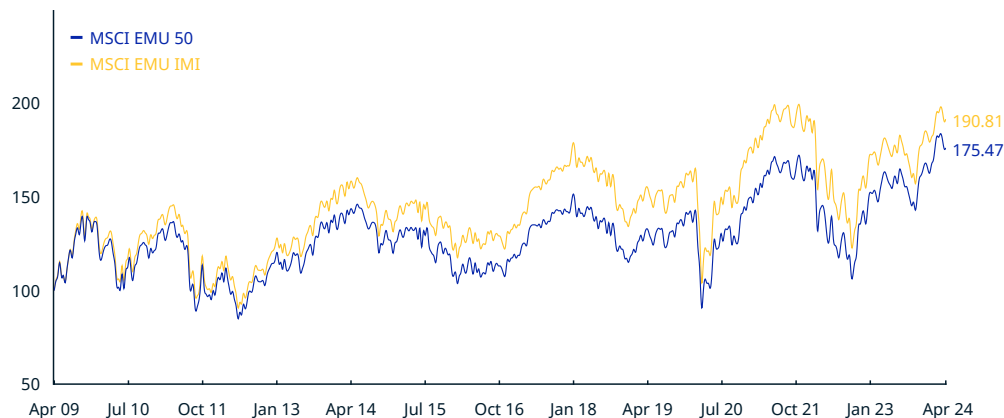


MSCI EMU 50 Index (USD)

The MSCI EMU 50 Index is a free float-adjusted market capitalization weighted index designed to track the performance of the largest 50 securities of an underlying MSCI EMU IMI Index based on their free float-adjusted market capitalization.

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

CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (USD) (APR 2009 – APR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI EMU 50	MSCI EMU IMI
2023	23.76	19.54
2022	-18.71	-20.22
2021	12.98	11.76
2020	4.40	6.72
2019	22.28	20.53
2018	-18.36	-19.25
2017	21.19	26.86
2016	-0.93	-1.22
2015	-5.62	-2.05
2014	-10.58	-10.22
2013	23.68	26.85
2012	15.63	17.73
2011	-18.57	-20.85
2010	-10.87	-5.49

INDEX PERFORMANCE – PRICE RETURNS (%) (APR 30, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2000
					3 Yr	5 Yr	10 Yr		
MSCI EMU 50	-4.28	3.58	8.78	4.81	2.63	5.74	2.02	0.25	
MSCI EMU IMI	-3.34	3.23	6.16	3.37	0.29	4.33	1.91	1.51	

FUNDAMENTALS (APR 30, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.02	14.99	13.43	2.19
3.17	14.78	12.73	1.76

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2000 – APR 30, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since May 31, 2000 (%)	MAXIMUM DRAWDOWN Period YYYY-MM-DD	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI EMU 50	1.01	2.89	6.85	21.69	23.02	19.30	0.10	0.27	0.12	0.03	64.70	2007-12-10–2009-03-09
MSCI EMU IMI	1.00	0.00	3.47	20.65	22.31	18.70	-0.02	0.21	0.11	0.09	66.10	2007-10-31–2009-03-09

¹ Last 12 months ² Based on monthly price returns data ³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

MSCI EMU 50 Index (USD)

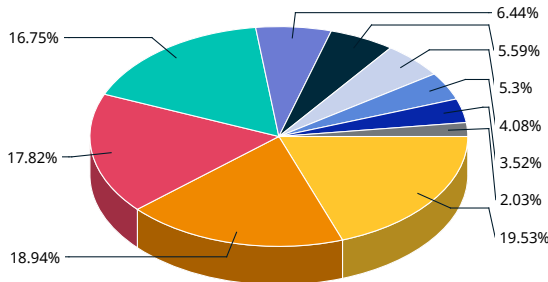
INDEX CHARACTERISTICS

	MSCI EMU 50	MSCI EMU IMI
Number of Constituents	50	623
	Weight (%)	
Largest	9.77	5.92
Smallest	0.71	0.00
Average	2.00	0.16
Median	1.48	0.03

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
ASML HLDG	NL	9.77	5.92	Info Tech
LVMH MOET HENNESSY	FR	6.22	3.77	Cons Discr
SAP	DE	5.16	3.13	Info Tech
TOTALENERGIES	FR	4.33	2.63	Energy
SIEMENS	DE	3.89	2.36	Industrials
SCHNEIDER ELECTRIC	FR	3.41	2.07	Industrials
SANOFI	FR	3.08	1.87	Health Care
L'OREAL	FR	3.08	1.87	Cons Staples
ALLIANZ	DE	3.04	1.84	Financials
AIR LIQUIDE	FR	2.81	1.70	Materials
Total		44.79	27.16	

SECTOR WEIGHTS



- Financials 19.53%
- Consumer Discretionary 18.94%
- Information Technology 17.82%
- Industrials 16.75%
- Consumer Staples 6.44%
- Health Care 5.59%
- Energy 5.3%
- Materials 4.08%
- Utilities 3.52%
- Communication Services 2.03%

The MSCI EMU 50 Index was launched on Jul 18, 2022. 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.

ABOUT MSCI

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