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# CURRENCY HEDGING: A TOOL TO REDUCE RISK

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In the complex world of global investing, [currency risk](#) plays a significant role. When investors allocate funds to foreign equities, they implicitly expose themselves to foreign exchange fluctuations. [Currency hedging](#) strategies aim to mitigate this risk while preserving the original equity exposure.

At times, distinguishing risk enhancements stemming from currency movements from those originating from stock portfolios can be challenging. Within our suite of offerings, we present three distinct strategies where the equity portfolio remains the same, and the sole variation is the currency approach.

This transparency provides investors with a concise view of the impact of currency hedging. In general, whether dynamically managed or fully hedged, currency hedging has consistently reduced overall portfolio risk.

## Risk Reduction through Dynamic Currency Hedging

At WisdomTree, we employ bottom-up factor-based strategies (such as [momentum](#) and low [volatility](#)) for our active [currency hedging models](#). Over the long term, our dynamic currency model has consistently added value. While the alpha generated by the currency model may vary in shorter time periods, one consistent trend remains: dynamic currency hedging effectively reduced portfolio risk.

Let's examine two specific scenarios:

### 1. International Dividend-weighted Large-Cap ETFs:

- One of our original suites, launched in 2006, was our unhedged broad-based developed world ETF, ticker [DWM](#).
- Ten years later, in 2016, we added a dynamic hedged variation. With [DDWM](#), we observe a reduction in portfolio risk across the board.
- Notably, the value factor itself carries inherent risk. Therefore, portfolios with a value tilt can particularly benefit from currency hedging as a risk mitigation tool.

### 2. International Smaller-Cap ETFs:

- [DLS](#) was the first ETF in the industry to provide exposure to international small caps back in 2006 and was WisdomTree's largest ETF, in the first few years. At a time when the euro was trading at 1.60 to the dollar, this was one of the ETFs that gave us the idea to provide currency-hedged ETFs in the first place, with the idea stocks could offer value if one could mitigate an overly strong currency.
- The addition of dynamic currency hedging added via [DDL](#), when compared to the unhedged [DLS](#), resulted in lower portfolio risk.
- Again, the value tilt in smaller-cap portfolios underscores the value of currency hedging to reduce overall portfolio risk.

Ticker	Name	Average Annual Total Returns						
		1-Year	3-Year	5-Year	10-Year	Since Inception	Inception Date	Common Period 1/7/23-3/19/24
DLS	WisdomTree International SmallCap Dividend Fund (NAV)	14.10%	0.00%	3.28%	3.57%	5.01%	6/16/06	5.49%
DDLS	WisdomTree Dynamic Currency Hedged International SmallCap Equity Fund (NAV)	14.68%	4.29%	6.41%		7.59%	1/7/16	7.59%
DWM	WisdomTree International Equity Fund (NAV)	19.25%	5.00%	5.09%	3.81%	4.16%	6/16/06	6.29%
DDWM	WisdomTree Dynamic Currency Hedged International Equity Fund (NAV)	18.62%	8.70%	7.36%		8.17%	1/7/16	8.17%
MXEA	MSCI EAFE Index	20.41%	3.90%	6.89%	4.84%	4.07%		7.32%

Sources: FactSet, WisdomTree, as of 3/19/24. You cannot directly invest in an index.

Ticker	Name	Average Annual Volatility						
		1-Year	3-Year	5-Year	10-Year	Since Inception	Inception Date	Common Period 1/7/23-3/19/24
DLS	WisdomTree International SmallCap Dividend Fund (NAV)	15.69%	16.54%	19.16%	16.10%	18.08%	6/16/06	16.92%
DDLS	WisdomTree Dynamic Currency Hedged International SmallCap Equity Fund (NAV)	12.18%	12.67%	16.31%		14.54%	1/7/16	14.54%
DWM	WisdomTree International Equity Fund (NAV)	13.50%	15.39%	16.98%	14.51%	17.11%	6/16/06	14.92%
DDWM	WisdomTree Dynamic Currency Hedged International Equity Fund (NAV)	10.46%	11.88%	14.45%		12.76%	1/7/16	12.76%
MXEA	MSCI EAFE Index	14.37%	16.57%	17.73%	15.03%	16.73%		15.46%

