



# Vanguard U.S. Government Bond Index Fund

Institutional - USD

Inception date: 31 January 2002

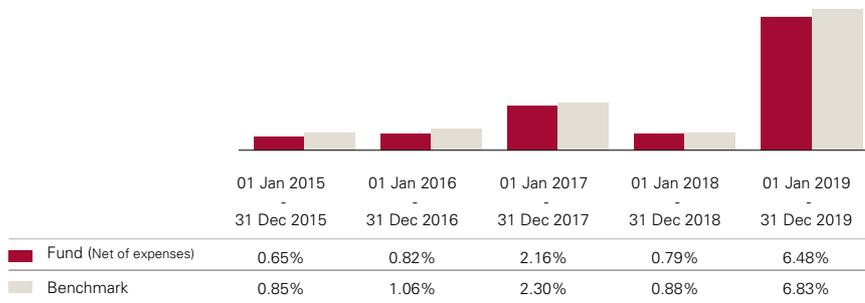
Total assets (million) \$4,713 | Institutional USD (million) \$1,031 as at 31 January 2020

Minimum initial investment	ISIN	SEDOL	Bloomberg	Investment structure	Index ticker	Domicile	Settlement	Trading frequency (cut-off)
5,000,000	IE0007471927	0747192	VGUGBSD	UCITS	BGA4TRUU	Ireland	T+2	Daily (14:00 Irish Time)

### Performance summary\*

USD—Vanguard U.S. Government Bond Index Fund

Benchmark — Bloomberg Barclays U.S. Government Float Adjusted Bond Index



### Ongoing Charges Figure†

0.12%

†The Ongoing Charges Figure (OCF) covers administration, audit, depository, legal, registration and regulatory expenses incurred in respect of the Funds.

### Investment objective

The Fund seeks to provide returns consistent with the performance of the index, a market-weighted index of the United States government market with an intermediate-term average-weighted maturity.

### Investment strategy

The Fund employs a passive management or indexing strategy designed to track the performance of the index. This market-weighted index is designed to reflect the total universe of US dollar denominated US Treasury and US government-related securities with maturities greater than one year.

### Investment manager

Vanguard Global Advisers, LLC  
Global Fixed Income Team

### Performance\*

	1 month	Quarter	Year to date	1 year	3 years	5 years	10 years	Since inception
Fund (Net of expenses)	2.56%	1.61%	2.56%	8.78%	3.89%	2.14%	2.96%	3.98%
Benchmark	2.42%	1.55%	2.42%	8.90%	4.05%	2.34%	3.14%	4.09%

**\*The performance data shown represent past performance, which is not a guarantee of future results. Investment returns and principal value will fluctuate, so investors' shares, when sold, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data cited. For performance data current to the most recent month-end, visit our website at [vanguard.com/americas](http://vanguard.com/americas).**

In this document the performance displayed for the Fund(s) and therefore relative performance to the benchmark index may be impacted by swing pricing. The NAV of a Fund may swing according to subscription/redemption activity so that transaction costs caused by these cashflows are not borne by the existing holders in a Fund. The benchmark index is not affected by swing pricing and therefore you may see tracking difference between the performance of the Fund and the benchmark. Performance and Data is calculated on closing NAV as at 31 January 2020  
Source: Vanguard; Bloomberg Barclays U.S. Government Float Adjusted Bond Index\*\*

### Key investment risks

**Credit risk.** The issuer of a financial asset held within the Fund may not pay income or repay capital to the Fund when due.

**Liquidity risk.** Lower liquidity means there are insufficient buyers or sellers to allow the Fund to sell or buy investments readily.

**Counterparty risk.** The insolvency of any institutions providing services such as safekeeping of assets or acting as counterparty to derivatives or other instruments, may expose the Fund to financial loss.

**Index tracking risk.** The Fund is not expected to track the performance of the Index at all times with perfect accuracy. The Fund is, however, expected to provide investment results that, before expenses, generally correspond to the price and yield performance of the Index.

**Index sampling risk.** As the Fund uses an index sampling technique whereby a representative sample of securities are selected to represent the Index, there is the risk that the securities selected for the Fund may not, in the aggregate, approximate the full Index.

**Inflation risk.** The value of your investments may not be worth as much in the future due to changes in purchasing power resulting from inflation.

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\*\*Bloomberg Barclays U.S. Government Float Adjusted Bond Index: The benchmark for this portfolio was Bloomberg Barclays Global Aggregate U.S. Government Bond Index through 30 June 2010 and Bloomberg Barclays Global Aggregate U.S. Government Float Adjusted Bond Index thereafter.

The Central Bank of Ireland has granted authorisation for the Vanguard U.S. Government Bond Index Fund to invest up to 100% of net assets in different Transferable Securities and Money Market Instruments issued or guaranteed by any EU Member State, its local authorities, non-EU Member States or public international bodies of which one or more EU Member States are members. As at 31 December 2019, the Vanguard U.S. Government Bond Index Fund invests more than 35% of its scheme property in transferable securities and money market instruments issued or guaranteed by the US.

