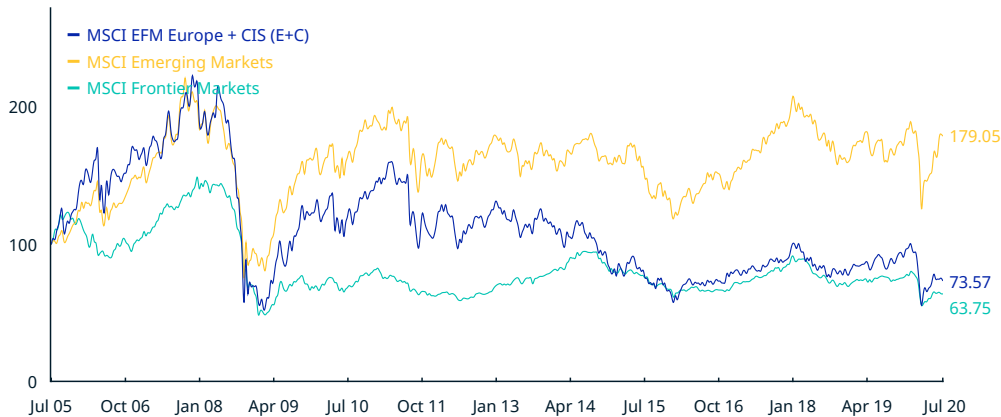


MSCI EFM Europe + CIS (E+C) Index (USD)

The MSCI EFM Europe + CIS (E+C) Index captures large and mid cap representation across 7 Emerging Markets (EM) countries and 7 Frontier Markets (FM) countries*. With 80 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (USD) (JUL 2005 – JUL 2020)



ANNUAL PERFORMANCE (%)

Year	MSCI EFM Europe + CIS (E+C)	MSCI Emerging Markets	MSCI Frontier Markets
2019	25.37	15.42	13.54
2018	-15.24	-16.63	-19.06
2017	16.88	34.35	27.69
2016	20.79	8.58	-1.28
2015	-17.70	-16.96	-17.32
2014	-31.69	-4.63	2.90
2013	-7.14	-4.98	21.36
2012	19.34	15.15	4.89
2011	-25.33	-20.41	-22.14
2010	13.75	16.36	18.96
2009	79.00	74.50	7.01
2008	-68.28	-54.47	-55.41
2007	26.04	36.46	38.55
2006	36.02	29.18	-10.81

INDEX PERFORMANCE – PRICE RETURNS (%) (JUL 31, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2002	FUNDAMENTALS (JUL 31, 2020)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI EFM Europe + CIS (E+C)	0.53	7.73	-18.30	-24.43	-4.19	-1.08	-4.92	3.26	4.77	8.90	na	0.89	
MSCI Emerging Markets	8.42	16.65	4.04	-3.21	0.40	3.65	0.85	6.45	2.36	17.39	14.94	1.76	
MSCI Frontier Markets	-1.12	5.81	-17.07	-18.97	-6.13	-3.24	-0.84	3.33	4.29	11.27	na	1.49	

INDEX RISK AND RETURN CHARACTERISTICS (JUL 31, 2020)

	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 EFM Europe + CIS (E+C)	3.49	23.26	21.11	23.09	-0.14	-0.01	-0.13	0.20	76.42	2007-12-10–2009-03-02
MSCI Emerging Markets	10.60	18.84	17.86	17.90	0.02	0.22	0.09	0.33	66.05	2007-10-29–2008-10-27
MSCI Frontier Markets	13.92	18.08	15.59	13.80	-0.35	-0.21	-0.04	0.19	68.62	2008-01-15–2009-03-03

¹ Last 12 months

² Based on monthly price returns data

³ Based on ICE LIBOR 1M

* **EM countries** include: Czech Republic, Greece, Hungary, Poland, Russia, Turkey and Ukraine. **FM countries** include: Croatia, Estonia, Kazakhstan, Lithuania, Romania, Serbia and Slovenia.

