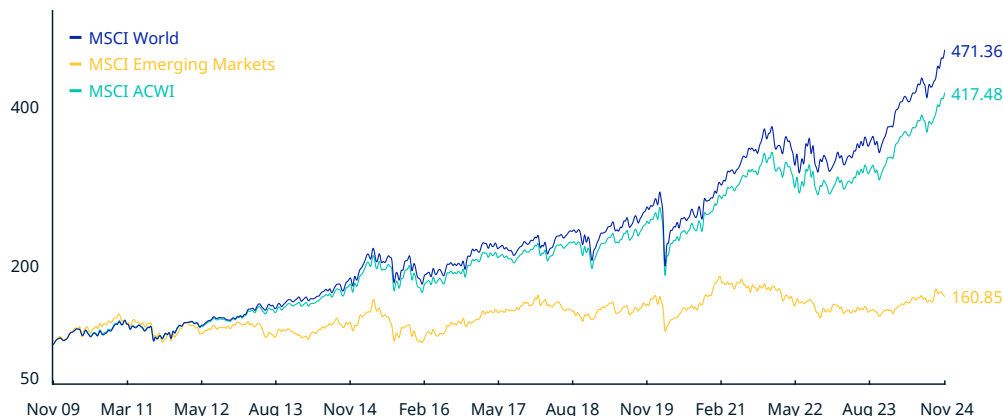


MSCI World Index (EUR)

The **MSCI World Index** captures large and mid cap representation across 23 Developed Markets (DM) countries*. With 1,397 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

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

CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (EUR) (NOV 2009 – NOV 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI World	MSCI Emerging Markets	MSCI ACWI
2023	17.64	3.42	16.02
2022	-14.19	-17.28	-14.54
2021	29.26	2.66	25.67
2020	4.64	6.28	4.89
2019	27.49	17.54	26.33
2018	-5.92	-12.43	-6.70
2017	5.50	18.01	6.82
2016	8.47	11.83	8.79
2015	8.34	-7.50	6.65
2014	17.21	8.61	16.26
2013	18.74	-9.08	15.05
2012	11.44	13.38	11.69
2011	-4.53	-17.75	-6.39
2010	17.16	24.45	18.09

INDEX PERFORMANCE – PRICE RETURNS (%) (NOV 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1998
					3 Yr	5 Yr	10 Yr		
MSCI World	7.38	9.06	30.18	25.74	9.39	11.65	9.96	5.16	
MSCI Emerging Markets	-0.97	2.77	12.88	10.19	-1.76	1.60	2.40	5.50	
MSCI ACWI	6.52	8.42	28.31	24.08	8.15	10.49	9.11	4.96	

FUNDAMENTALS (NOV 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.70	23.54	19.63	3.63
2.64	15.34	11.81	1.78
1.79	22.39	18.46	3.30

INDEX RISK AND RETURN CHARACTERISTICS (NOV 29, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 31, 1998	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World	2.36	14.13	15.47	13.84	0.56	0.72	0.73	0.32	65.24	2000-09-07–2009-03-09
MSCI Emerging Markets	5.64	13.55	15.14	14.29	-0.23	0.11	0.21	0.30	60.72	2007-10-29–2008-10-27
MSCI ACWI	2.57	13.41	14.85	13.39	0.50	0.68	0.69	0.30	63.53	2000-09-07–2009-03-09

¹ Last 12 months ² Based on monthly price returns data

³ Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI World Index was launched on Feb 27, 1970. 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

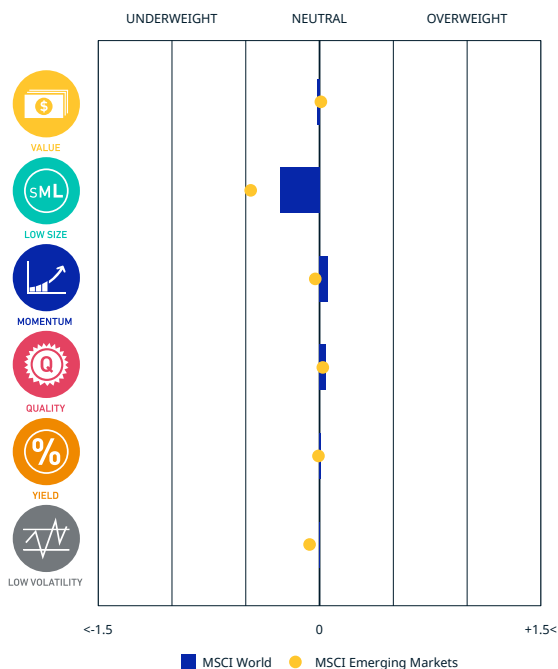
MSCI World	
Number of Constituents	1,397
Mkt Cap (EUR Millions)	
Index	67,948,705.15
Largest	3,416,396.36
Smallest	1,870.42
Average	48,639.02
Median	17,382.13

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (EUR Billions)	Index Wt. (%)	Sector
APPLE	3,416.40	5.03	Info Tech
NVIDIA	3,210.82	4.73	Info Tech
MICROSOFT CORP	2,831.11	4.17	Info Tech
AMAZON.COM	1,859.24	2.74	Cons Discr
META PLATFORMS A	1,188.37	1.75	Comm Srvc
TESLA	939.59	1.38	Cons Discr
ALPHABET A	937.21	1.38	Comm Srvc
ALPHABET C	811.37	1.19	Comm Srvc
BROADCOM	680.89	1.00	Info Tech
JPMORGAN CHASE & CO	672.69	0.99	Financials
Total	16,547.69	24.35	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



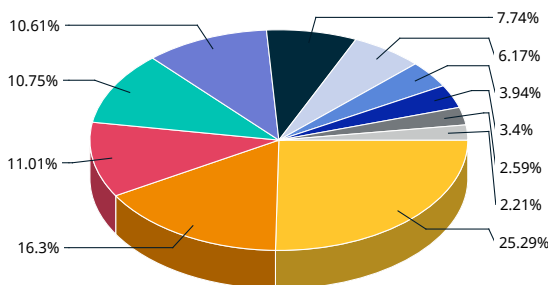
MSCI FaCS

- 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.

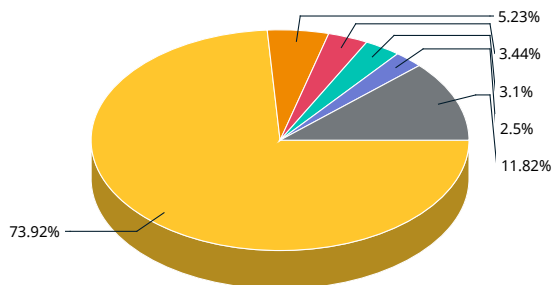
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



- Information Technology 25.29%
- Financials 16.3%
- Industrials 11.01%
- Health Care 10.75%
- Consumer Discretionary 10.61%
- Communication Services 7.74%
- Consumer Staples 6.17%
- Energy 3.94%
- Materials 3.4%
- Utilities 2.59%
- Real Estate 2.21%

COUNTRY WEIGHTS



- United States 73.92%
- Japan 5.23%
- United Kingdom 3.44%
- Canada 3.1%
- France 2.5%
- Other 11.82%

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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