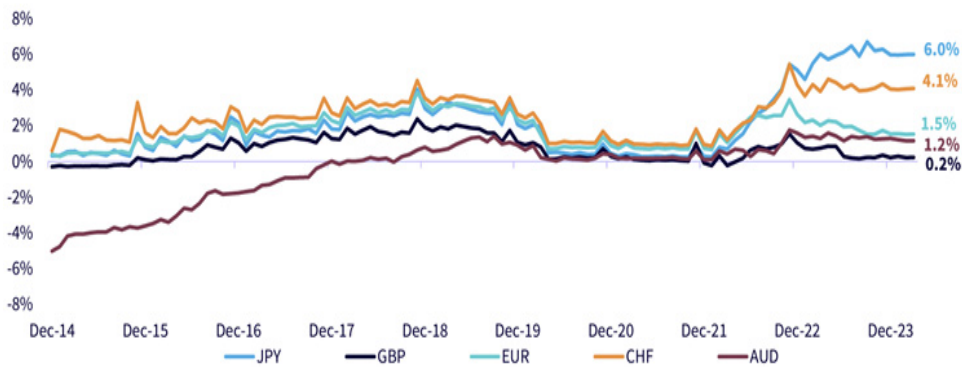
Sources: FactSet, WisdomTree, as of 2/29/24. You cannot directly invest in an index.

Past performance is not indicative of future results. Investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted.

*For the most recent month-end and standardized performance and to download the respective Fund prospectuses, click the relevant ticker: [DLS](#), [DDLS](#), [DWM](#), [DDWM](#).*

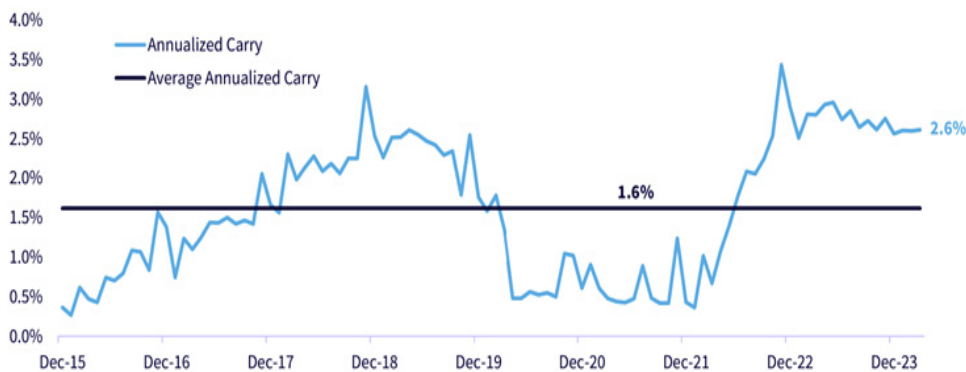
Investors Paid to Hedge in Many Currencies

Annualized Carry by Currency



JPY = Japanese Yen. GBP = Great Britain Pound. EUR = Euro. CHF = Swiss Franc. AUD = Australian Dollar.

### MSCI EAFE Annualized Carry



Sources: WisdomTree, MSCI. Carry measures the interest rate differential between the U.S. and foreign currencies embedded in the difference in spot and forward FX rates. Carry by currency beginning on 12/31/14. MSCI EAFE Index carry beginning 12/31/15. You cannot directly invest in an index.

In the current geopolitical environment, adding a weak dollar bet via your foreign equity exposures is no longer necessarily the best baseline allocation. Rather, a strong dollar could become a headwind to U.S. earnings—and so adding more long U.S. dollar exposures is a [more interesting diversifier](#).

