MSCI Europe US Dollar Hedged Index (USD)

The **MSCI Europe US Dollar Hedged Index** represents a close estimation of the performance that can be achieved by hedging the currency exposures of its parent index, the MSCI Europe Index, to the USD, the "home" currency for the hedged index. The index is 100% hedged to the USD by selling each foreign currency forward at the one-month Forward rate. The parent index is composed of large and mid cap stocks across 15 Developed Markets (DM) countries* and its local performance is calculated in 6 different currencies, including the Euro.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (JAN 2010 – JAN 2025)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Hedged to USD	MSCI Europe (Local)	MSCI Europe (USD)			
2024	9.73	7.75	1.79			
2023	17.30	14.30	19.89			
2022	-6.23	-8.54	-15.06			
2021	23.59	22.61	16.30			
2020	-0.39	-2.21	5.38			
2019	27.08	23.75	23.77			
2018	-8.20	-10.59	-14.86			
2017	14.96	13.06	25.51			
2016	8.57	7.23	-0.40			
2015	4.61	4.91	-2.84			
2014	4.75	4.66	-6.18			
2013	21.74	21.55	25.23			
2012	16.54	15.61	19.12			
2011	-9.20	-9.34	-11.06			

INDEX PERFORMANCE - NET RETURNS (%) (JAN 31, 2025)

					ANNUALIZED				
	1 M o	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since Jan 31, 2001	
MSCI Europe Hedged to USD	7.01	7.24	15.80	7.01	10.01	10.03	8.86	5.13	
MSCI Europe (Local)	6.88	6.83	13.69	6.88	7.51	7.97	6.94	4.36	
MSCI Europe (USD)	6.89	2.52	8.92	6.89	5.10	6.85	5.68	4.65	

INDEX RISK AND RETURN CHARACTERISTICS (JAN 31, 2001 – JAN 31, 2025)

	ANNUALIZED STD DEV (%) 1			SHARPE RATIO 1,2				MAXIMUM DRAWDOWN		
	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Jan 31, 2001	(%)	Period YYYY-MM-DD	
MSCI Europe Hedged to USD	12.72	15.13	13.18	0.51	0.54	0.57	0.29	54.43	2001-01-31-2003-03-12	
MSCI Europe (Local)	12.69	15.13	13.18	0.32	0.42	0.43	0.24	54.50	2007-07-16-2009-03-09	
MSCI Europe (USD)	17.97	19.52	16.55	0.14	0.31	0.30	0.24	62.99	2007-10-31-2009-03-09	
1_{Deced} an monthly not voty where data 2_{Dece}					Overnight COF	D from Con 1.0	001.0		hat data	

' Based on monthly net returns data

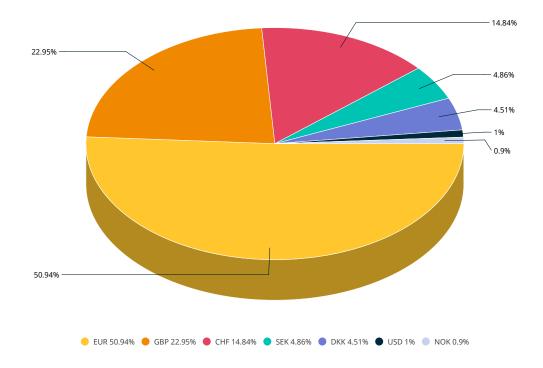
² Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* DM 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 US Dollar Hedged Index was launched on Dec 31, 1992. 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.



CURRENCY WEIGHTS (JAN 31, 2025)



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 <u>www.msci.com</u>.

The information contained herein (the "Information") may not be reproduced or redisseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information ary MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED ANY OF THE INFORMATION FOR ANY OF THE INFORMATION FOR ANY DIRECT, NOTHER DAVE ANY ULABILITY OF SUBSIDILITY OF SUBJEDIARIES OR THE INFORMATION FOR ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MACINA PANY LIABILITY OF SUBJEDIARIES OR THE INFORMATION FOR ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW,

© 2025 MSCI Inc. All rights reserved.

