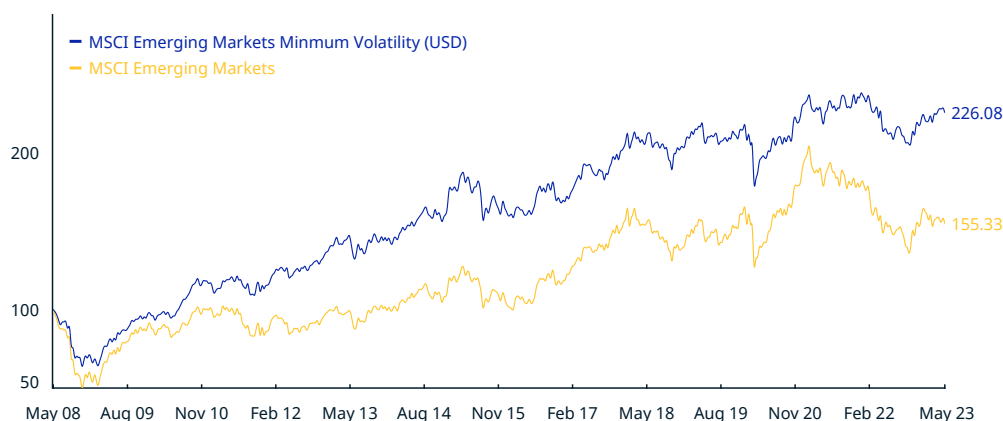


MSCI Emerging Markets Minimum Volatility (USD) Index (CAD)

The MSCI Emerging Markets (EM) Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to large and mid cap equities across 24 Emerging Markets countries*. The index is calculated by optimizing the MSCI Emerging Markets 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 Emerging Markets Index.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (CAD) (MAY 2008 – MAY 2023)



ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets Minimum Volatility (USD)	MSCI Emerging Markets
2022	-7.70	-14.28
2021	4.65	-3.37
2020	5.90	16.23
2019	3.00	12.43
2018	2.71	-6.87
2017	18.40	28.26
2016	0.31	7.34
2015	5.48	2.04
2014	10.21	6.63
2013	6.66	3.93
2012	19.53	15.61
2011	-3.85	-16.40
2010	22.17	12.67
2009	35.34	51.59

INDEX PERFORMANCE – NET RETURNS (%) (MAY 31, 2023)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI Emerging Markets Minimum Volatility (USD)	-1.35	3.17	3.13	3.83	4.62	1.62	4.63	8.86	
MSCI Emerging Markets	-1.46	-0.01	-1.65	1.38	2.90	0.27	4.73	6.88	

FUNDAMENTALS (MAY 31, 2023)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.47	14.24	12.61	1.61
3.38	12.94	11.57	1.57

INDEX RISK AND RETURN CHARACTERISTICS (DEC 29, 2000 – MAY 31, 2023)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	(%)	Period YYYY-MM-DD
MSCI Emerging Markets Minimum Volatility (USD)	0.69	6.74	20.73	8.82	9.48	9.69	38.56	2007-12-06–2008-10-27
MSCI Emerging Markets	1.00	0.00	4.98	14.96	14.74	13.41	53.69	2007-12-06–2008-10-27

¹ Last 12 months

² Based on monthly net returns data

* EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Emerging Markets Minimum Volatility (USD) Index was launched on Dec 01, 2009. 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

