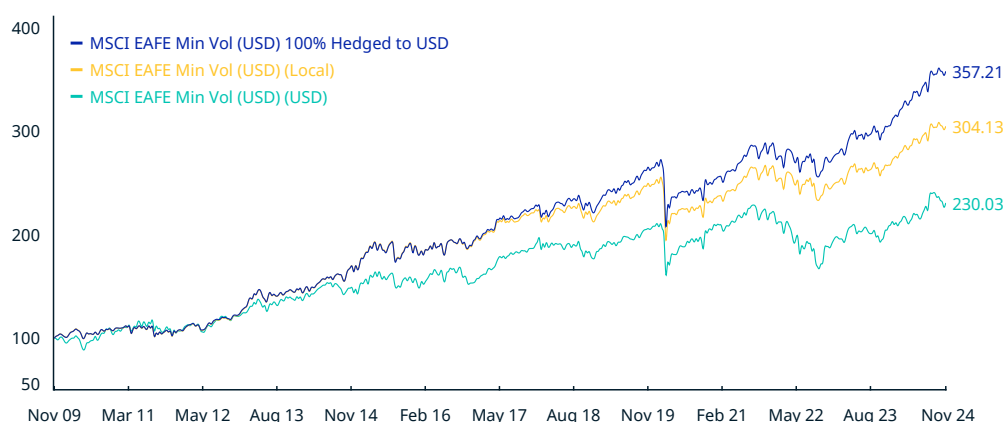


# MSCI EAFE Minimum Volatility (USD) 100% Hedged to USD Index (USD)

The MSCI EAFE Minimum Volatility (USD) 100% Hedged to USD Index represents a close estimation of the performance that can be achieved by hedging the currency exposures of its parent index, the MSCI EAFE Minimum Volatility 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 index aims to reflect the performance characteristics of a minimum variance strategy applied to the large and mid cap equity universe across Developed Markets countries\* around the world excluding the US and Canada. The index is calculated by optimizing the parent index, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to the MSCI EAFE Minimum Volatility Index.

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

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2009 – NOV 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI EAFE Min Vol (USD) 100% Hedged to USD	MSCI EAFE Min Vol (USD) (Local)	MSCI EAFE Min Vol (USD) (USD)
2023	14.10	10.42	11.81
2022	-6.29	-8.30	-14.97
2021	14.50	13.97	7.14
2020	-4.60	-5.77	0.12
2019	18.62	16.01	16.74
2018	-1.49	-3.51	-5.69
2017	15.26	13.64	21.62
2016	3.15	2.30	-1.81
2015	12.27	12.45	7.95
2014	14.51	14.83	4.65
2013	21.69	22.02	16.67
2012	12.62	12.46	11.55
2011	-1.29	-1.34	-0.74
2010	5.93	5.52	9.26

## INDEX PERFORMANCE – NET RETURNS (%) (NOV 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 31, 2004
MSCI EAFE Min Vol (USD) 100% Hedged to USD	0.96	0.10	17.89	16.02	8.72	6.25	7.78	7.87
MSCI EAFE Min Vol (USD) (Local)	0.78	-0.61	14.46	12.96	5.77	4.15	6.05	6.72
MSCI EAFE Min Vol (USD) (USD)	-0.15	-4.01	12.64	8.46	2.37	2.35	4.45	5.75

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 2004 – NOV 29, 2024)

	ANNUALIZED STD DEV (%) <sup>1</sup>			SHARPE RATIO <sup>1,2</sup>			Since Dec 31, 2004	MAXIMUM DRAWDOWN	
	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI EAFE Min Vol (USD) 100% Hedged to USD	8.33	9.90	8.86	0.61	0.42	0.69	0.67	42.34	2007-06-01–2009-03-09
MSCI EAFE Min Vol (USD) (Local)	8.29	9.91	8.88	0.27	0.22	0.51	0.55	43.04	2007-06-01–2009-03-09
MSCI EAFE Min Vol (USD) (USD)	13.56	13.49	11.48	-0.04	0.06	0.28	0.37	46.68	2007-12-11–2009-03-09

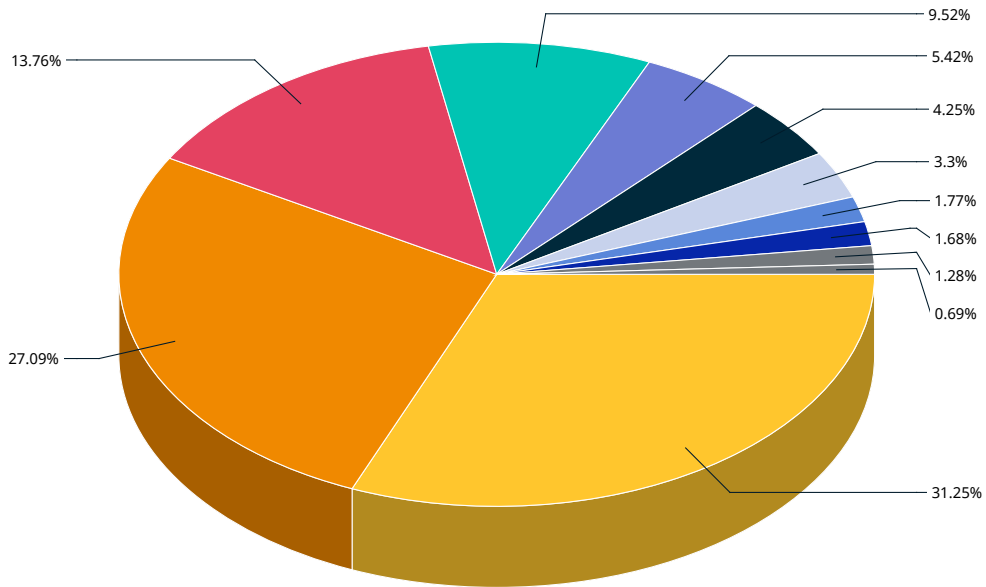
<sup>1</sup> Based on monthly net returns data

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

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

The MSCI EAFE Minimum Volatility (USD) 100% Hedged to USD Index was launched on Aug 25, 2015. 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 ( NOV 29, 2024 )**



● EUR 31.25% 
 ● JPY 27.09% 
 ● CHF 13.76% 
 ● GBP 9.52% 
 ● HKD 5.42% 
 ● SGD 4.25% 
 ● AUD 3.3% 
 ● DKK 1.77% 
 ● ILS 1.68% 
 ● USD 1.28% 
 ● Other 0.69%

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