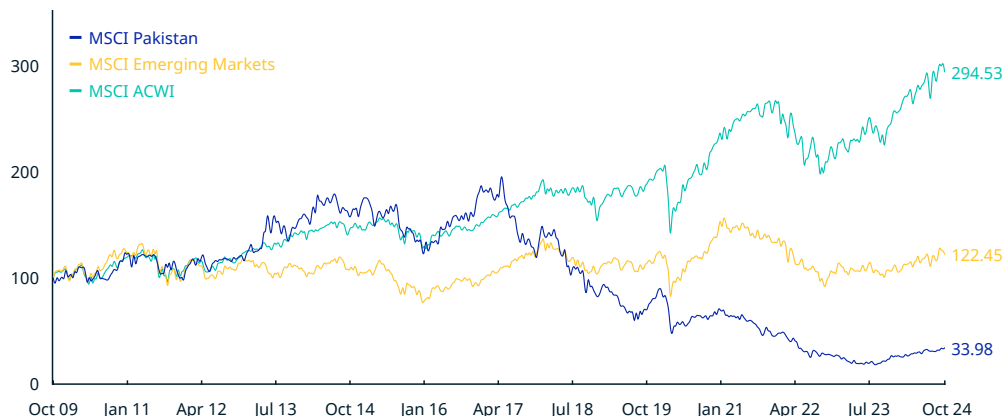


MSCI Pakistan Index (USD)

The **MSCI Pakistan Index** is designed to measure the performance of the large and mid cap segments of the Pakistan market. With 22 constituents, the index covers approximately 85% of the Pakistan equity universe.

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

CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (USD) (OCT 2009 – OCT 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Pakistan	MSCI Emerging Markets	MSCI ACWI
2023	-7.31	7.04	20.09
2022	-40.89	-22.37	-19.80
2021	-30.01	-4.59	16.80
2020	-20.29	15.84	14.33
2019	3.31	15.42	24.05
2018	-37.84	-16.63	-11.18
2017	-28.05	34.35	21.62
2016	32.73	8.58	5.63
2015	-18.27	-16.96	-4.26
2014	7.58	-4.63	2.10
2013	26.50	-4.98	20.25
2012	23.46	15.15	13.43
2011	-17.08	-20.41	-9.41
2010	19.49	16.36	10.42

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1992
					3 Yr	5 Yr	10 Yr		
MSCI Pakistan	6.02	8.61	56.41	33.57	-13.59	-13.64	-14.33	-3.92	
MSCI Emerging Markets	-4.38	3.20	22.33	9.36	-3.98	1.45	0.97	4.06	
MSCI ACWI	-2.29	2.23	30.73	14.49	3.75	9.27	7.09	6.16	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
9.41	4.51	4.00	0.99
2.57	15.92	12.08	1.84
1.86	21.45	17.75	3.16

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 31, 1992	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Pakistan	15.89	29.23	31.93	27.62	-0.48	-0.36	-0.48	-0.02	92.89	2008-02-26–2023-08-31
MSCI Emerging Markets	5.58	17.71	18.61	17.12	-0.35	0.04	0.04	0.17	66.05	2007-10-29–2008-10-27
MSCI ACWI	2.48	16.44	17.43	14.82	0.09	0.46	0.42	0.29	59.61	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly price returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

The MSCI Pakistan Index was launched on Apr 30, 1993. 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

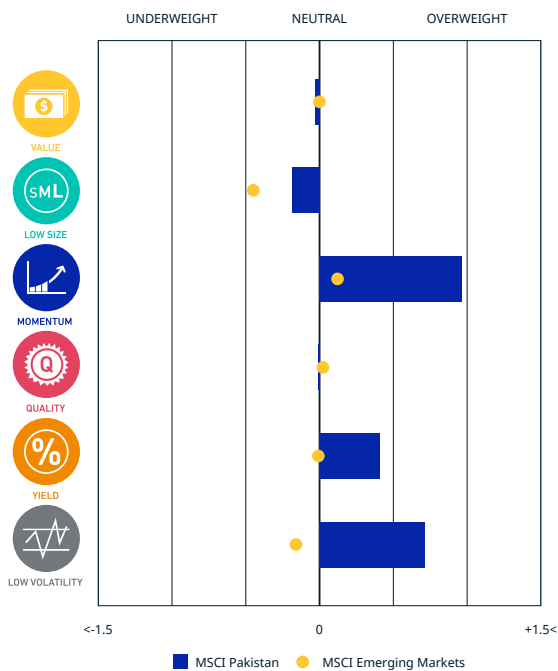
MSCI Pakistan	
Number of Constituents	22
Mkt Cap (USD Millions)	
Index	5,209.19
Largest	515.37
Smallest	45.49
Average	236.78
Median	260.35

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
FAUJI FERTILIZER CO	0.52	9.89	Materials
ENGRO FERTILIZERS	0.42	8.05	Materials
HUB-POWER CO	0.39	7.42	Utilities
OIL & GAS DEVELOPMENT	0.35	6.65	Energy
ENGRO CORPORATION	0.32	6.10	Materials
MCB BANK	0.31	6.00	Financials
BANK AL-HABIB	0.28	5.38	Financials
LUCKY CEMENT	0.28	5.36	Materials
PAKISTAN PETROLEUM	0.28	5.32	Energy
HABIB BANK	0.28	5.30	Financials
Total	3.41	65.47	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



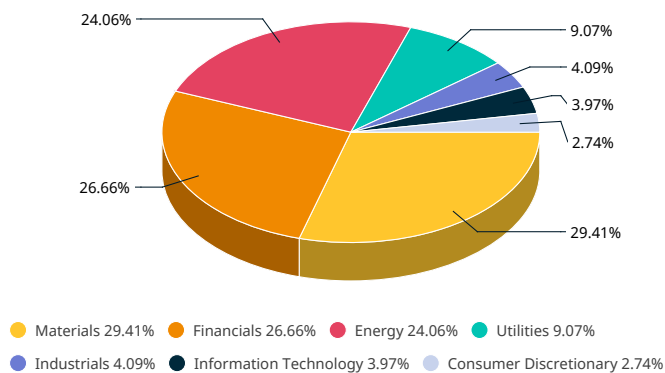
MSCI FaCS

- 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



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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