

# HSBC Vantage5<sup>®</sup> Index

The HSBC Vantage5 Index is designed to track a strategic combination of ETFs on US and Emerging Market Equities, Bonds, Real Assets, Inflation and Cash to deliver diversified market growth potential in a low volatility index. The Index aims to achieve above average returns while guarding against a degree of losses during market downturns.

As of March 29, 2019

## HSBC Vantage5 Performance

1 Year Return	-3.0%
3 Year Return	12.0%
5 Year Return	22.8%
Annualized Volatility*	7.7%

\*Data from Aug '11 thru Mar '19 calculated on a per annum percentage basis. See "Use of simulated returns."

Source: Bloomberg and HSBC See "Risks relating to the index" and "Important information"

Note: All levels provided in the table prior to March 15, 2017 are simulated and must be considered illustrative only.

## Strategy in brief

- » **Performance momentum** - The HSBC Vantage5 Index uses a rules-based methodology to capture performance and maximize risk-adjusted returns. Each month, the Index composition is made up of a portfolio of investment constituents based on both 3 month and 6 month historical returns to capture both long and short term market momentum. The Index also incorporates an index maintenance fee of 0.85% per annum, subtracted daily.
- » **Target 5%** - The Index methodology determines allocations from a basket of 13 ETFs and Cash to achieve a volatility target of 5%. The Index limits exposure to pre-defined levels on both the ETFs and the Asset Classes to avoid an overconcentration in any single asset.

## Simulated and historical performance

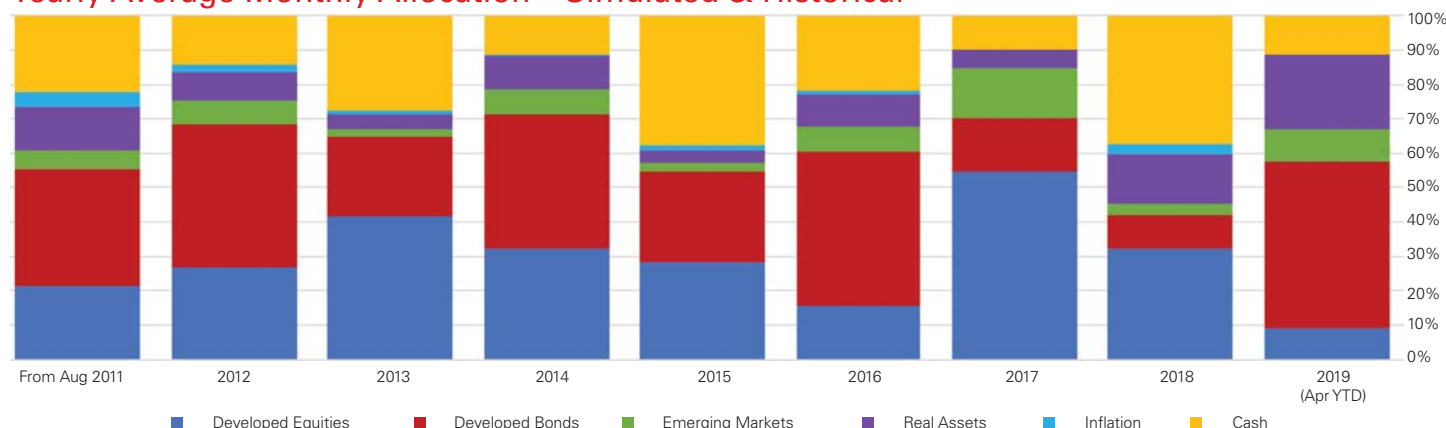


Data from Jan '13 thru Mar '19 Source: Bloomberg and HSBC  
See "Risks relating to the index" and "Important information"  
Note: All levels provided in the graph prior to March 15, 2017 are simulated and must be considered illustrative only.

## Key drivers of performance

- » **Equity universe** - The HSBC Vantage5 Index utilizes equity ETF underlyings such as PowerShares QQQ and PowerShares S&P 500 Low Volatility Portfolio (SPLV) to potentially enhance equity returns.
- » **Higher equity allocation** - The HSBC Vantage5 Index provides a greater maximum allocation to developed and emerging market equities (up to 80%) compared to some other target volatility strategies. This may increase the potential for equity outperformance.
- » **No intra-month volatility cap** - The HSBC Vantage5 Index does not impose an intra-month cap on volatility which enables the Index to remain fully invested in the selected portfolio of ETFs for the duration of the month.