Currently, even as the U.S. is expected to lower interest rates, the 2.6% interest rate differential (carry) earned by hedging will be lowered but continue to be positive for a while.

### Dynamic Currency Model Now More Momentum Driven

Historically, momentum tends to be the strongest factor in currency hedging. Our revamped dynamic currency model has about 60% weight in the momentum factor for both developed and [emerging markets](#).

For the international developed universe, the weight of the momentum factor is higher from 2023, resulting in more varied hedge ratios. However, the currency overlay continued to reduce portfolio risk after the revamp, even as more momentum was introduced for the hedge ratio itself.

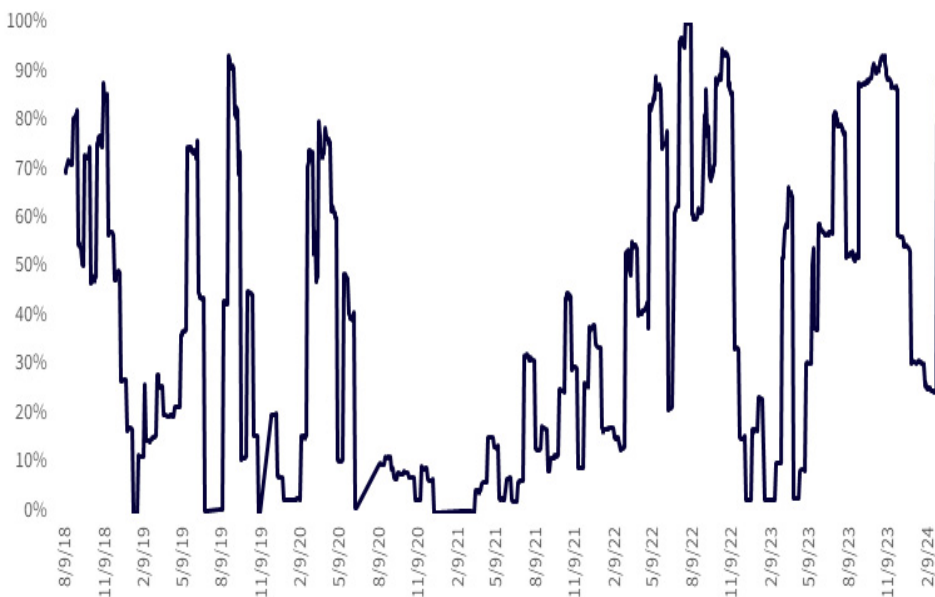
### Portfolio Hedge Ratio Over Time



Sources: FactSet, WisdomTree, 1/6/16-3/4/24.

Prior to the revamp, the dynamic emerging markets currency model also heavily relied on the momentum factor. Consequently, the volatility of the portfolio hedge ratio was similar before and after 2023.

**Emerging Market Multifactor Fund (EMMF) Hedge Ratio**



Sources: FactSet, WisdomTree, 8/9/18-3/4/24.

In summary, the risk reduction of currency hedging was evident across the board, in our other currency-hedged strategies, such as the [WisdomTree Japan Hedged Equity Fund \(DXJ\)](#), the [WisdomTree International Hedged Quality Dividend Growth Fund \(IHDG\)](#), the dynamic currency hedging [WisdomTree International Multifactor \(DWMF\)](#) and [Emerging Markets Multifactor \(EMMF\)](#) Funds.

Macro currency calls are harder to incorporate into a systematic portfolio, thus in most active currency spaces, we've stuck with a factor-based active model to capture some benefits of dynamic currency hedging. And we recommend clients consider some exposure to

currency hedging strategies to reduce portfolio risk in this uncertain environment.

### Important Risks Related to this Article

There are risks associated with investing, including the possible loss of principal. Foreign investing involves special risks, such as risk of loss from currency fluctuation or political or economic uncertainty.

