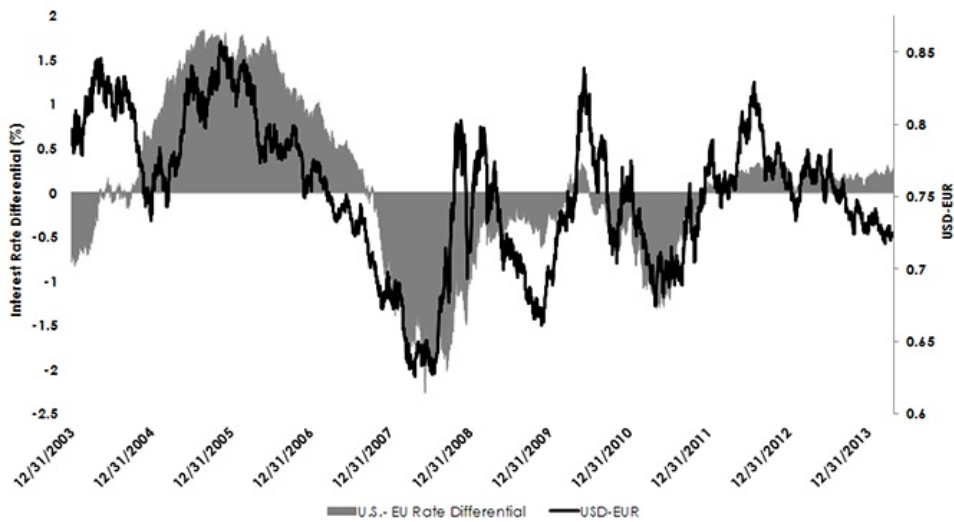


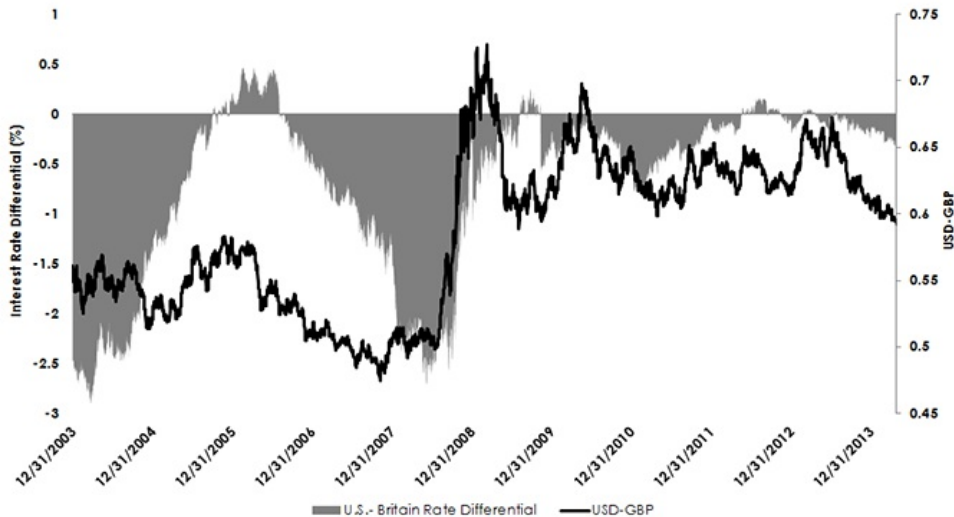
# RISING RATES AND THE U.S. DOLLAR

Bradley Krom — Head of U.S. Research  
07/14/2014

While [interest rates](#) in the U.S. have fallen so far year-to-date, we continue to believe that rates may be poised to rise in the second half of 2014. Over the last several weeks, we have seen increased interest from clients about how best to prepare their portfolios for an eventual rise in U.S. interest rates. While many investors understand the direct implications rising rates will have on their bond portfolios, one less-probed topic stems from what impact rising rates will have on the value of the U.S. dollar. With the increased popularity of currency-hedged equity strategies, the impact that currencies can have on investor total returns is beginning to crop up on more investors' radar. In the remainder of this piece, we will examine the historical relationship between interest rate differentials between countries and the impact on their exchange rates. Although interest rate differentials are only one potential determinant of the value of a currency, we believe that rising rates in the U.S. will ultimately lead to an appreciation of the U.S. dollar against a basket of low-yielding developed market currencies. As shown in the tables below, rising interest rates have tended to support currency appreciation compared to lower-yielding currencies. While the relationship is far from linear, the graphs do show that as interest rates (represented by the shaded portion) in the U.S. rise compared to foreign interest rates, the value of the dollar (represented by the black line) tends to appreciate. Interestingly, as rates have fallen so far this year, the dollar has also weakened marginally against a large number of foreign currencies, particularly in emerging markets. **Interest Rate Differentials and Exchange Rates, 12/31/03–5/31/14 U.S. & Eurozone: 2-Year Interest Rate Differentials vs.**

