Bloomberg US Dollar Forward Index (BBDXF)

Overview

The Bloomberg US Dollar Forward Index (BBDXF) is the excess return version of the Bloomberg US Dollar Spot Index (BBDXY). It is generated by entering into a basket of 1-month short currency forward positions, which are rolled at expiry. This document intends to provide an indicative summary of the index. Please see here for the full methodology.

The index represents both developed and emerging market currencies that have the highest liquidity in the currency markets and the biggest trade flows with the U.S. The annually updated composition and diversified representation of currencies aims to provide a global measure of the U.S. Dollar.

Index Summary

Rebalancing Annual. The Index rebalances once a year on the last business day of June.

Allocation Trade (33%) - Federal Reserve Survey of major trading partners versus the U.S. Dollar.

Liquidity (66%) - Bank for International Settlements (BIS) Triennial Central Bank Survey of Foreign exchange

turnover.

Constituents Index constituents are a set of top currencies based on trading and liquidity. The weightings of index constituents

are a function of both trading and liquidity. (see Fig. 2 below).

Exclusions Currencies pegged to the US Dollar.

Exceptions Offshore Chinese Renminbi (CNH) has its exposure capped to 7%.

Notable changes in the 2024 Rebalance

There was no change to the ranking order of currencies in the index.

EUR remained the highest weight, increasing by 0.08% to 30.50%.

CHF, KRW, and SGD all had their weights decreased, with the largest decrease being JPY at -0.14%.

Composition Effective after the close of June 28, 2024, see Fig.1 below.

| Currency | Region | 2024 Weight | 2023 Weight | Difference | | |
|---------------------------|--------|-------------|-------------|------------|--------|--|
| Euro | EUR | EMEA | 30.50% | 30.42% | +0.08% | |
| Japanese Yen | JPY | APAC | 14.45% | 14.59% | -0.14% | |
| British Pound Sterling | GBP | EMEA | 11.45% | 11.44% | +0.01% | |
| Canadian Dollar | CAD | AMER | 9.87% | 9.86% | +0.01% | |
| Offshore Chinese Renminbi | CNH | APAC | 7.00% | 7.00% | +0.00% | |
| Mexican Peso | MXN | AMER | 6.74% | 6.66% | +0.08% | |
| Australian Dollar | AUD | APAC | 5.24% | 5.22% | +0.02% | |
| Swiss Franc | CHF | EMEA | 5.01% | 5.07% | -0.06% | |
| South Korean Won | KRW | APAC | 2.84% | 2.85% | -0.01% | |
| Singapore Dollar | SGD | APAC | 2.55% | 2.61% | -0.06% | |
| Indian Rupee | INR | APAC | 2.45% | 2.40% | +0.05% | |
| Taiwan Dollar | TWD | APAC | 1.91% | 1.88% | +0.03% | |

Fig. 1

Rankings Effective after the close of June 28, 2024.

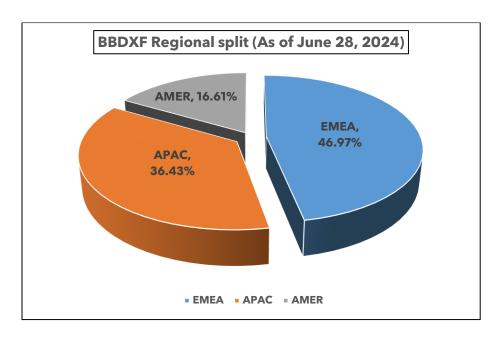
- Liquidity ranking remained the same and will remain so until the next BIS survey due in 2025.
- Trade ranking changed slightly from 2023 with Mexico increasing to 2nd rank swapping places with Offshore Chinese Renminbi (CNH) which dropped to 3rd.
- Swiss Franc dropped a rank to 9th and Indian Rupee gained one place from 9th to 8th, leaving all other rankings unchanged.