**DWM:** Funds focusing their investments on certain sectors increase their vulnerability to any single economic or regulatory development. This may result in greater share price volatility. Please read the Fund's prospectus for specific details regarding the Fund's risk profile.

**DDWM:** The Fund invests in derivatives in seeking to obtain a dynamic currency hedge exposure. Derivative investments can be volatile, and these investments may be less liquid than other securities, and more sensitive to the effects of varied economic conditions. Derivatives used by the Fund may not perform as intended. A Fund that has exposure to one or more sectors may be more vulnerable to any single economic or regulatory development. This may result in greater share price volatility. The composition of the Index underlying the Fund is heavily dependent on quantitative models and data from one or more third parties, and the Index may not perform as intended. The Fund invests in the securities included in, or representative of, its Index regardless of their investment merit, and the Fund does not attempt to outperform its Index or take defensive positions in declining markets. Please read the Fund's prospectus for specific details regarding the Fund's risk profile.

**DLS:** Funds focusing their investments on certain sectors and/or smaller companies increase their vulnerability to any single economic or regulatory development. This may result in greater share price volatility. Dividends are not guaranteed, and a company currently paying dividends may cease paying dividends at any time. Please read the Fund's prospectus for specific details regarding the Fund's risk profile.

**DDLs:** The Fund invests in derivatives in seeking to obtain a dynamic currency hedge exposure. Derivative investments can be volatile, and these investments may be less liquid than other securities, and more sensitive to the effects of varied economic conditions. Derivatives used by the Fund may not perform as intended. A Fund that has exposure to one or more sectors may be more vulnerable to any single economic or regulatory development. This may result in greater share price volatility. The composition of the Index underlying the Fund is heavily dependent on quantitative models and data from one or more third parties, and the Index may not perform as intended. The Fund invests in the securities included in, or representative of, its Index regardless of their investment merit, and the Fund does not attempt to outperform its Index or take defensive positions in declining markets. Please read the Fund's prospectus for specific details regarding the Fund's risk profile.

For the top 10 holdings of DWM please visit the Fund's fund detail page at <https://www.wisdomtree.com/investments/etfs/equity/dwm>

For the top 10 holdings of DDWM please visit the Fund's fund detail page at <https://www.wisdomtree.com/investments/etfs/equity/ddwm>

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For the top 10 holdings of DDLs please visit the Fund's fund detail page at <https://www.wisdomtree.com/investments/etfs/equity/ddls>

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For standardized performance and the most recent month-end performance click [here](#) NOTE, this material is intended for electronic use only. Individuals who intend to print and physically deliver to an investor must print the monthly performance report to accompany this blog.

#### Related Blogs

+ [Bond Diversification Is Falling: Portfolio Implications](#)

#### Related Funds

+ [WisdomTree International Equity Fund](#)

+ [WisdomTree Dynamic Currency Hedged International Equity Fund](#)

+ [WisdomTree International SmallCap Dividend Fund](#)

+ [WisdomTree Dynamic Currency Hedged International SmallCap Equity Fund](#)

+ [WisdomTree Japan Hedged Equity Fund](#)

+ [WisdomTree International Hedged Quality Dividend Growth Fund](#)

+ [WisdomTree International Multifactor Fund](#)

+ [WisdomTree Emerging Markets Multifactor Fund](#)

For more investing insights, check out our [Economic & Market Outlook](#)

View the online version of this article [here](#).

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## DEFINITIONS

**Currency risk**: the risk that an investment will decline in value due to a change in foreign exchange rates.

**Currency hedging**: Strategies designed to mitigate the impact of currency performance on investment returns.

**Momentum**: Characterized by assets with recent price increase trends over time. This term is also associated with the Momentum Factor which associates these stock characteristics with excess return vs the market over time.

**Volatility**: A measure of the dispersion of actual returns around a particular average level.&nbsp;

**Emerging market**: Characterized by greater market access and less potential for operational risks when compared to frontier markets, which leads to a larger base of potentially eligible investors.