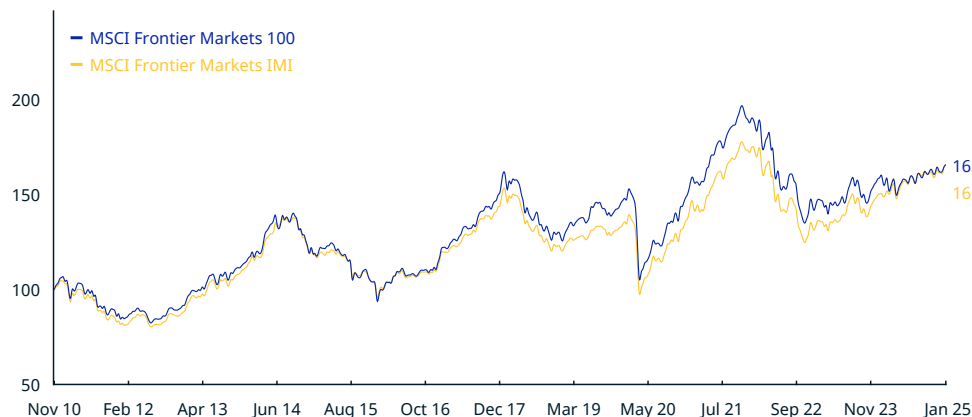


MSCI Frontier Markets 100 Index (USD)

The **MSCI Frontier Markets 100 Index** is a representative and more easily replicable alternative to its broader parent index, the MSCI Frontier Markets IMI. The MSCI Frontier Markets 100 Index includes approximately 100 of the largest and most liquid constituents of the parent index.

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

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2010 – JAN 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI Frontier Markets 100	MSCI Frontier Markets IMI
2024	3.47	8.49
2023	10.61	13.46
2022	-26.09	-25.26
2021	25.67	25.41
2020	1.86	2.13
2019	18.84	13.76
2018	-16.98	-16.60
2017	34.84	29.87
2016	6.84	5.56
2015	-13.80	-13.02
2014	4.99	6.82
2013	25.91	27.22
2012	8.20	8.38
2011	-19.00	-20.94

INDEX PERFORMANCE – NET RETURNS (%) (JAN 31, 2025)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2010
					3 Yr	5 Yr	10 Yr	Since Nov 30, 2010	
MSCI Frontier Markets 100	2.34	2.16	5.18	2.34	-3.35	1.94	3.48	3.62	
MSCI Frontier Markets IMI	2.62	2.80	10.79	2.62	-0.84	3.86	3.55	3.62	

FUNDAMENTALS (JAN 31, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.19	11.89	na	1.64
4.13	11.16	na	1.38

INDEX RISK AND RETURN CHARACTERISTICS (JAN 31, 2025)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 30, 2010	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Frontier Markets 100	26.26	13.33	16.74	14.34	-0.50	0.05	0.18	0.23	34.35	2018-01-22–2020-03-23
MSCI Frontier Markets IMI	7.16	12.57	16.08	13.34	-0.33	0.16	0.19	0.24	35.87	2018-01-26–2020-03-23

¹ Last 12 months

² Based on monthly net returns data

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

* Frontier Markets countries include: Bahrain, Bangladesh, Benin, Burkina Faso, Croatia, Estonia, Guinea-Bissau, Iceland, Ivory Coast, Jordan, Kazakhstan, Kenya, Latvia, Lithuania, Mauritius, Morocco, Mali, Niger, Oman, Pakistan, Romania, Senegal, Serbia, Slovenia, Sri Lanka, Togo, Tunisia and Vietnam.

The MSCI Frontier Markets 100 Index was launched on Apr 11, 2012. 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

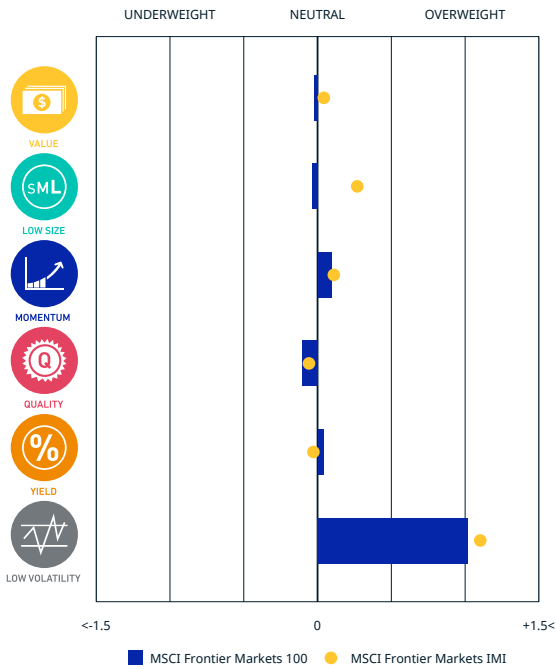
MSCI Frontier Markets 100	
Number of Constituents	121
Mkt Cap (USD Millions)	
Index	87,876.63
Largest	6,280.34
Smallest	50.56
Average	726.25
Median	422.94

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
KASPI.KZ ADS	KZ	6.28	7.15	Financials
ATTIJARIWABA BANK	MA	3.86	4.39	Financials
BANCA TRANSILVANIA	RO	3.58	4.07	Financials
HOA PHAT GROUP JSC	VN	2.82	3.21	Materials
KAZATOMPROM GDR	KZ	2.73	3.11	Energy
OMV PETROM	RO	2.42	2.76	Energy
MAROC TELECOM	MA	2.12	2.42	Comm Svcs
VINHOMES JSC	VN	2.04	2.33	Real Estate
HIDROELECTRICA	RO	1.96	2.23	Utilities
SAFARICOM	KE	1.82	2.08	Comm Svcs
Total		29.65	33.74	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



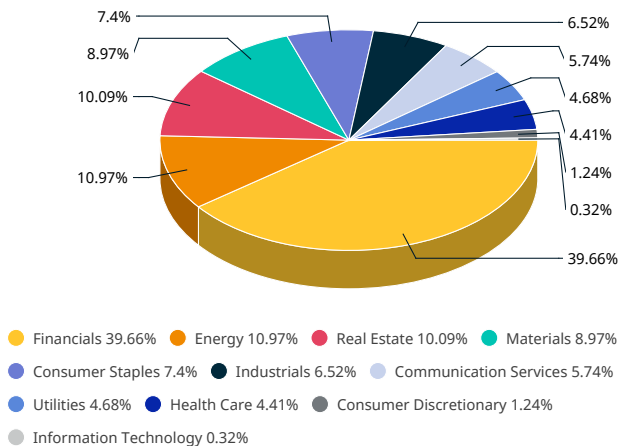
MSCI FaCS

- 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

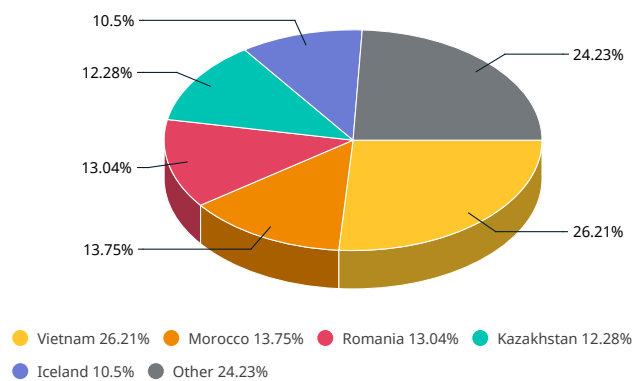
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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 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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