The MSCI EFM Europe + CIS (E+C) Index was launched on Feb 07, 2008. Data prior to the launch date is back-tested data (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

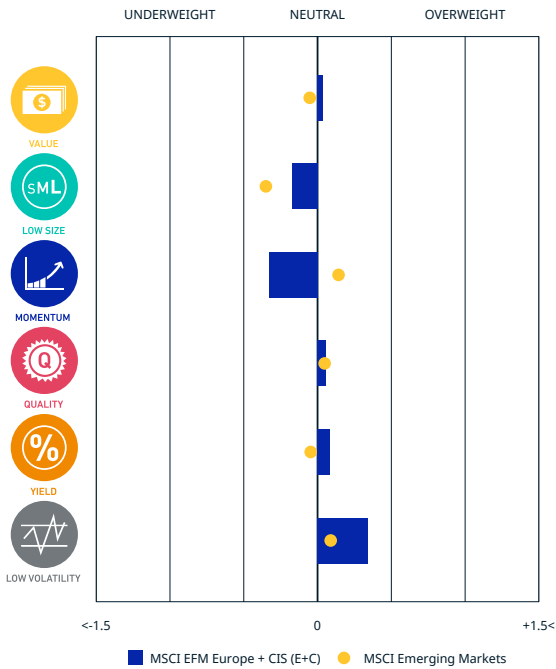
MSCI EFM Europe + CIS (E+C)	
Number of Constituents	80
Mkt Cap (USD Millions)	
Index	295,585.08
Largest	32,161.17
Smallest	81.17
Average	3,694.81
Median	2,090.33

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
SBERBANK RUSSIA COM(RUB)	RU	32.16	10.88	Financials
GAZPROM (RUB)	RU	29.03	9.82	Energy
LUKOIL HOLDING(RUB)	RU	28.47	9.63	Energy
NORILSK NICKEL MMC(RUB)	RU	16.76	5.67	Materials
NOVATEK GDR	RU	13.35	4.52	Energy
TATNEFT COMMON (RUB)	RU	10.51	3.56	Energy
OTP BANK	HU	7.99	2.70	Financials
POLYUS (RUB)	RU	7.67	2.59	Materials
CD PROJEKT	PL	7.25	2.45	Comm Svcs
POLYMETAL INTL (RUB)	RU	5.88	1.99	Materials
Total		159.08	53.82	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



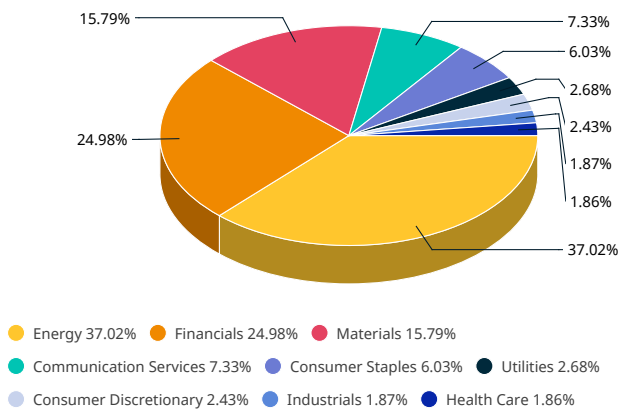
MSCI FaCS

- 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

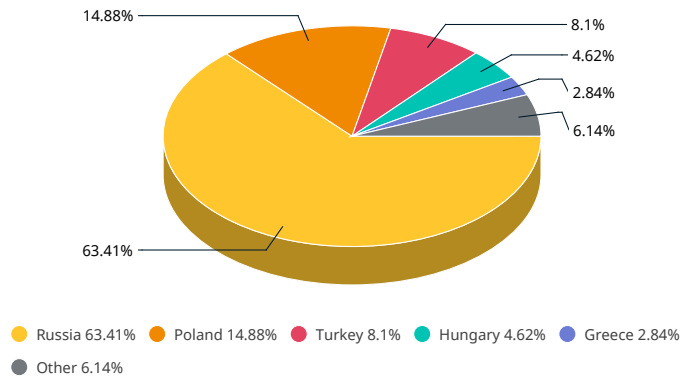
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX METHODOLOGY

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. The index is reviewed quarterly - in February, May, August and November - with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) 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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