

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 62 constituents, the index covers about 85% of the equity universe in Germany.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (AUG 2006 – AUG 2021)



ANNUAL PERFORMANCE (%)

Year	MSCI Germany	MSCI World	MSCI ACWI
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
2009	25.15	29.99	34.63
2008	-45.87	-40.71	-42.19
2007	35.21	9.04	11.66

INDEX PERFORMANCE – NET RETURNS (%) (AUG 31, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI Germany	1.33	-0.34	19.63	10.69	7.40	8.58	7.76	5.04	
MSCI World	2.49	5.88	29.76	17.94	14.96	14.83	12.14	6.66	
MSCI ACWI	2.50	4.57	28.64	15.91	14.34	14.29	11.27	6.67	

FUNDAMENTALS (AUG 31, 2021)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.24	14.77	14.39	1.86
1.66	23.87	19.54	3.31
1.71	22.54	18.46	3.07

INDEX RISK AND RETURN CHARACTERISTICS (AUG 31, 2021)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 29, 2000	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Germany	2.42	22.70	19.06	19.40	0.37	0.46	0.44	na	66.87	2000-02-29–2003-03-12
MSCI World	2.44	18.20	14.62	13.68	0.79	0.94	0.85	na	57.82	2007-10-31–2009-03-09
MSCI ACWI	3.17	17.94	14.46	13.78	0.77	0.91	0.79	0.39	58.38	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly net returns data

³ Based on ICE LIBOR 1M

The MSCI Germany Index was launched on Mar 31, 1986. Data prior to the launch date is back-tested data (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

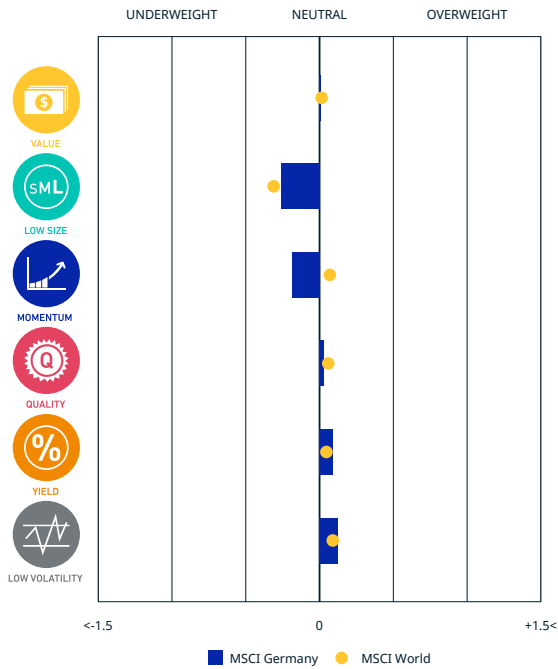
MSCI Germany	
Number of Constituents	62
Mkt Cap (USD Millions)	
Index	1,621,719.43
Largest	157,114.80
Smallest	2,921.24
Average	26,156.76
Median	15,140.79

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
SAP	157.11	9.69	Info Tech
SIEMENS	127.18	7.84	Industrials
ALLIANZ	96.84	5.97	Financials
DAIMLER	72.16	4.45	Cons Discr
BASF	71.04	4.38	Materials
DEUTSCHE TELEKOM	70.85	4.37	Comm Srvc
DEUTSCHE POST	69.72	4.30	Industrials
ADIDAS	67.53	4.16	Cons Discr
INFINEON TECHNOLOGIES	55.60	3.43	Info Tech
BAYER	54.67	3.37	Health Care
Total	842.70	51.96	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



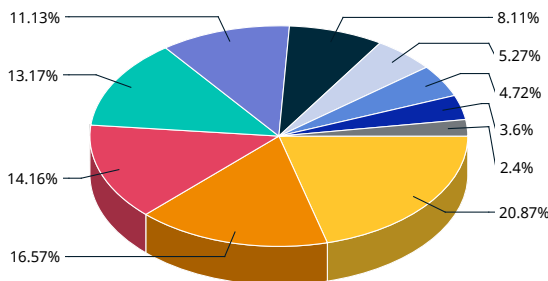
MSCI FaCS

- 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



- Consumer Discretionary 20.87%
- Industrials 16.57%
- Information Technology 14.16%
- Financials 13.17%
- Health Care 11.13%
- Materials 8.11%
- Communication Services 5.27%
- Real Estate 4.72%
- Utilities 3.6%
- Consumer Staples 2.4%

INDEX METHODOLOGY

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#) – a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) 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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