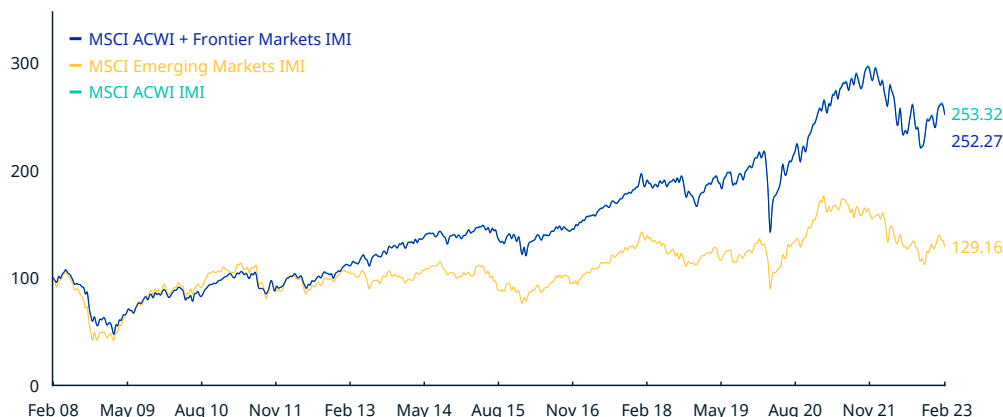


MSCI ACWI + Frontier Markets IMI Index (USD)

The MSCI ACWI + Frontier Markets (FM) Investable Market Index (IMI) captures large, mid and small cap representation across 23 Developed Markets (DM), 24 Emerging Markets (EM) and 28 Frontier Markets countries*. With 9,392 constituents, the index is comprehensive, covering approximately 99% of the global investable equity opportunity set.

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (FEB 2008 – FEB 2023)



ANNUAL PERFORMANCE (%)

Year	MSCI ACWI + Frontier Markets IMI	MSCI Emerging Markets IMI	MSCI ACWI IMI
2022	-18.01	-19.46	-18.00
2021	18.72	0.06	18.71
2020	16.78	18.78	16.81
2019	27.00	18.10	27.04
2018	-9.63	-14.71	-9.61
2017	24.60	37.28	24.58
2016	8.96	10.30	8.96
2015	-1.71	-13.55	-1.68
2014	4.39	-1.42	4.36
2013	24.19	-1.86	24.17
2012	17.01	19.08	17.04
2011	-7.49	-19.24	-7.43
2010	14.90	20.22	14.87
2009	37.06	82.88	37.18

INDEX PERFORMANCE – GROSS RETURNS (%) (FEB 28, 2023)

	ANNUALIZED								FUNDAMENTALS (FEB 28, 2023)			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since May 31, 2002	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI ACWI + Frontier Markets IMI	-2.74	0.47	-7.62	4.44	9.40	6.16	8.43	7.72	2.28	17.38	na	2.41
MSCI Emerging Markets IMI	-6.01	-0.13	-14.17	1.18	2.40	-1.10	2.08	8.08	3.31	12.26	11.72	1.56
MSCI ACWI IMI	-2.74	0.47	-7.60	4.44	9.42	6.18	8.44	7.74	2.27	17.40	15.30	2.41

INDEX RISK AND RETURN CHARACTERISTICS (FEB 28, 2023)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since May 31, 2002	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI + Frontier Markets IMI	2.34	20.29	18.07	14.63	0.50	0.35	0.57	0.45	58.30	2007-10-31–2009-03-09
MSCI Emerging Markets IMI	5.01	20.97	18.86	16.85	0.17	-0.04	0.15	0.41	65.34	2007-10-31–2008-10-27
MSCI ACWI IMI	2.33	20.31	18.08	14.64	0.50	0.35	0.57	0.45	58.28	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly gross returns data

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

* Developed countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the UK. 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. Frontier countries include: Bahrain, Bangladesh, Burkina Faso, Benin, Croatia, Estonia, Guinea-Bissau, Ivory Coast, Iceland, Jordan, Kenya, Lithuania, Kazakhstan, Mauritius, Mali, Morocco, Niger, Nigeria, Oman, Pakistan, Romania, Serbia, Senegal, Slovenia, Sri Lanka, Togo, Tunisia and Vietnam.

