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

The MSCI AC ASEAN IMI Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to large, mid and small cap equities across 4 Emerging Markets countries and 1 Developed Market country*. The index is calculated by optimizing the MSCI AC ASEAN IMI, 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 IMI Index.

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

CUMULATIVE INDEX PERFORMANCE — GROSS RETURNS (USD) (APR 2009 – APR 2024)

400 — MSCI AC ASEAN IMI Min Vol (USD) — MSCI AC ASEAN IMI 300 200 Apr 09 Jul 10 Oct 11 Jan 13 Apr 14 Jul 15 Oct 16 Jan 18 Apr 19 Jul 20 Oct 21 Jan 23 Apr 24

ANNUAL PERFORMANCE (%)

Year	MSCI AC ASEAN IMI Min Vol (USD)	MSCI AC ASEAN IMI
2023	1.57	0.18
2022	-1.80	-5.49
2021	4.64	1.46
2020	-4.82	-4.02
2019	10.42	9.38
2018	-5.28	-9.66
2017	26.95	28.28
2016	4.00	7.02
2015	-14.36	-18.13
2014	7.19	6.29
2013	-2.29	-5.42
2012	32.91	23.95
2011	1.21	-7.26
2010	37.64	34.33

INDEX PERFORMANCE — GROSS RETURNS (%) (APR 30, 2024)

FUNDAMENTALS (APR 30, 2024)

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _M	Since lay 31, 2007	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI AC ASEAN IMI Min Vol (USD)	-1.04	0.52	-3.52	-1.90	0.23	0.42	1.47	5.37	4.30	14.43	12.60	1.56
MSCI AC ASEAN IMI	-0.92	2.01	-3.75	-1.53	-2.67	-1.71	-0.08	2.95	4.09	15.69	12.95	1.49

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2007 - APR 30, 2024)

				ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Turnove Error (%) (%) ¹	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 31, 2007	(%)	Period YYYY-MM-DD	
MSCI AC ASEAN IMI Min Vol (USD)	0.82	4.46	20.48	11.80	14.98	12.99	-0.16	-0.03	0.06	0.32	49.80	2007-11-01-2009-03-09	
MSCI AC ASEAN IMI	1.00	0.00	6.35	13.87	18.26	15.61	-0.33	-0.11	-0.02	0.18	58.40	2007-10-29-2009-03-09	
	1 Last	12 months	² Based o	n monthly	gross retu	rns data ³	Based on	NY FED Ov	ernight SO	FR from Sep	o 1 2021 & c	on ICE LIBOR 1M prior that date	

The MSCI AC ASEAN IMI 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.



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

APR 30, 2024 Index Factsheet

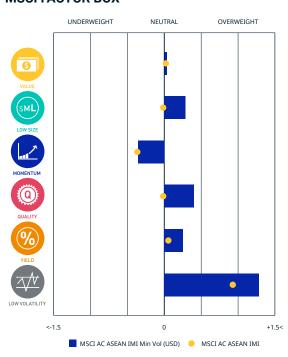
INDEX CHARACTERISTICS

	MSCI AC ASEAN IMI Min Vol (USD)	MSCI AC ASEAN IMI						
Number of	151	405						
Constituents								
	Weight (%)							
Largest	1.76	6.83						
Smallest	0.04	0.01						
Average	0.66	0.25						

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
BANK OF PHIL ISLANDS	PH	1.76	0.54	Financials
DBS GROUP HOLDINGS	SG	1.76	6.83	Financials
BANK MANDIRI	ID	1.68	2.12	Financials
UNITED OVERSEAS BANK	SG	1.65	3.77	Financials
OCBC BANK	SG	1.64	4.74	Financials
BANK CENTRAL ASIA	ID	1.58	4.48	Financials
SINGAPORE TECH ENGR	SG	1.58	0.62	Industrials
MALAYAN BANKING	MY	1.58	1.48	Financials
IHH HEALTHCARE	MY	1.57	0.39	Health Care
NESTLE (MALAYSIA)	MY	1.55	0.25	Cons Staples
Total		16.35	25.23	

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



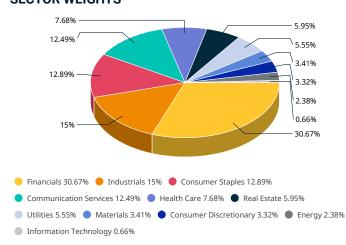
LOW VOLATILITY Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a

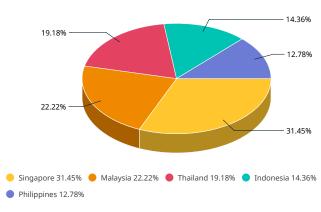
broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS





APR 30, 2024 Index Factsheet

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 www.msci.com.

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