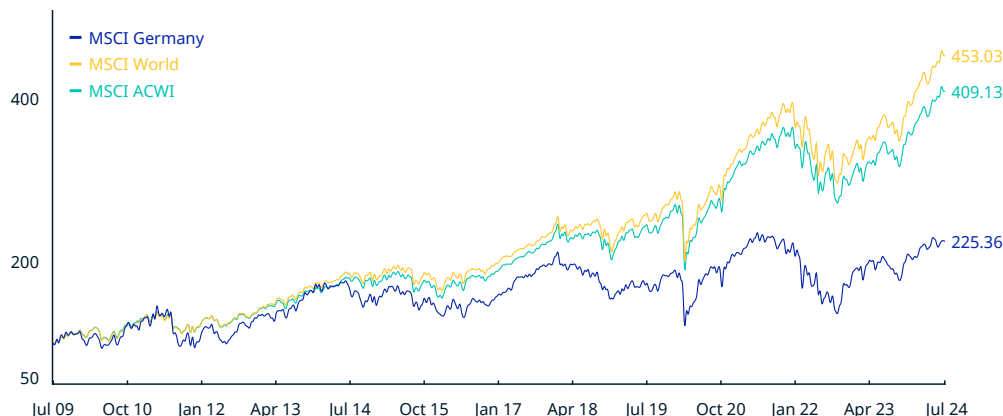


# MSCI Germany Index (USD)

The **MSCI Germany Index** is designed to measure the performance of the large and mid cap segments of the German market. With 57 constituents, the index covers about 85% of the equity universe in Germany.

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

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



## ANNUAL PERFORMANCE (%)

Year	MSCI Germany	MSCI World	MSCI ACWI
2023	22.98	23.79	22.20
2022	-22.34	-18.14	-18.36
2021	5.34	21.82	18.54
2020	11.55	15.90	16.25
2019	20.77	27.67	26.60
2018	-22.17	-8.71	-9.41
2017	27.70	22.40	23.97
2016	2.75	7.51	7.86
2015	-1.89	-0.87	-2.36
2014	-10.36	4.94	4.16
2013	31.37	26.68	22.80
2012	30.90	15.83	16.13
2011	-18.08	-5.54	-7.35
2010	8.44	11.76	12.67

## INDEX PERFORMANCE – NET RETURNS (%) (JUL 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 29, 2000
MSCI Germany	1.92	4.38	8.91	7.59	-0.30	5.70	3.29	4.30
MSCI World	1.76	8.47	18.34	13.72	6.85	12.06	9.53	6.60
MSCI ACWI	1.61	8.09	17.02	13.10	5.75	11.05	8.74	6.47

## FUNDAMENTALS (JUL 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.04	14.33	11.81	1.52
1.80	22.13	18.60	3.43
1.89	21.29	17.63	3.14

## 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 Dec 29, 2000	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Germany	2.13	22.25	23.10	19.79	-0.05	0.26	0.18	na	66.87	2000-02-29–2003-03-12
MSCI World	2.25	17.23	17.80	15.01	0.29	0.61	0.58	na	57.82	2007-10-31–2009-03-09
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

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

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

The MSCI Germany Index was launched on Mar 31, 1986. 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

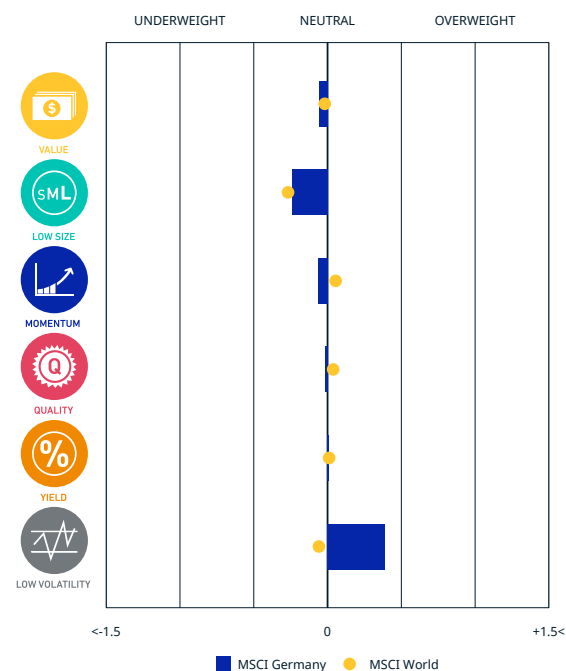
MSCI Germany	
Number of Constituents	57
Mkt Cap (USD Millions)	
Index	1,458,800.75
Largest	220,364.75
Smallest	2,759.06
Average	25,593.00
Median	14,637.96

## TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
SAP	220.36	15.11	Info Tech
SIEMENS	139.33	9.55	Industrials
ALLIANZ	110.55	7.58	Financials
DEUTSCHE TELEKOM	84.77	5.81	Comm Svcs
MUENCHENER RUECKVERSICH	67.28	4.61	Financials
MERCEDES BENZ GROUP	53.10	3.64	Cons Discr
INFINEON TECHNOLOGIES	45.29	3.10	Info Tech
DEUTSCHE POST	44.25	3.03	Industrials
BASF	41.63	2.85	Materials
ADIDAS	40.55	2.78	Cons Discr
Total	847.11	58.07	

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



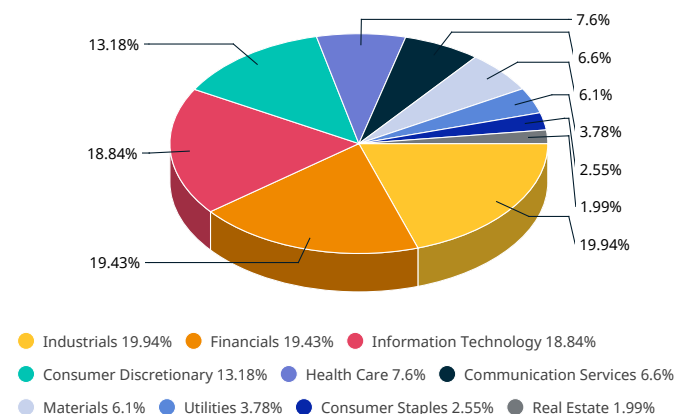
## MSCI FaCS

- 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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