The MSCI ACWI + Frontier Markets IMI Index was launched on Mar 17, 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

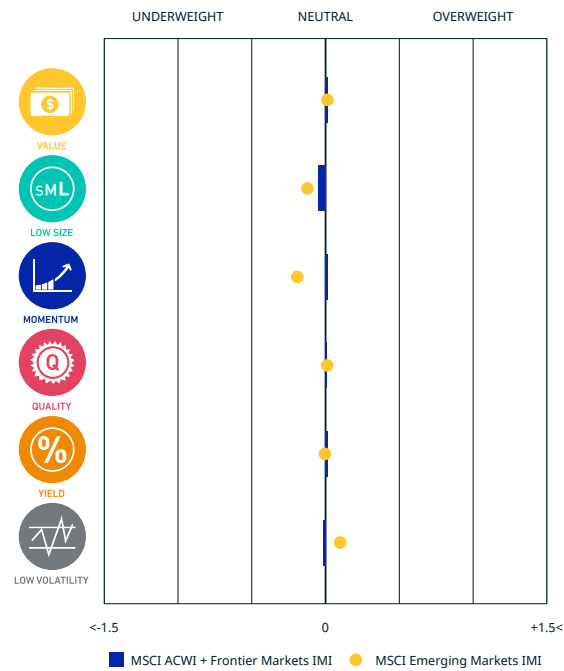
MSCI ACWI + Frontier Markets IMI	
Number of Constituents	9,392
Mkt Cap (USD Millions)	
Index	66,492,741.87
Largest	2,368,989.55
Smallest	7.68
Average	7,079.72
Median	1,032.43

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	2,368.99	3.56	Info Tech
MICROSOFT CORP	1,767.14	2.66	Info Tech
AMAZON.COM	863.98	1.30	Cons Discr
NVIDIA	578.08	0.87	Info Tech
TESLA	547.90	0.82	Cons Discr
ALPHABET A	540.00	0.81	Comm Srvc
ALPHABET C	500.87	0.75	Comm Srvc
EXXON MOBIL CORP	458.06	0.69	Energy
UNITEDHEALTH GROUP	445.19	0.67	Health Care
JPMORGAN CHASE & CO	420.38	0.63	Financials
Total	8,490.58	12.77	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



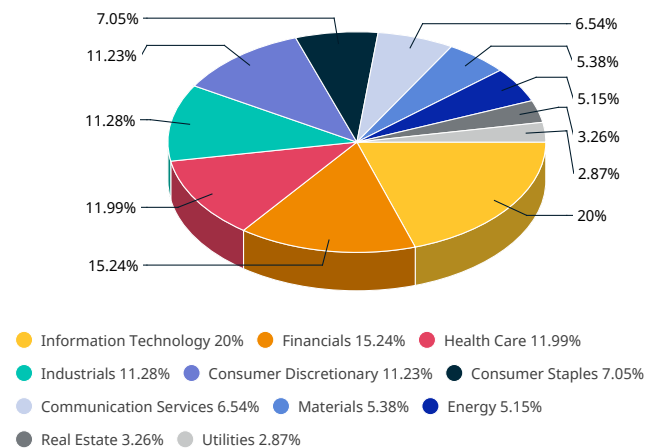
MSCI FaCS

- 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

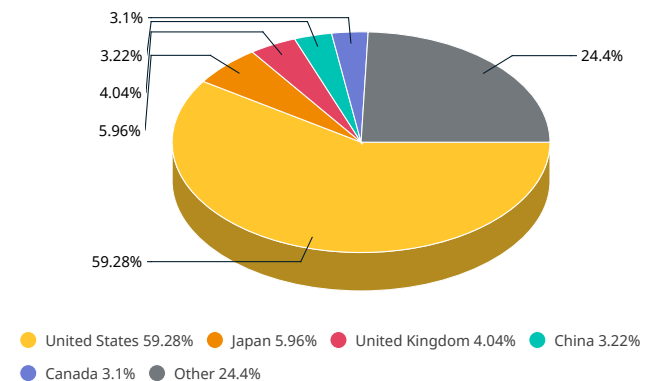
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX FRAMEWORK

The index is based on 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.

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

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