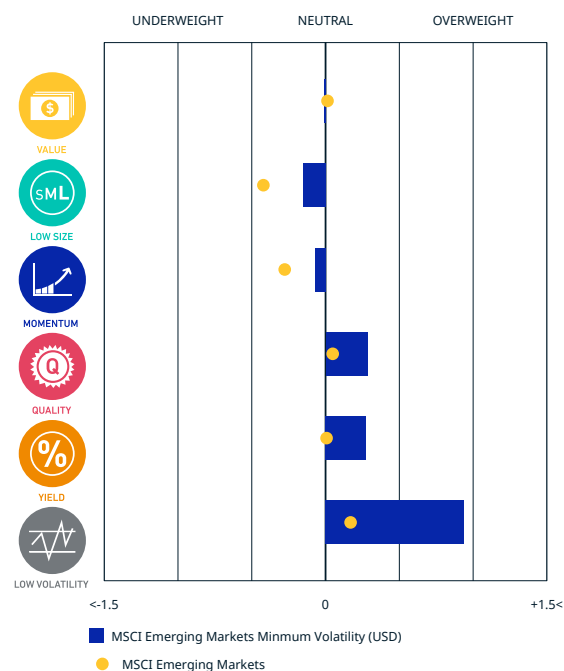
	MSCI Emerging Markets Minimum Volatility (USD)	MSCI Emerging Markets
Number of Constituents	305	1,377
	Weight (%)	
Largest	1.71	7.04
Smallest	0.01	0.00
Average	0.33	0.07
Median	0.20	0.03

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
CHUNGHWA TELECOM CO	TW	1.71	0.25	Comm Svcs
BANK OF CHINA H	CN	1.71	0.49	Financials
SAUDI TELECOM CO	SA	1.68	0.27	Comm Svcs
FIRST FINANCIAL HLDG CO	TW	1.65	0.15	Financials
TAIWAN MOBILE	TW	1.64	0.09	Comm Svcs
AGRI BANK OF CHINA H	CN	1.54	0.17	Financials
PRESIDENT CHAIN STORE	TW	1.52	0.08	Cons Staples
TAIWAN COPR FINL HLDG	TW	1.41	0.14	Financials
ADVANCED INFO SERVICE	TH	1.34	0.11	Comm Svcs
HUA NAN FINANCIAL HLDGS	TW	1.29	0.10	Financials
Total		15.49	1.86	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



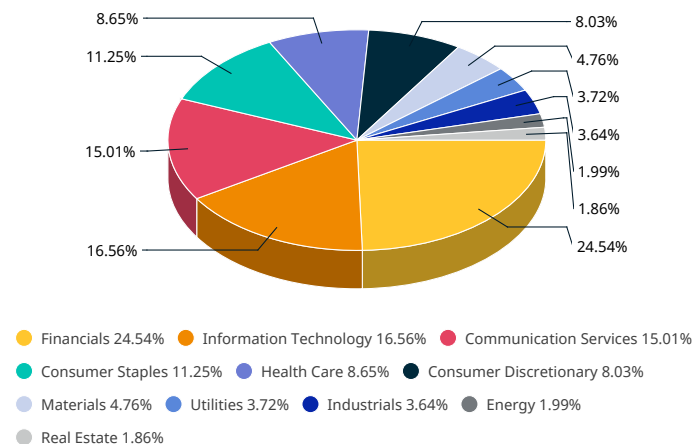
MSCI FaCS

- 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

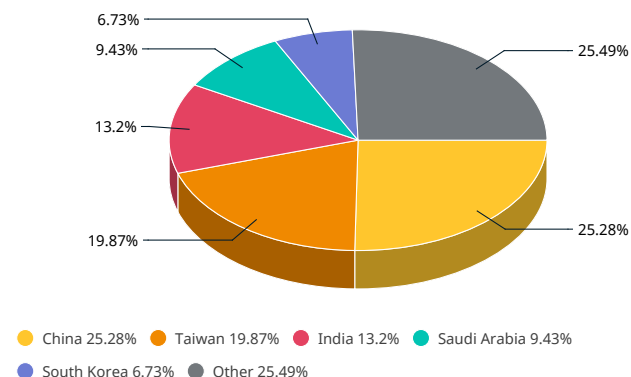
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX FRAMEWORK

The MSCI Minimum Volatility Indexes are designed to provide the lowest return variance for a given covariance matrix of stock returns. Each MSCI Minimum Volatility Index is calculated using Barra Optimizer to optimize a given MSCI parent index for the lowest absolute volatility with a certain set of constraints. These constraints help maintain index replicability and investability and include index turnover limits, for example, along with minimum and maximum constituent, sector and/or country weights relative to the parent index. Each Minimum Volatility Index is rebalanced (or is re-optimized) semi-annually in May and November. Indexes may also be optimized for various currencies.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

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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