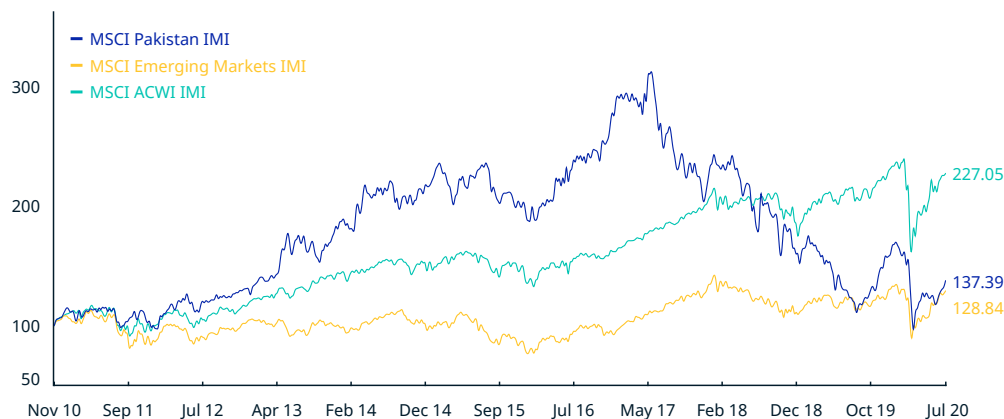


MSCI Pakistan IMI (USD)

The MSCI Pakistan Investable Market Index (IMI) is designed to measure the performance of the large, mid and small cap segments of the Pakistani market. With 19 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in Pakistan.

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (NOV 2010 – JUL 2020)



ANNUAL PERFORMANCE (%)

Year	MSCI Pakistan IMI	MSCI Emerging Markets IMI	MSCI ACWI IMI
2019	4.60	18.10	27.04
2018	-29.46	-14.71	-9.61
2017	-24.18	37.28	24.58
2016	41.77	10.30	8.96
2015	-8.82	-13.55	-1.68
2014	21.51	-1.42	4.36
2013	37.44	-1.86	24.17
2012	34.80	19.08	17.04
2011	-10.19	-19.24	-7.43

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2010	FUNDAMENTALS (JUL 31, 2020)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI Pakistan IMI	14.03	8.06	12.80	-13.61	-19.12	-10.03	na	3.34	6.11	7.64	7.12	1.10	
MSCI Emerging Markets IMI	9.06	18.42	6.34	-1.83	2.78	6.04	na	2.65	2.37	17.58	14.84	1.70	
MSCI ACWI IMI	5.23	13.70	6.65	-1.92	6.93	7.63	na	8.85	2.09	21.31	20.00	2.28	

INDEX RISK AND RETURN CHARACTERISTICS (JUL 31, 2020)

	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 Pakistan IMI	15.55	31.91	27.37	na	-0.55	-0.29	na	0.23	69.36	2017-05-24–2020-03-26
MSCI Emerging Markets IMI	10.16	19.12	17.96	na	0.15	0.34	na	0.19	38.05	2018-01-26–2020-03-23
MSCI ACWI IMI	3.14	16.88	14.96	na	0.38	0.48	na	0.62	34.47	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly gross returns data

³ Based on ICE LIBOR 1M

The MSCI Pakistan IMI was launched on Dec 01, 2010. 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

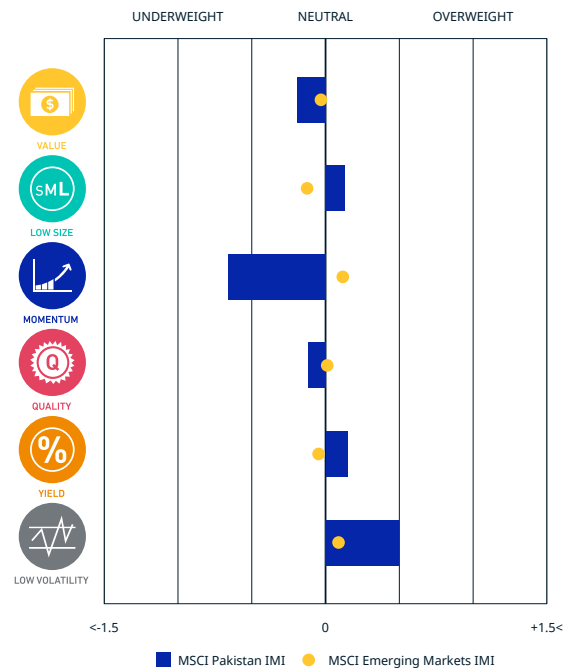
MSCI Pakistan IMI	
Number of Constituents	19
Mkt Cap (USD Millions)	
Index	5,209.37
Largest	486.76
Smallest	74.96
Average	274.18
Median	242.48

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
ENGRO CORPORATION	0.49	9.34	Materials
LUCKY CEMENT	0.45	8.65	Materials
OIL & GAS DEVELOPMENT	0.44	8.50	Energy
MCB BANK	0.44	8.46	Financials
HABIB BANK	0.43	8.27	Financials
HUB-POWER CO	0.35	6.63	Utilities
FAUJI FERTILIZER CO	0.34	6.48	Materials
UNITED BANK	0.33	6.41	Financials
PAKISTAN PETROLEUM	0.32	6.23	Energy
PAKISTAN OILFIELDS	0.24	4.65	Energy
Total	3.84	73.63	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



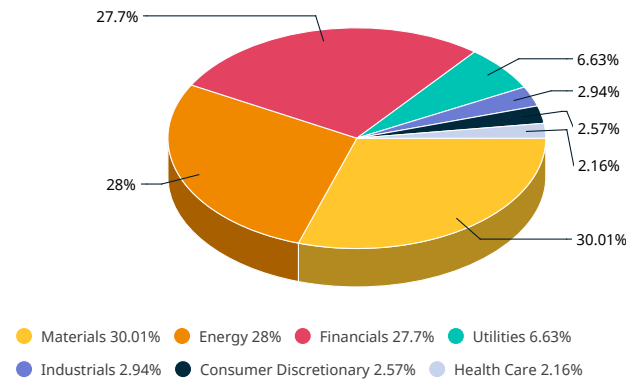
MSCI FaCS

- 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



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, mid and small 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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