| Currency | Region | 2024 Weight | Liquidity Rank * | Trade Rank ** | | |
|-------------------------------|---------------------------|-------------|------------------|---------------|----|--|
| Euro EUR | | EMEA | 30.50% | 1 | 1 | |
| Japanese Yen | panese Yen JPY | | 14.45% | 2 | 5 | |
| British Pound Sterling | ritish Pound Sterling GBP | | 11.45% | 3 | 6 | |
| Canadian Dollar | Canadian Dollar CAD | | 9.87% | 6 | 4 | |
| Offshore Chinese Renminbi CNH | | APAC | 7.00% | 4 | 3 | |
| Mexican Peso | MXN | AMER | 6.74% | 15 | 2 | |
| Australian Dollar | AUD | APAC | 5.24% | 5 | 16 | |
| Swiss Franc | CHF | EMEA | 5.01% | 7 | 9 | |
| South Korean Won KRW | | APAC | 2.84% | 11 | 7 | |
| Singapore Dollar SGD | | APAC | 2.55% | 9 | 12 | |
| Indian Rupee | INR | APAC | 2.45% | 14 | 8 | |
| Taiwan Dollar TWD | | APAC | 1.91% | 16 | 10 | |

Fig. 2 *BIS 2022 ** Fed Res 2024

Regional Split Effective after the close of June 28, 2024.

- Currencies from Asia-Pacific region constitute 36.43%, a slight decrease from 36.55% in 2023.
- This decrease was split between +0.04% gain in European currencies, which remaining the largest weight at 46.97%, and the Americas region gain of +0.09%, comprising the Canadian dollar and Mexican peso.



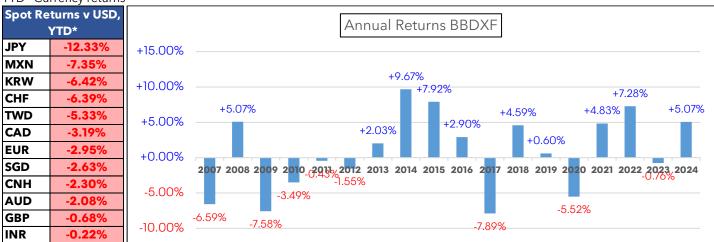
Historical Performance Effective after the close of June 28, 2024.

- The BBDXF has returned 5.07% year to date.
- Year to date, the Japanese Yen (JPY) underperformed the most against the U.S. Dollar (USD) at -12.33%.

Annual Returns BBDXF (by Month)

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Return |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| 2007 | +1.22% | -0.86% | -0.72% | -1.37% | +0.61% | -0.27% | -1.18% | +0.18% | -3.45% | -1.75% | +0.16% | +0.71% | -6.59% |
| 2008 | -1.76% | -2.02% | -1.90% | +0.70% | +0.08% | -0.38% | +0.56% | +4.81% | +2.66% | +6.88% | +1.23% | -5.32% | +5.07% |
| 2009 | +4.37% | +2.72% | -3.03% | -1.72% | -6.75% | +0.96% | -2.47% | -0.02% | -1.91% | -0.70% | -2.12% | +3.34% | -7.58% |
| 2010 | +1.19% | +0.60% | +0.26% | +0.44% | +4.60% | -0.86% | -4.75% | +1.42% | -4.91% | -1.98% | +3.94% | -3.00% | -3.49% |
| 2011 | -0.97% | -1.15% | -1.00% | -3.93% | +1.58% | -0.37% | -1.48% | +0.82% | +6.03% | -3.23% | +1.99% | +1.67% | -0.43% |
| 2012 | -1.92% | -0.22% | +0.53% | -0.55% | +4.57% | -1.88% | +0.40% | -1.18% | -1.47% | +0.14% | +0.29% | -0.10% | -1.55% |
| 2013 | -0.06% | +2.64% | +0.48% | -1.09% | +2.61% | +0.22% | -1.38% | +0.72% | -2.50% | -0.13% | +0.82% | -0.21% | +2.03% |
| 2014 | +0.98% | -1.56% | -0.14% | -0.79% | +0.27% | -0.81% | +1.74% | +0.76% | +3.81% | +0.89% | +2.22% | +2.04% | +9.67% |
| 2015 | +2.92% | +0.39% | +2.45% | -3.00% | +2.21% | -1.07% | +2.15% | -0.20% | +0.48% | -0.21% | +2.30% | -0.60% | +7.92% |
| 2016 | +1.50% | -1.79% | -3.80% | -1.92% | +3.47% | -1.19% | -0.40% | +0.72% | -0.46% | +2.28% | +3.71% | +1.05% | +2.90% |
| 2017 | -2.62% | +0.55% | -1.06% | -0.62% | -1.40% | -1.12% | -2.53% | +0.06% | +0.66% | +1.72% | -1.36% | -0.38% | -7.89% |
| 2018 | -3.51% | +1.45% | -0.59% | +2.06% | +2.07% | +1.09% | -0.25% | +0.87% | +0.26% | +1.97% | +0.04% | -0.81% | +4.59% |
| 2019 | -1.15% | +0.93% | +0.90% | +0.31% | +0.57% | -1.41% | +2.02% | +0.70% | +0.37% | -1.87% | +1.23% | -1.90% | +0.60% |
| 2020 | +1.01% | +1.13% | +2.63% | -0.38% | -0.88% | -0.77% | -3.49% | -1.44% | +1.41% | -0.26% | -2.28% | -2.15% | -5.52% |
| 2021 | +0.81% | +0.46% | +1.72% | -1.72% | -1.23% | +2.12% | -0.16% | +0.51% | +1.56% | -0.38% | +1.73% | -0.59% | +4.83% |
| 2022 | +0.88% | -0.22% | +1.21% | +4.37% | -1.36% | +2.79% | +0.59% | +2.44% | +3.34% | -0.09% | -4.85% | -1.71% | +7.28% |
| 2023 | -1.68% | +2.84% | -1.78% | -0.13% | +1.82% | -0.75% | -1.06% | +1.93% | +2.23% | +0.85% | -2.82% | -2.01% | -0.76% |
| 2024 | +2.22% | +0.66% | +0.33% | +1.73% | -1.05% | +1.09% | | | | | | | +5.07% |





