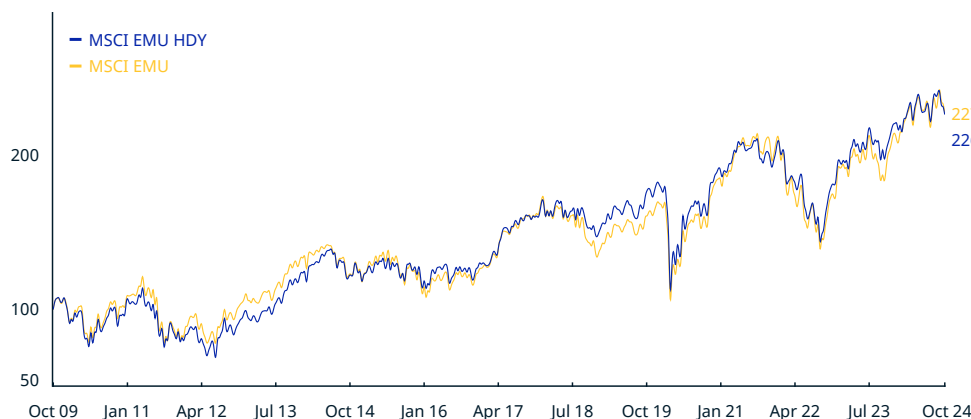


# MSCI EMU High Dividend Yield Index (USD)

The **MSCI EMU (European Economic and Monetary Union) High Dividend Yield Index** is based on MSCI EMU, its parent index, and includes large and mid cap representation across Developed Markets countries\* in the EMU. The index is designed to reflect the performance of equities in the parent index (excluding REITs) with higher dividend income and quality characteristics than average dividend yields that are both sustainable and persistent. The index also applies quality screens and reviews 12-month past performance to omit stocks with potentially deteriorating fundamentals that could force them to cut or reduce dividends.

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 EMU HDY	MSCI EMU
2023	22.10	23.85
2022	-11.48	-17.21
2021	9.36	14.27
2020	3.05	8.50
2019	22.95	24.23
2018	-7.74	-16.23
2017	24.20	28.99
2016	2.11	2.19
2015	3.36	-0.76
2014	-1.54	-7.73
2013	33.69	30.03
2012	12.15	22.49
2011	-13.68	-16.86
2010	-8.88	-3.42

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Jun 30, 1995
					3 Yr	5 Yr	10 Yr		
MSCI EMU HDY	-5.96	-1.53	15.62	2.71	4.28	5.20	6.19	8.06	
MSCI EMU	-5.93	-0.39	24.42	6.83	3.00	7.25	6.23	6.86	

## FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
5.58	8.92	8.73	1.17
3.25	14.38	12.69	1.79

## INDEX RISK AND RETURN CHARACTERISTICS (JUN 30, 1995 – OCT 31, 2024)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Jun 30, 1995	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI EMU HDY	0.94	5.65	22.53	18.58	20.54	17.52	0.12	0.23	0.33	0.36	68.01	2007-12-10—2009-03-09
MSCI EMU	1.00	0.00	3.08	20.76	21.99	18.65	0.07	0.32	0.32	0.30	64.29	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

\* Developed Market countries in the EMU include: Austria, Belgium, Finland, France, Germany, Ireland, Italy, the Netherlands, Portugal and Spain.

The MSCI EMU High Dividend Yield Index was launched on Oct 31, 2006. 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**

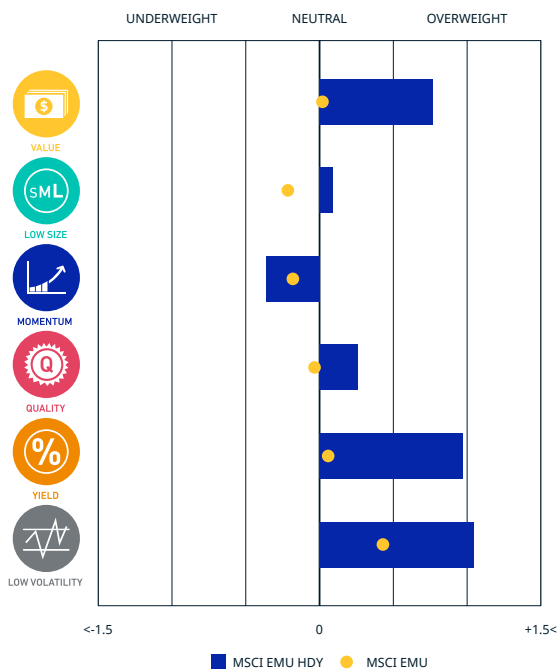
	MSCI EMU HDY	MSCI EMU
<b>Number of Constituents</b>	38	220
	Weight (%)	
<b>Largest</b>	6.02	4.88
<b>Smallest</b>	0.61	0.04
<b>Average</b>	2.63	0.45
<b>Median</b>	2.16	0.21

**TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
DANONE	FR	6.02	0.83	Cons Staples
ALLIANZ	DE	5.93	2.23	Financials
SANOFI	FR	5.92	2.18	Health Care
AXA	FR	5.58	1.23	Financials
DEUTSCHE POST	DE	5.31	0.74	Industrials
AHOLD DELHAIZE	NL	5.24	0.56	Cons Staples
ASSICURAZIONI GENERALI	IT	4.81	0.51	Financials
TOTALENERGIES	FR	4.76	2.43	Energy
MERCEDES BENZ GROUP	DE	4.26	0.82	Cons Discr
MICHELIN	FR	3.89	0.41	Cons Discr
<b>Total</b>		<b>51.73</b>	<b>11.95</b>	

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

**MSCI FACTOR BOX**



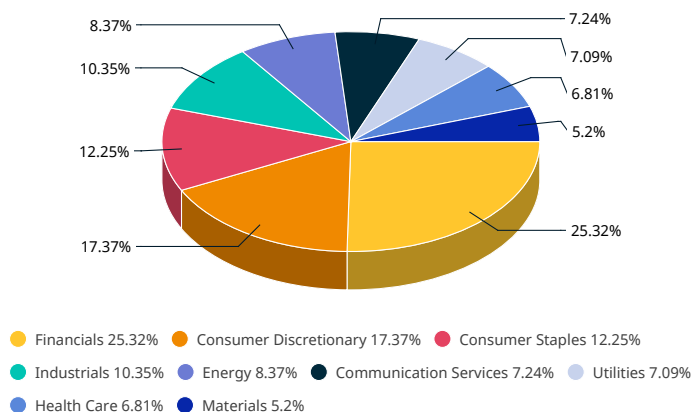
**MSCI FaCS**

- 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

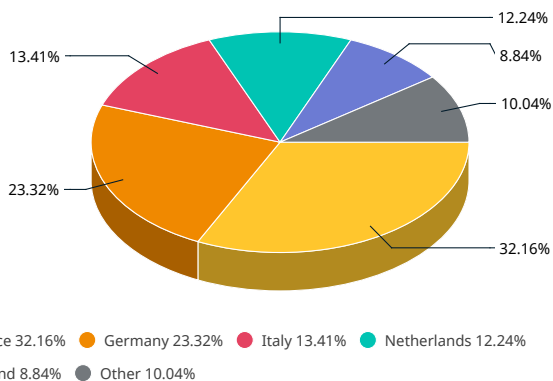
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

**SECTOR WEIGHTS**



**COUNTRY 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**

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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