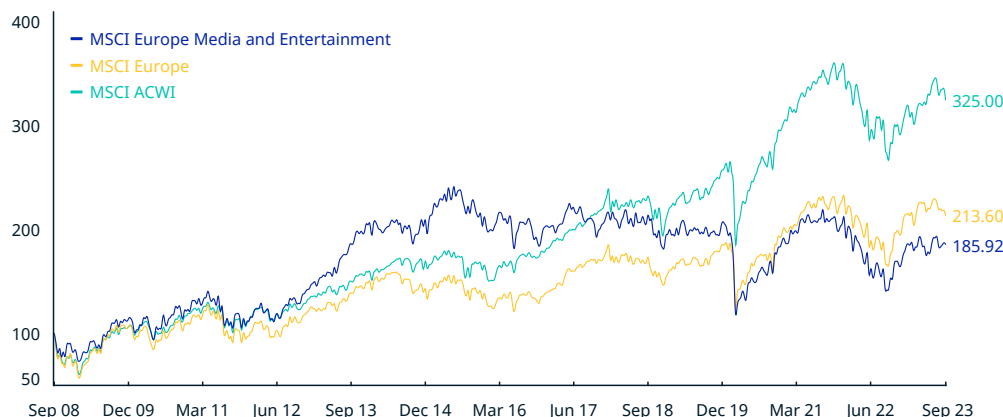


# MSCI Europe Media and Entertainment Index (USD)

The MSCI Europe Media and Entertainment Index is designed to capture the large and mid cap segments across 15 Developed Markets (DM) countries in Europe\*. All securities in the index are classified in the Media and Entertainment Industry group (within the Communication sector) as per the Global Industry Classification Standard (GICS®).

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (SEP 2008 – SEP 2023)



## ANNUAL PERFORMANCE (%)

Year	MSCI Europe Media and Entertainment	MSCI Europe	MSCI ACWI
2022	-19.81	-14.53	-17.96
2021	9.27	16.97	19.04
2020	-8.63	5.93	16.82
2019	12.01	24.59	27.30
2018	-10.30	-14.32	-8.93
2017	2.36	26.24	24.62
2016	-4.33	0.22	8.48
2015	2.19	-2.34	-1.84
2014	0.25	-5.68	4.71
2013	47.35	25.96	23.44
2012	23.46	19.93	16.80
2011	-7.77	-10.50	-6.86
2010	8.78	4.49	13.21
2009	26.67	36.81	35.41

## INDEX PERFORMANCE – GROSS RETURNS (%) (SEP 29, 2023)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 30, 1994	FUNDAMENTALS (SEP 29, 2023)			
					3 Yr	5 Yr	10 Yr			Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Europe Media and Entertainment	-0.30	2.02	32.82	11.62	5.69	-2.55	-0.04	3.60		2.64	18.37	14.52	1.88
MSCI Europe	-3.96	-4.91	29.69	8.60	7.89	4.58	4.44	7.05		3.28	13.85	11.95	1.88
MSCI ACWI	-4.10	-3.30	21.41	10.49	7.39	6.99	8.11	7.55		2.17	18.70	15.48	2.66

## INDEX RISK AND RETURN CHARACTERISTICS (SEP 29, 2023)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>				Since Dec 30, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			(%)	Period YYYY-MM-DD
MSCI Europe Media and Entertainment	7.53	20.58	22.28	18.16	0.29	-0.08	0.02	0.16		77.16	2000-02-29–2003-03-12
MSCI Europe	2.75	20.09	19.49	16.20	0.39	0.24	0.27	0.33		62.72	2007-10-31–2009-03-09
MSCI ACWI	2.49	17.09	18.12	14.50	0.40	0.37	0.53	0.39		58.06	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 Markets countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

The MSCI Europe Media and Entertainment Index was launched on Sep 15, 1999. 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