## Yearly Average Monthly Allocation – Simulated & Historical



Data from Aug '11 thru Apr '19 Source: Bloomberg and HSBC See "Risks relating to the index" and "Important information"

## Index constituents

Asset Class	ETF Name	ETF Ticker	ETF Cap	Asset Class Cap
Developed Equities	SPDR S&P 500® ETF	SPY	40%	60%
	iShares® Russell 2000 ETF	IWM	20%	
	PowerShares S&P 500 Low Volatility Portfolio	SPLV	20%	
	PowerShares QQQ	QQQ	20%	
	iShares® MSCI EAFE Index ETF	EFA	20%	
Developed Bonds	iShares® 20+ Year Treasury Bond ETF	TLT	40%	80%
	iShares® iBoxx Investment Grade Corporate Bond ETF	LQD	40%	
	iShares® iBoxx High Yield Corporate Bond ETF	HYG	15%	
Emerging Markets	iShares® MSCI Emerging Markets ETF	EEM	20%	30%
	iShares® JP Morgan Emerging Markets Bond ETF	EMB	10%	
Real Assets	iShares® US Real Estate ETF	IYR	20%	30%
	SPDR® Gold Shares	GLD	20%	
Inflation	iShares® TIPS Bond ETF	TIP	5%	5%
Cash	Cash - Reinvested 3M USD Libor		50% <sup>1</sup>	50%

<sup>1</sup> This cap can increase in increments of 10% (subject to a maximum weight of 100%) as described further in the offering document.

### Risks related to the index

Please review carefully these risk factors, and any risk factors in an offering document for any security or financial instrument referencing the Index, before making any investment.

- S&P the Index Calculation Agent, may adjust the Index in a way that affects its level, and S&P has no obligation to consider your interests.
- The Index may not be successful, and may not outperform any alternative strategy that might be employed in respect of the ETFs or achieve its target volatility.
- The Index has a limited operating history and may perform in unanticipated ways.
- The ETFs composing the Index may be replaced by a substitute ETF in certain extraordinary events.
- The Index may perform poorly during periods characterized by short-term volatility.
- An investment linked to the Index carries the risks associated with the Index's momentum investment strategy.
- The Index may be partially uninvested.
- Correlation of performances among the ETFs may reduce the performance of the Index.
- The Index is subject to market risks

### Important Information

Any information relating to performance contained in these materials prior to March 15, 2017 is illustrative only. No assurance is given that any indicative returns, performance or results, whether historical or hypothetical, will be achieved. Any specific terms or methodology remains subject to change, and HSBC undertakes no duty to update this information. This document may be amended, superseded or replaced in its entirety by a subsequent term sheet, disclosure or prospectus supplement, and/or offering circular or similar document and the documents referred to therein. In the event of any inconsistency between the information presented herein and any such term sheet, disclosure or prospectus supplement, and/or offering circular or similar document, such term sheet, disclosure or prospectus supplement, and/or offering circular or similar document shall govern.

### Use of simulated returns

Any historical performance information included in this document prior to March 15, 2017 represents only hypothetical historical results. You should note that the index constituents have not traded together in the manner shown in the composite hypothetical historical results included in this document. No representation is being made that the indices will achieve a performance record similar to that shown. In fact, there may often be sharp differences between hypothetical performance and actual performance. Back-testing and other statistical analysis material provided to you in connection with the explanations of the potential returns associated with an investment in the Index use simulated analysis and hypothetical assumptions in order to illustrate the manner in which the Index may have performed in periods prior to the actual existence of the Index. The hypothetical Index annualized volatility levels have inherent limitations. Alternative modelling techniques or assumptions may produce different hypothetical information that might prove to be more appropriate and that might differ significantly from the hypothetical information set forth above. Actual annualized volatilities may vary materially from the information shown.

The results obtained from "back-testing" information should not be considered indicative of actual results that might be obtained from an investment or participation in a financial instrument or transaction referencing the Index. You should not place undue reliance on the "back-testing" information, which is provided for illustrative purposes only. HSBC provides no assurance or guarantee that the Index will operate or would have operated in the past in a manner consistent with the results presented in these materials.

Hypothetical back-tested results are neither an indicator nor a guarantee of future returns. Actual results will vary, perhaps materially, from the analysis implied in the hypothetical information. You should review and consider the hypothetical information only with the full Index methodology.

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