MSCI Poland Index (USD)

The **MSCI Poland Index** is designed to measure the performance of the large and mid cap segments of the Polish market. With 14 constituents, the index covers approximately 85% of the Polish equity universe.

For a complete description of the index methodology, please see <u>Index methodology - MSCI.</u>

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAR 2009 – MAR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Poland	MSCI Emerging Markets	MSCI ACWI IMI
2023	48.60	9.83	21.58
2022	-27.24	-20.09	-18.40
2021	8.46	-2.54	18.22
2020	-11.39	18.31	16.25
2019	-5.87	18.42	26.35
2018	-12.87	-14.57	-10.08
2017	54.72	37.28	23.95
2016	0.13	11.19	8.36
2015	-25.35	-14.92	-2.19
2014	-14.21	-2.19	3.84
2013	2.59	-2.60	23.55
2012	39.24	18.22	16.38
2011	-30.12	-18.42	-7.89
2010	15.24	18.88	14.35

INDEX PERFORMANCE - NET RETURNS (%) (MAR 29, 2024)

FUNDAMENTALS (MAR 29, 2024)

					ANNUALIZED								
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr D	Since ec 29, 2000	Div Yld (%)	P/E	P/E Fwd	P/BV	
MSCI Poland	0.58	3.45	55.27	3.45	9.46	0.35	-1.67	3.52	3.88	8.45	9.90	1.22	
MSCI Emerging Markets	2.48	2.37	8.15	2.37	-5.05	2.22	2.95	7.57	2.83	15.61	12.13	1.71	
MSCI ACWI IMI	3.16	7.72	22.45	7.72	6.31	10.57	8.43	6.64	1.94	21.32	17.62	2.84	

INDEX RISK AND RETURN CHARACTERISTICS (MAR 29, 2024)

		ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Turnover (%) ¹	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Dec 29, 2000	(%)	Period YYYY-MM-DD	
MSCI Poland	5.65	34.43	34.56	28.58	0.36	0.12	0.03	0.21	77.59	2007-10-29-2009-02-17	
MSCI Emerging Markets	6.15	17.76	19.05	17.18	-0.35	0.10	0.17	0.37	65.25	2007-10-29-2008-10-27	
MSCI ACWI IMI	2.51	16.72	18.06	14.96	0.30	0.54	0.52	0.37	58.59	2007-10-31-2009-03-09	
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¹ Last 12 months ² Based on monthly net returns data ³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

The MSCI Poland Index was launched on Jan 01, 2001. 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.



MAR 29, 2024 Index Factsheet

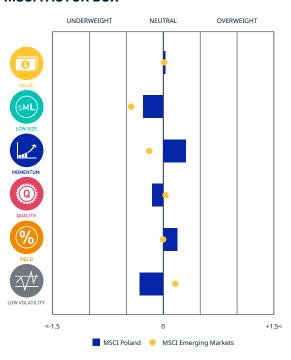
INDEX CHARACTERISTICS

	MSCI Poland
Number of	14
Constituents	
	Mkt Cap (USD Millions)
Index	70,111.45
Largest	13,020.50
Smallest	780.03
Average	5,007.96
Median	4,327.56
Median	4,327.30

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
PKO BANK POLSKI	13.02	18.57	Financials
POLSKI KONCERN NAF ORLEN	9.47	13.51	Energy
BANK PEKAO	8.38	11.95	Financials
POWSZECHNY ZAKLAD UBEZP	7.40	10.55	Financials
SANTANDER BANK POLSKA	5.11	7.29	Financials
DINO POLSKA	4.77	6.80	Cons Staples
ALLEGRO.EU	4.38	6.25	Cons Discr
LPP	4.27	6.09	Cons Discr
KGHM POLSKA MIEDZ	4.01	5.72	Materials
MBANK	2.76	3.93	Financials
Total	63.57	90.66	

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



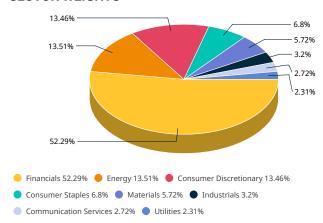
LOW VOLATILITY
Lower Risk Stocks

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





MAR 29, 2024 Index Factsheet

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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