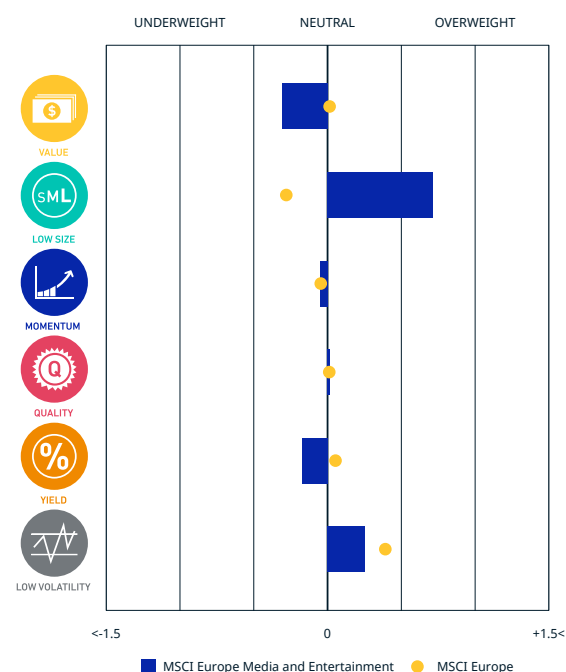
MSCI Europe Media and Entertainment	
Number of Constituents	9
Mkt Cap (USD Millions)	
Index	86,239.53
Largest	21,452.64
Smallest	2,900.29
Average	9,582.17
Median	6,924.67

## TOP 9 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
UNIVERSAL MUSIC GROUP	NL	21.45	24.88
PUBLICIS GROUPE	FR	17.39	20.16
NEW INFORMA	GB	12.82	14.86
WPP	GB	9.62	11.15
AUTO TRADER GROUP	GB	6.92	8.03
VIVENDI	FR	5.95	6.90
SCOUT24	DE	5.21	6.05
BOLLORE	FR	3.98	4.61
ADEVINTA	NO	2.90	3.36
Total		86.24	100.00

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



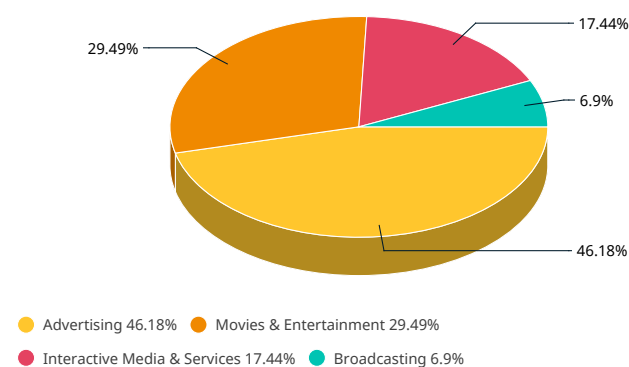
## MSCI FaCS

- 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

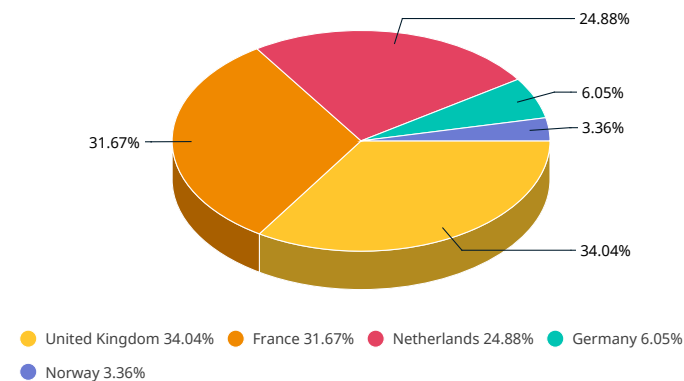
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

## SUB-INDUSTRY WEIGHTS



## COUNTRY WEIGHTS



## INDEX FRAMEWORK

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.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## 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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