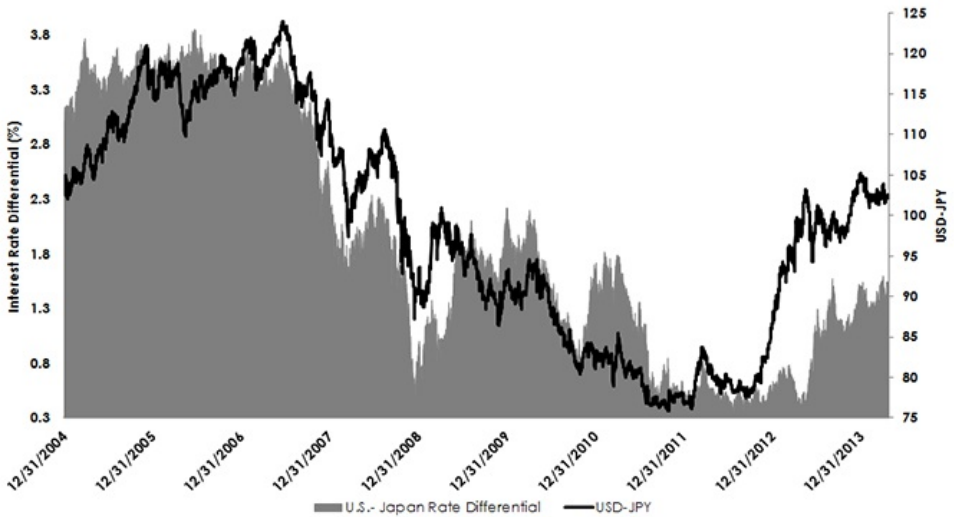


Exchange Rates Britain: 2- Year Interest Rate Differentials vs. Exchange Rates U.S. & Rates



Interest Rate Differentials vs. Exchange Rates

U.S. & Japan: 5-Year Rates



Sources: Bloomberg, WisdomTree, as of 5/31/14. Past performance is not indicative of future results.

This phenomenon can largely be explained by the change in the relative costs associated with holding foreign currencies against the dollar. In countries where the interest rate differential is positive, these currencies tend to attract capital to take advantage of higher interest rates compared to lower-yielding alternatives. As we have noted previously on our [blog](#), the costs associated with hedging a foreign currency are primarily driven by these relative interest rate differentials. **Swings in the Central Bank Policy Pendulum** While relative interest rates can often explain a large percentage of relative moves in currencies, these differences are clearly not the only determinant over time. As various pieces of economic or trade data are released, traders attempt to adjust their positioning and prices to account for new information. Currencies react to supply and demand. Recently, the currency markets had to digest a great deal of posturing by central bankers. On June 5, European Central Bank (ECB) president Mario Draghi announced new initiatives to inject [liquidity](#) into the eurozone via negative deposit rates. As a result, the euro weakened against the U.S. dollar. In Great Britain, Bank of England (BOE) governor Mark Carney warned that rates may rise “sooner than markets currently expect.” As a result, the British pound rose in value compared to the U.S. dollar. In both instances, potential changes in the economic outlook and the outlook for [monetary policy](#) had a strong impact on the value of the currencies against one another. In our view, the Federal Reserve and BOE are in a dead heat for who will hike rates first in 2015. In the case of Europe, we believe that a primary objective of ECB policy going forward will be to weaken the euro in order to help the European economy grow via cheaper exports. Ultimately, we believe investors will continue to take a greater interest in the role that currency plays on their increasingly global portfolios. As this awareness increases, we believe that many will seek to express these views through currency and currency-hedged equity exchange-traded funds.

Important Risks Related to this Article

Foreign investing involves special risks, such as risk of loss from currency fluctuation or political or economic uncertainty. Investments focused in Europe are increasing the impact of events and developments associated with the region, which can adversely affect performance.

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

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

## **IMPORTANT INFORMATION**

**U.S. investors only: Click [here](#) to obtain a WisdomTree ETF prospectus which contains investment objectives, risks, charges, expenses, and other information; read and consider carefully before investing.**

There are risks involved with investing, including possible loss of principal. Foreign investing involves currency, political and economic risk. Funds focusing on a single country, sector and/or funds that emphasize investments in smaller companies may experience greater price volatility. Investments in emerging markets, currency, fixed income and alternative investments include additional risks. Please see prospectus for discussion of risks.

Past performance is not indicative of future results. This material contains the opinions of the author, which are subject to change, and should not to be considered or interpreted as a recommendation to participate in any particular trading strategy, or deemed to be an offer or sale of any investment product and it should not be relied on as such. There is no guarantee that any strategies discussed will work under all market conditions. This material represents an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results. This material should not be relied upon as research or investment advice regarding any security in particular. The user of this information assumes the entire risk of any use made of the information provided herein. Neither WisdomTree nor its affiliates, nor Foreside Fund Services, LLC, or its affiliates provide tax or legal advice. Investors seeking tax or legal advice should consult their tax or legal advisor. Unless expressly stated otherwise the opinions, interpretations or findings expressed herein do not necessarily represent the views of WisdomTree or any of its affiliates.

The MSCI information may only be used for your internal use, may not be reproduced or re-disseminated in any form and may not be used as a basis for or component of any financial instruments or products or indexes. None of the MSCI information 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. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each entity involved in compiling, computing or creating any MSCI information (collectively, the "MSCI Parties") expressly disclaims all warranties. With respect to this information, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including loss profits) or any other damages ([www.msci.com](http://www.msci.com))

Jonathan Steinberg, Jeremy Schwartz, Rick Harper, Christopher Gannatti, Bradley Krom, Tripp Zimmerman, Michael Barrer, Anita Rausch, Kevin Flanagan, Brendan Loftus, Joseph Tenaglia, Jeff Weniger, Matt Wagner, Alejandro Saltiel, Ryan Krystopowicz, Kara Marciscano, Jianing Wu and Brian Manby are registered representatives of Foreside Fund Services, LLC.

WisdomTree Funds are distributed by Foreside Fund Services, LLC, in the U.S. only.

You cannot invest directly in an index.

## DEFINITIONS

**Interest rates** : The rate at which interest is paid by a borrower for the use of money.

**Liquidity** : The degree to which an asset or security can be bought or sold in the market without affecting the asset's price. Liquidity is characterized by a high level of trading activity. Assets that can be easily bought or sold are known as liquid asset.

**Monetary policy** : Actions of a central bank or other regulatory committee that determine the size and rate of growth of the money supply, which in turn affects interest rates.