

MSCI Frontier Markets ex GCC Index (USD)

The MSCI Frontier Markets ex GCC Index captures large and mid cap representation across 25 Frontier Markets (FM) countries* excluding the GCC countries. The index includes 194 constituents, covering about 85% 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 – MAR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Frontier Markets ex GCC	MSCI Frontier Markets	MSCI Frontier Markets IMI
2023	12.59	12.17	13.98
2022	-30.46	-26.05	-24.95
2021	19.15	20.09	25.78
2020	7.82	1.65	2.37
2019	8.96	18.34	14.10
2018	-23.70	-16.20	-16.38
2017	39.21	32.32	30.32
2016	2.99	3.16	6.04
2015	-13.59	-14.07	-12.64
2014	-2.72	7.21	7.19
2013	24.22	26.32	27.62
2012	17.14	9.25	8.75
2011	-25.89	-18.38	-20.64

INDEX PERFORMANCE – GROSS RETURNS (%) (MAR 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2010	FUNDAMENTALS (MAR 29, 2024)			
					3 Yr	5 Yr	10 Yr			Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Frontier Markets ex GCC	4.18	5.21	14.98	5.21	-0.92	2.07	0.74	1.33		3.63	11.29	na	1.64
MSCI Frontier Markets	4.21	5.32	14.50	5.32	1.32	3.37	2.15	3.43		3.72	11.43	na	1.60
MSCI Frontier Markets IMI	4.06	4.02	15.02	4.02	3.20	4.43	2.82	3.68		3.77	11.82	na	1.48

INDEX RISK AND RETURN CHARACTERISTICS (MAR 29, 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 ex GCC	34.47	14.83	17.13	15.19	-0.17	0.09	0.03	0.35	67.18	2008-01-03–2009-03-03
MSCI Frontier Markets	34.71	14.04	16.44	14.37	-0.02	0.17	0.12	0.37	67.44	2008-01-15–2009-03-03
MSCI Frontier Markets IMI	18.72	13.61	16.05	13.69	0.11	0.23	0.17	0.26	35.49	2018-01-26–2020-03-23

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

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

The MSCI Frontier Markets ex GCC Index was launched on Dec 18, 2007. 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

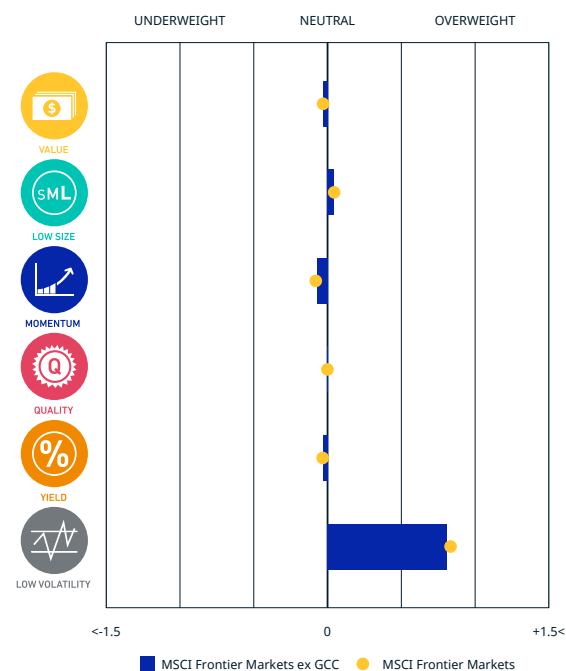
MSCI Frontier Markets ex GCC	
Number of Constituents	194
Mkt Cap (USD Millions)	
Index	111,799.93
Largest	7,699.10
Smallest	56.09
Average	576.29
Median	286.28

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
KASPI.KZ ADS	KZ	7.70	6.89	Financials
BANCA TRANSILVANIA	RO	3.87	3.46	Financials
HOA PHAT GROUP JSC	VN	3.48	3.11	Materials
KRKA	SI	3.19	2.85	Health Care
OMV PETROM	RO	2.74	2.45	Energy
VINHOMES JSC	VN	2.63	2.36	Real Estate
KAZATOMPROM GDR	KZ	2.62	2.35	Energy
HIDROELECTRICA	RO	2.62	2.34	Utilities
VINGROUP JSC	VN	2.20	1.97	Real Estate
ATTIJARIWafa BANK	MA	2.16	1.93	Financials
Total		33.20	29.70	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



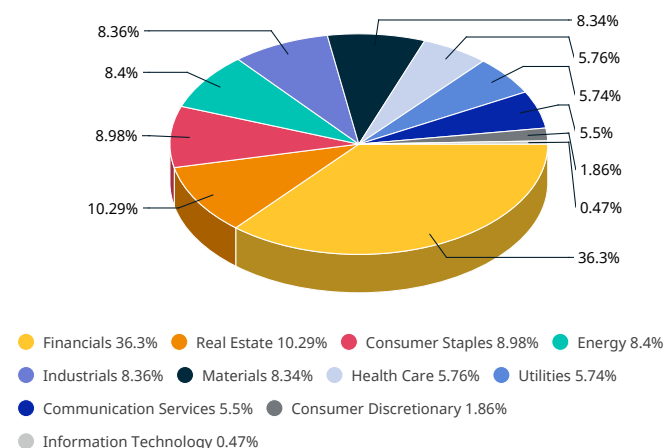
MSCI FaCS

- 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

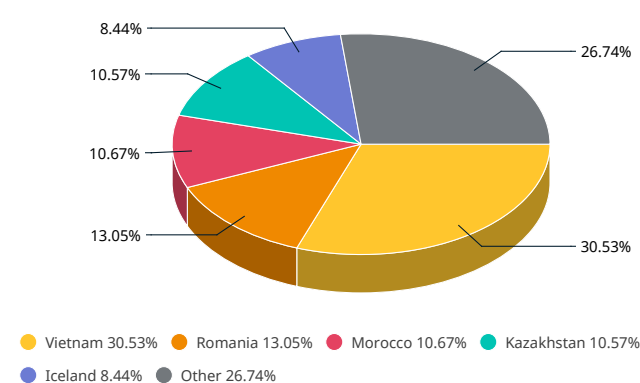
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

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