^{*}Year to date as of, June 28, 2024

Disclaimer

BLOOMBERG, BLOOMBERG INDICES and the Bloomberg Currency Indices (the "Indices") are trademarks or service marks of Bloomberg Finance L.P. Bloomberg Finance L.P. and its affiliates, including Bloomberg Index Services Limited, the administrator of the Indices (collectively, "Bloomberg") or Bloomberg's licensors own all proprietary rights in the Indices. Bloomberg does not guarantee the timeliness, accuracy or completeness of any data or information relating to the Indices. Bloomberg makes no warranty, express or implied, as to the Indices or any data or values relating thereto or results to be obtained therefrom, and expressly disclaims all warranties of merchantability and fitness for a particular purpose with respect thereto. It is not possible to invest directly in an Index. Back-tested performance is not actual performance. Past performance is not an indication of future results. To the maximum extent allowed by law, Bloomberg, its licensors, and its and their respective employees, contractors, agents, suppliers and vendors shall have no liability or responsibility whatsoever for any injury or damages - whether direct, indirect, consequential, incidental, punitive or otherwise - arising in connection with the Indices or any data or values relating thereto - whether arising from their negligence or otherwise. This document constitutes the provision of factual information, rather than financial product advice. Nothing in the Indices shall constitute or be construed as an offering of financial instruments or as investment advice or investment recommendations (i.e., recommendations as to whether or not to "buy", "sell", "hold", or to enter or not to enter into any other transaction involving any specific interest or interests) by Bloomberg or a recommendation as to an investment or other strategy by Bloomberg. Data and other information available via the Indices should not be considered as information sufficient upon which to base an investment decision. All information provided by the Indices is impersonal and not tailored to the needs of any person, entity or group of persons. Bloomberg does not express an opinion on the future or expected value of any security or other interest and do not explicitly or implicitly recommend or suggest an investment strategy of any kind. Customers should consider obtaining independent advice before making any financial decisions. © 2024 Bloomberg. All rights reserved. This document and its contents may not be forwarded or redistributed without the prior consent of Bloomberg.

The BLOOMBERG TERMINAL service and Bloomberg data products (the "Services") are owned and distributed by Bloomberg Finance L.P. ("BFLP") except (i) in Argentina, Australia and certain jurisdictions in the Pacific islands, Bermuda, China, India, Japan, Korea and New Zealand, where Bloomberg L.P. and its subsidiaries distribute these products, and (ii) in Singapore and the jurisdictions serviced by Bloomberg's Singapore office, where a subsidiary of BFLP distributes these products.

The data included in these materials are for illustrative purposes only. ©2024 Bloomberg.

Take the next step.

For additional information, please contact the Bloomberg Help Desk or log into the Customer Service Center at

bloomberg.com/indices

Beijing +86 10 6649 7500

Dubai +971 4 364 1000

Frankfurt +49 69 9204 1210

Hong Kong +852 2977 6000 London

London +44 20 7330 7500 Mumbai +91 22 6120 3600 +1 212 318 2000 **San Francisco** +1 415 912 2960 **São Paulo**

+55 11 2395 9000

New York

Singapore +65 6212 1000 **Sydney**

+61 2 9777 8600

Tokyo +81 3 4565 8900