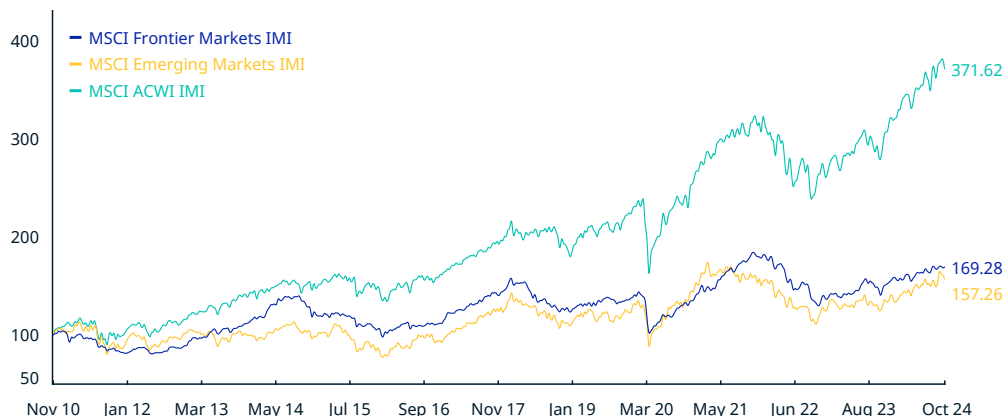


MSCI Frontier Markets IMI Index (USD)

The MSCI Frontier Markets Investable Market Index (IMI) captures large, mid and small cap representation across 28 Frontier Markets countries*. The index includes 597 constituents, covering about 99% of the free float-adjusted market capitalization in each country.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (NOV 2010 – OCT 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Frontier Markets IMI	MSCI Emerging Markets IMI	MSCI ACWI IMI
2023	13.98	12.13	22.18
2022	-24.95	-19.46	-18.00
2021	25.78	0.06	18.71
2020	2.37	18.78	16.81
2019	14.10	18.10	27.04
2018	-16.38	-14.71	-9.61
2017	30.32	37.28	24.58
2016	6.04	10.30	8.96
2015	-12.64	-13.55	-1.68
2014	7.19	-1.42	4.36
2013	27.62	-1.86	24.17
2012	8.75	19.08	17.04
2011	-20.64	-19.24	-7.43

INDEX PERFORMANCE – GROSS RETURNS (%) (OCT 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2010
					3 Yr	5 Yr	10 Yr		
MSCI Frontier Markets IMI	-0.69	2.22	20.26	8.74	-2.68	4.70	2.39	3.85	
MSCI Emerging Markets IMI	-4.29	3.42	25.71	11.64	-0.33	5.13	4.10	3.30	
MSCI ACWI IMI	-2.28	2.37	32.94	15.54	5.43	11.26	9.41	9.88	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.19	11.04	na	1.42
2.54	16.55	12.25	1.79
1.89	21.66	17.55	2.92

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	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 IMI	8.78	12.77	16.13	13.54	-0.44	0.22	0.12	0.26	35.49	2018-01-26–2020-03-23
MSCI Emerging Markets IMI	5.87	17.29	18.58	16.99	-0.15	0.24	0.22	0.20	38.05	2018-01-26–2020-03-23
MSCI ACWI IMI	2.23	16.60	17.74	15.01	0.19	0.56	0.56	0.63	34.47	2020-02-12–2020-03-23

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

* 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 IMI Index was launched on Dec 01, 2010. 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

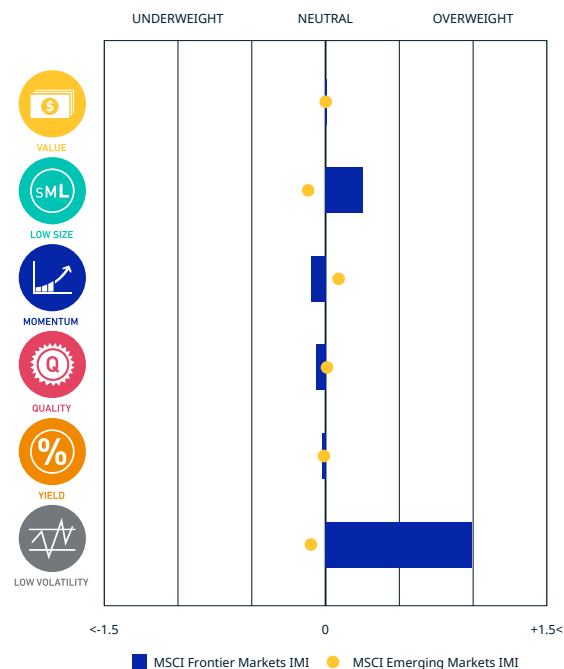
MSCI Frontier Markets IMI	
Number of Constituents	597
Mkt Cap (USD Millions)	
Index	140,971.48
Largest	6,591.88
Smallest	0.00
Average	236.13
Median	58.58

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
KASPI.KZ ADS	KZ	6.59	4.68	Financials
BANCA TRANSILVANIA	RO	4.52	3.21	Financials
KRKA	SI	3.38	2.40	Health Care
HOA PHAT GROUP JSC	VN	3.34	2.37	Materials
OMV PETROM	RO	3.01	2.14	Energy
ATTIJARIWABA BANK	MA	2.96	2.10	Financials
KAZATOMPROM GDR	KZ	2.54	1.80	Energy
VINHOMES JSC	VN	2.50	1.77	Real Estate
MAREL	IS	2.44	1.73	Industrials
HIDROELECTRICA	RO	2.38	1.69	Utilities
Total		33.65	23.87	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



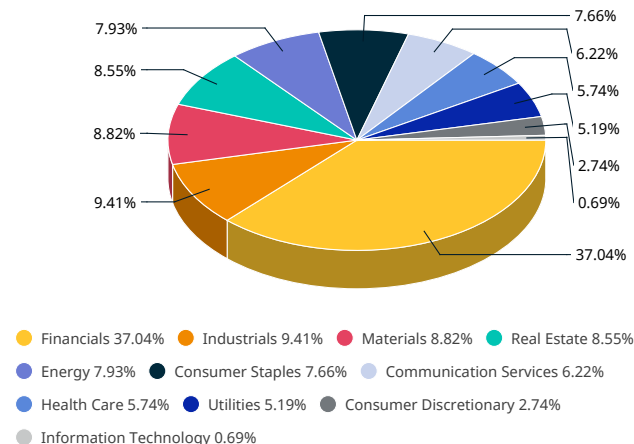
MSCI FaCS

- 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

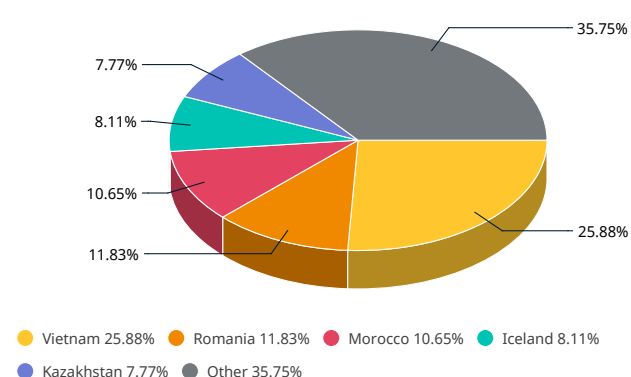
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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