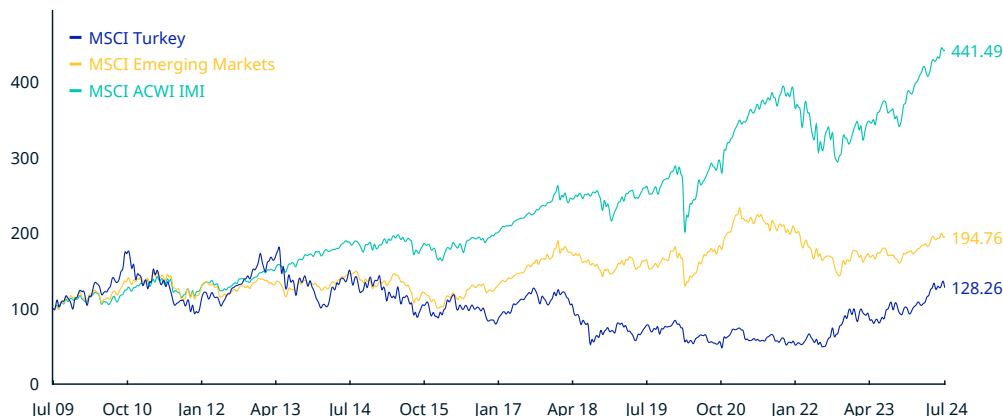


# MSCI Turkey Index (USD)

The **MSCI Turkey Index** is designed to measure the performance of the large and mid cap segments of the Turkish market. With 17 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) (JUL 2009 – JUL 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 (%) (JUL 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1994	FUNDAMENTALS (JUL 31, 2024)			
					3 Yr	5 Yr	10 Yr			Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Turkey	-1.45	4.85	34.39	37.37	28.32	10.47	-1.10	8.25		2.47	7.55	5.14	1.49
MSCI Emerging Markets	0.37	5.01	6.68	8.08	-2.34	3.80	3.01	5.33		2.68	15.90	11.98	1.79
MSCI ACWI IMI	2.08	8.29	16.92	12.86	5.74	11.26	9.10	7.95		1.91	21.54	17.46	2.90

## INDEX RISK AND RETURN CHARACTERISTICS (JUL 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	4.29	34.06	35.49	33.51	0.81	0.39	0.08	0.32		83.98	2000-04-28–2003-03-24
MSCI Emerging Markets	5.10	17.39	18.59	17.17	-0.24	0.17	0.16	0.38		65.14	2007-10-29–2008-10-27
MSCI ACWI IMI	2.14	16.89	17.75	15.03	0.23	0.57	0.55	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

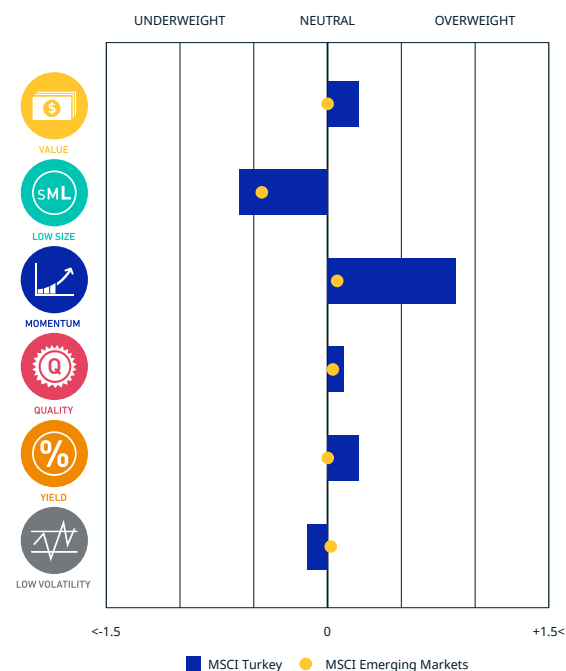
MSCI Turkey	
Number of Constituents	17
Mkt Cap (USD Millions)	
Index	58,423.03
Largest	8,603.12
Smallest	1,057.07
Average	3,436.65
Median	3,081.82

## TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
BIM BIRLESİK MAGAZALAR	8.60	14.73	Cons Staples
AKBANK	5.83	9.98	Financials
KOC HOLDING	4.94	8.46	Industrials
TURK HAVA YOLLARI	4.82	8.25	Industrials
TUPRAS TÜRKİYE PETROL	4.75	8.13	Energy
TÜRKİYE İŞ BANKASI Ç	3.96	6.79	Financials
TÜRKCELL İLETİŞİM HİZMET	3.86	6.61	Comm Svcs
SABANCI HLDG (HACİ ÖMER)	3.15	5.39	Financials
YAPI VE KREDİ BANKASI	3.08	5.28	Financials
AŞELSAN ELEKTRONİK	2.58	4.42	Industrials
Total	45.59	78.03	

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



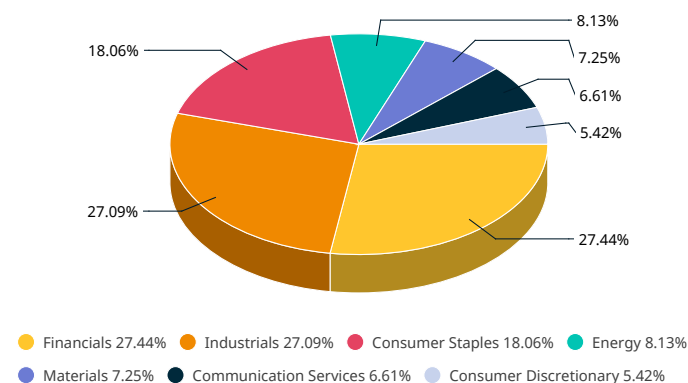
## MSCI FaCS

- 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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