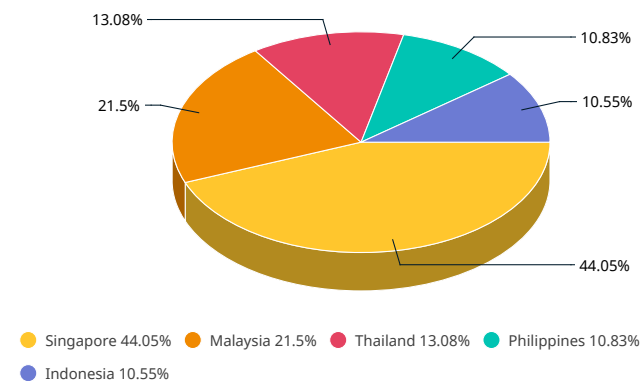
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

## SECTOR WEIGHTS



## COUNTRY WEIGHTS



## 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 50 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 [www.msci.com](http://www.msci.com).

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