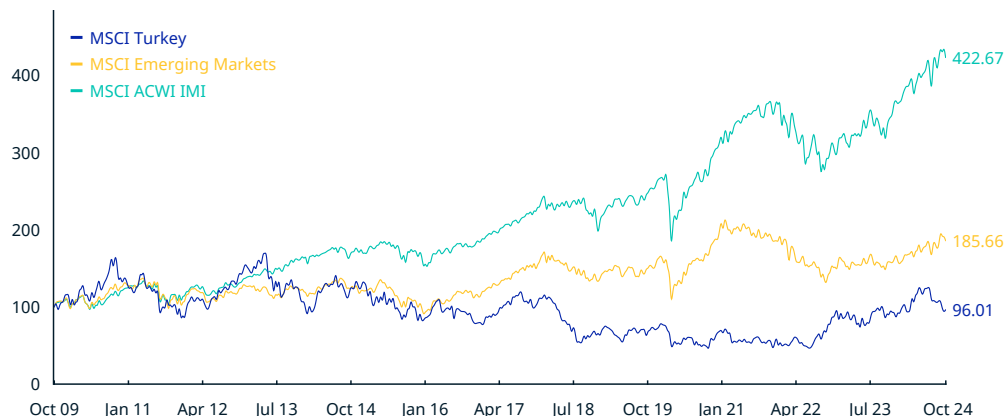


# MSCI Turkey Index (USD)

The **MSCI Turkey Index** is designed to measure the performance of the large and mid cap segments of the Turkish market. With 18 constituents, the index covers about 85% of the equity universe in Turkey.

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

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (OCT 2009 – OCT 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI Turkey	MSCI Emerging Markets	MSCI ACWI IMI
2023	-5.32	10.27	22.18
2022	91.16	-19.74	-18.00
2021	-27.83	-2.22	18.71
2020	-8.57	18.69	16.81
2019	11.68	18.88	27.04
2018	-41.05	-14.24	-9.61
2017	39.07	37.75	24.58
2016	-8.12	11.60	8.96
2015	-31.55	-14.60	-1.68
2014	19.07	-1.82	4.36
2013	-26.52	-2.27	24.17
2012	64.87	18.63	17.04
2011	-35.16	-18.17	-7.43
2010	21.24	19.20	14.87

## INDEX PERFORMANCE – GROSS RETURNS (%) (OCT 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1994
					3 Yr	5 Yr	10 Yr		
MSCI Turkey	-9.70	-19.82	11.24	10.14	21.13	7.47	-2.64	7.40	
MSCI Emerging Markets	-4.32	3.79	25.95	12.17	-0.99	4.35	3.83	5.41	
MSCI ACWI IMI	-2.28	2.37	32.94	15.54	5.43	11.26	9.41	7.97	

## FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.09	6.51	4.55	1.18
2.57	15.92	12.08	1.84
1.89	21.66	17.55	2.92

## INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since May 31, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Turkey	6.80	34.25	35.19	33.42	0.62	0.31	0.03	0.30	83.98	2000-04-28–2003-03-24
MSCI Emerging Markets	5.58	17.81	18.70	17.17	-0.17	0.19	0.20	0.38	65.14	2007-10-29–2008-10-27
MSCI ACWI IMI	2.23	16.60	17.74	15.01	0.19	0.56	0.56	0.40	58.28	2007-10-31–2009-03-09

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly gross returns data

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

The MSCI Turkey Index was launched on Jan 31, 1990. 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**

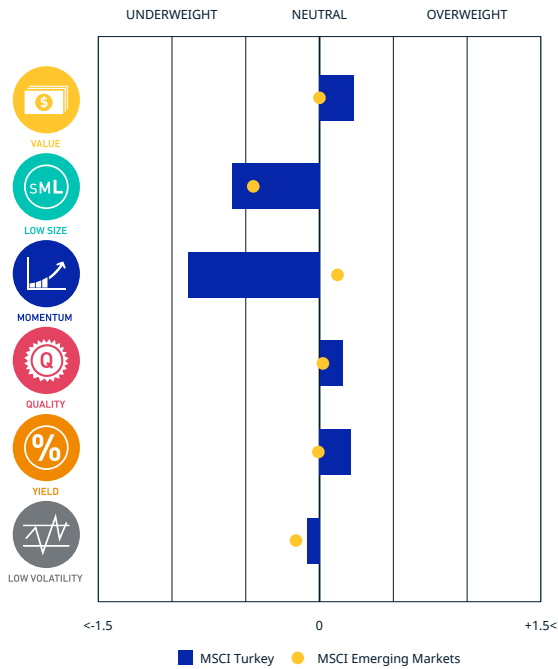
MSCI Turkey	
<b>Number of Constituents</b>	18
<b>Mkt Cap (USD Millions)</b>	
<b>Index</b>	47,722.95
<b>Largest</b>	6,195.47
<b>Smallest</b>	685.33
<b>Average</b>	2,651.27
<b>Median</b>	2,419.88

**TOP 10 CONSTITUENTS**

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
BIM BIRLESIK MAGAZALAR	6.20	12.98	Cons Staples
AKBANK	4.60	9.65	Financials
TURK HAVA YOLLARI	4.39	9.19	Industrials
TUPRAS TURKIYE PETROL	4.06	8.51	Energy
KOC HOLDING	3.75	7.86	Industrials
TURKIYE IS BANKASI C	3.00	6.29	Financials
TURKCELL ILETISIM HIZMET	2.99	6.27	Comm Srvcs
SABANCI HLDG (HACI OMER)	2.55	5.34	Financials
AESLAN ELEKTRONIK	2.43	5.09	Industrials
YAPI VE KREDI BANKASI	2.41	5.05	Financials
<b>Total</b>	<b>36.38</b>	<b>76.23</b>	

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

**MSCI FACTOR BOX**



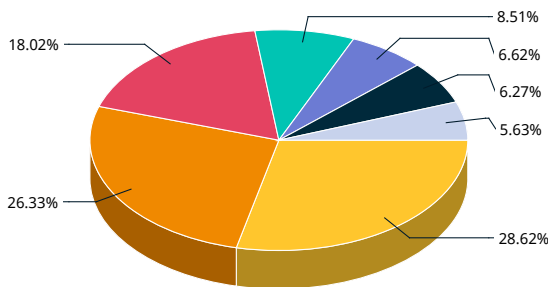
**MSCI FaCS**

- 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**



- Industrials 28.62%
- Financials 26.33%
- Consumer Staples 18.02%
- Energy 8.51%
- Materials 6.62%
- Communication Services 6.27%
- Consumer Discretionary 5.63%

**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](http://www.msci.com).

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