MSCI Hungary Index (USD)

The **MSCI Hungary Index** is designed to measure the performance of the large and mid cap segments of the Hungarian market. With 3 constituents, the index covers approximately 85% of the Hungarian equity universe.

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

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

- MSCI Hungary - MSCI Emerging Markets - MSCI ACWI 200 200 100 50 Jul 09 Oct 10 Jan 12 Apr 13 Jul 14 Oct 15 Jan 17 Apr 18 Jul 19 Oct 20 Jan 22 Apr 23 Jul 24

ANNUAL PERFORMANCE (%)

Year	MSCI Hungary	MSCI Emerging Markets	MSCI ACWI		
2023	50.89	9.83	22.20		
2022	-31.08	-20.09	-18.36		
2021	12.10	-2.54	18.54		
2020	-11.66	18.31	16.25		
2019	19.39	18.42	26.60		
2018	-6.12	-14.57	-9.41		
2017	39.95	37.28	23.97		
2016	35.37	11.19	7.86		
2015	36.31	-14.92	-2.36		
2014	-27.44	-2.19	4.16		
2013	-5.82	-2.60	22.80		
2012	22.79	18.22	16.13		
2011	-33.65	-18.42	-7.35		
2010	-9.58	18.88	12.67		

INDEX PERFORMANCE - NET RETURNS (%) (JUL 31, 2024)

FUNDAMENTALS (JUL 31, 2024)

						ANNU	ALIZED					
	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 Hungary	3.67	7.55	30.25	13.72	4.47	6.54	11.24	8.19	4.26	5.03	5.53	0.94
MSCI Emerging Markets	0.30	4.84	6.27	7.81	-2.74	3.41	2.63	7.70	2.68	15.90	11.98	1.79
MSCI ACWI	1.61	8.09	17.02	13.10	5.75	11.05	8.74	6.47	1.89	21.29	17.63	3.14

INDEX RISK AND RETURN CHARACTERISTICS (JUL 31, 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 Hungary	1.45	30.24	32.11	27.32	0.20	0.29	0.47	0.36	81.58	2007-07-23-2009-03-05	
MSCI Emerging Markets	5.10	17.39	18.58	17.17	-0.26	0.15	0.14	0.38	65.25	2007-10-29-2008-10-27	
MSCI ACWI	2.41	16.78	17.43	14.82	0.23	0.56	0.53	0.36	58.38	2007-10-31-2009-03-09	
	1 10	2 Danad an			3 n.	NIV F	ED Ouermiele	COED from C	1 2021 0 -	n ICE LIDOR 1M neige that data	

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 Hungary 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.



JUL 31, 2024 Index Factsheet

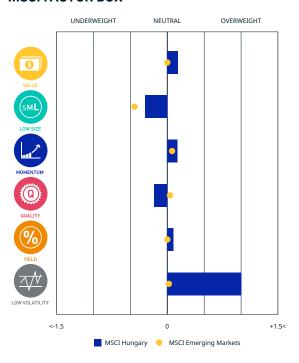
INDEX CHARACTERISTICS

MSCI Hungary					
Number of	3				
Constituents					
	Mkt Cap (USD Millions)				
Index	18,964.58				
Largest	11,468.30				
Smallest	3,512.15				
Average	6,321.53				
Median	3,984.14				

TOP 3 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
OTP BANK	11.47	60.47	Financials
RICHTER GEDEON	3.98	21.01	Health Care
MOL MAGYAR OLAJ GAZIPARI	3.51	18.52	Energy
Total	18.96	100.00	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



MSCI FaCS



VALUE Relatively Inexpensive Stocks



LOW SIZE Smaller Companies



MOMENTUM Rising Stocks



QUALITYSound Balance Sheet Stocks



YIELD Cash Flow Paid Out



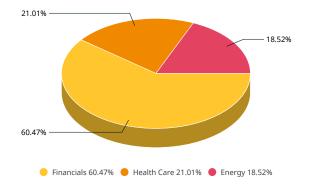
LOW VOLATILITY Lower Risk Stocks

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





JUL 31, 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

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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