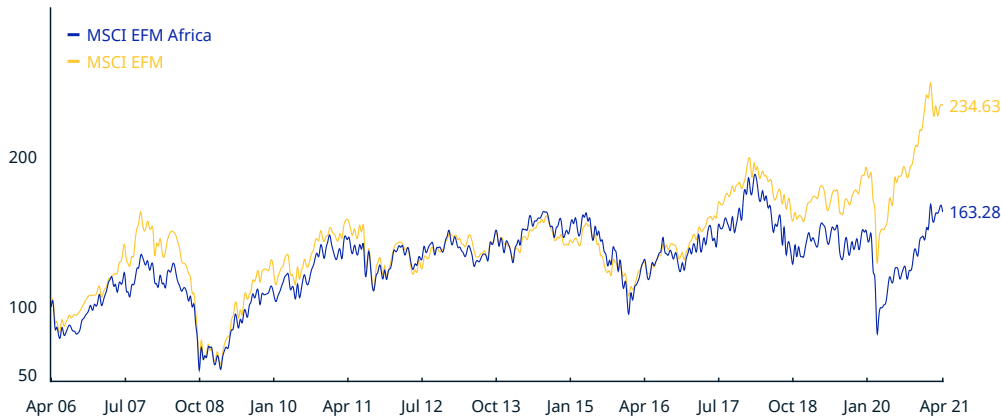


# MSCI Emerging Frontier Markets Africa Index (USD)

The MSCI Emerging Frontier Markets Africa Index captures large and mid cap representation across 2 Emerging Markets (EM) countries and 13 Frontier Markets (FM) countries\*. With 69 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (APR 2006 – APR 2021)



## ANNUAL PERFORMANCE (%)

Year	MSCI EFM Africa	MSCI EFM
2020	-3.55	18.39
2019	11.44	18.91
2018	-23.27	-14.28
2017	35.55	37.62
2016	15.32	11.40
2015	-24.50	-14.58
2014	4.25	-1.41
2013	-3.26	-1.50
2012	21.19	18.35
2011	-16.13	-18.19
2010	32.27	19.38
2009	48.00	75.62
2008	-39.93	-53.14
2007	23.11	39.35

## INDEX PERFORMANCE – GROSS RETURNS (%) (APR 30, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2002	FUNDAMENTALS (APR 30, 2021)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI EFM Africa	0.30	8.33	56.54	11.26	-1.49	4.19	0.89	8.92	2.03	16.65	na	2.06	
MSCI EFM	2.54	1.81	49.05	4.93	7.81	12.81	4.02	10.16	1.85	21.50	na	2.09	

## INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2021)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since May 31, 2002	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI EFM Africa	6.16	26.88	23.66	21.56	0.03	0.24	0.12	0.42	57.83	2007-11-08–2009-03-09
MSCI EFM	8.63	19.08	16.32	17.46	0.41	0.74	0.27	0.50	63.90	2007-10-29–2008-10-27

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

<sup>3</sup> Based on ICE LIBOR 1M

\* EM countries include: Egypt and South Africa. FM countries include: Burkina Faso, Benin, Guinea-Bissau, Ivory Coast, Kenya, Mauritius, Mali, Morocco, Niger, Nigeria, Senegal, Togo and Tunisia.

The MSCI Emerging Frontier Markets Africa 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

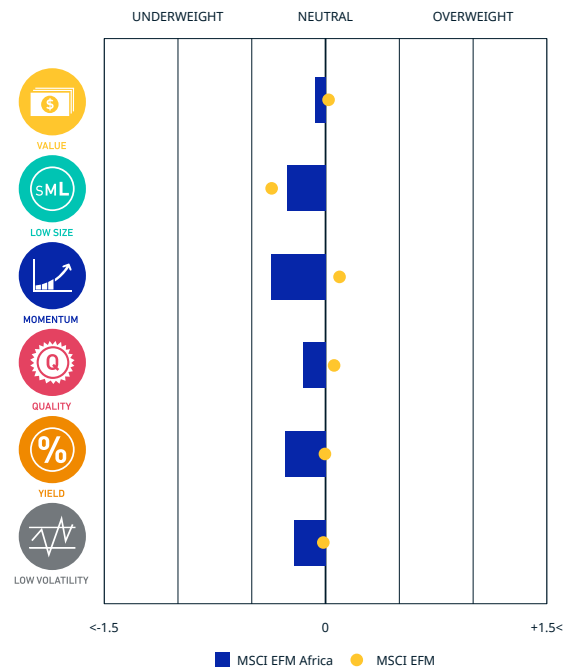
MSCI EFM Africa	
Number of Constituents	69
Mkt Cap (USD Millions)	
Index	335,836.66
Largest	99,377.57
Smallest	129.08
Average	4,867.20
Median	2,639.46

### TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
NASPERS N	99.38	29.59	Cons Discr
FIRSTRAND	16.77	4.99	Financials
IMPALA PLATINUM HOLDINGS	14.63	4.36	Materials
SIBANYE STILLWATER	12.97	3.86	Materials
MTN GROUP	10.71	3.19	Comm Svcs
STANDARD BANK GROUP	10.54	3.14	Financials
SASOL	9.50	2.83	Materials
ANGLOGOLD ASHANTI	8.63	2.57	Materials
GOLD FIELDS	8.35	2.49	Materials
ANGLO AMERICAN PLATINUM	7.26	2.16	Materials
Total	198.75	59.18	

### FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

#### MSCI FACTOR BOX



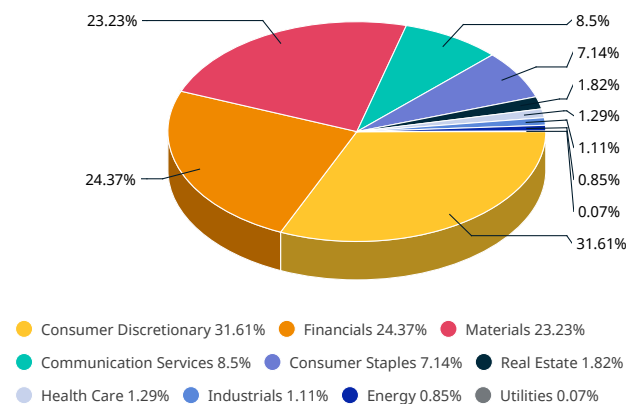
#### MSCI FaCS

- 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

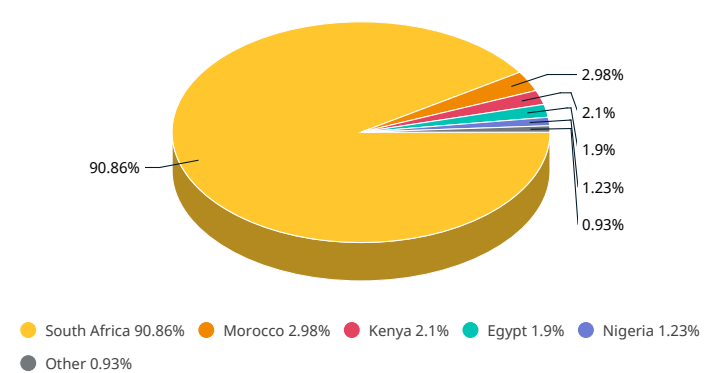
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

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