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# Vanguard U.S. Government Bond Index Fund

## Institutional - USD

Data as at 31 January 2020 unless otherwise stated.

### Characteristics

	Fund	Benchmark
Number of bonds	336	575
Yield to worst	1.49%	1.50%
Average coupon	2.4%	2.3%
Average maturity	8.1 years	8.1 years
Average quality	AAA	AAA
Average duration	6.5 years	6.5 years
Cash investment*	0.4%	—
Turnover rate	-8%	—

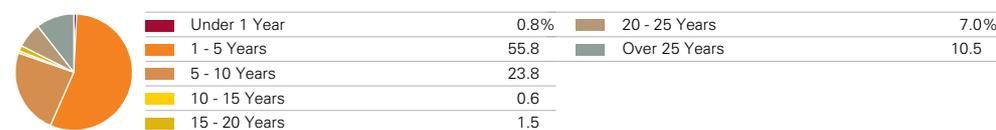
The PTR (Portfolio Turnover Rate) approach considers the total security purchases and sales, the total subscriptions and redemptions and the average net assets of the fund to calculate the turnover figure. Data as at 31 December 2019.

### Market allocation

United States	99.6%
Other	0.4

Market allocation displayed equals 100.0%

### Distribution by credit maturity (% of fund)



### Distribution by credit quality (% of fund)



Credit-quality ratings for each issue are obtained from Barclays using ratings derived from Moody's Investors Service, Fitch Ratings, and Standard & Poor's. When ratings from all three agencies are available, the median rating is used. When ratings are available from two of the agencies, the lower rating is used. When one rating is available, that rating is used.

### Distribution by issuer (% of fund)



\*The allocations are subject to circumstances such as timing differences between trade and settlement dates of underlying securities, that may result in negative weightings. The fund may also employ certain derivative instruments for cash management or risk management purposes that may also result in negative weightings. Allocations are subject to change. Cash includes physical cash on the account, cash like instruments (such as ultra-short term treasury bonds) and derivative instruments.

Source: Vanguard

### Glossary for fund characteristics

The fund characteristics section above contains a number of metrics that professional investors use to value individual stocks against a market or index average. These metrics can also be used to value and compare funds to the market by taking the average of all the stocks held in the fund and comparing them to those of the fund's benchmark index. We've provided a definition of the terms used for your convenience.

**Yield to worst** applies when the portfolio is invested into callable bonds. When it is not the case Yield to worst=Yield to maturity.

**Average coupon** is the average interest rate paid on the fixed income securities held by a fund. It is expressed as a percentage of face value.

**Average maturity** is the average length of time until fixed income securities held by a fund reach maturity and are repaid, taking into consideration the possibility that the issuer may call the bond before its maturity date. The figure reflects the proportion of fund assets represented by each security; it also reflects any futures contracts held. In general, the longer the average effective maturity, the more a fund's share price will fluctuate in response to changes in market interest rates.

**Average quality** is an indicator of credit risk. This figure is the average of the ratings assigned to a fund's fixed income holdings by credit-rating agencies. The agencies make their judgment after appraising an issuer's ability to meet its obligations. Quality is graded on a scale, with Aaa or AAA indicating the most creditworthy bond issuers.

**Average duration** is an estimate of how much the value of the bonds held by a fund will fluctuate in response to a change in interest rates. To see how the value could change, multiply the average duration by the change in rates. If interest rates rise by 1 percentage point, the value of the bonds in a fund with an average duration of five years would decline by about 5%. If rates decrease by a percentage point, the value would rise by 5%.

**Distribution yield** reflects the amounts that may be expected to be distributed over the next twelve months as a percentage of mid-market unit price as at the date shown. It is based on a snapshot of the portfolio on that day. It does not include preliminary charge and investors may be subject to tax on distributions.

### For more information contact your local sales team or:

Web: [vanguard.com/americas](http://vanguard.com/americas)

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Tel (International): +1 610 669 6705

All investing is subject to risk, including possible loss of principal.

Bond funds are subject to the risk that an issuer will fail to make payments on time, and that bond prices will decline because of rising interest rates or negative perceptions of an issuer's ability to make payments.

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### Volatility

	Fund
R-Squared	1.00%
Beta	1.00%

R-squared and beta are calculated from trailing 36-month fund returns relative to Bloomberg Barclays U.S. Government Float Adjusted Bond Index.

**Beta:** A comparison of a fund's share-price fluctuations to those of an index. The beta of an index is 1.00. The share price of a fund with a beta of 1.20 will rise or fall 12% when the index rises or falls 10%. For this report, beta is based on returns over the past 36 months. A fund's beta should be reviewed in conjunction with its R-squared. A lower R-squared means less correlation between the fund and the index, and the less reliable beta will indicate volatility.

**R-Squared:** A measure of how much of a fund's past returns can be explained by the returns from the market in general, as measured by a given index. If a fund's total returns were precisely synchronized with an index's returns, its R-squared would be 1.00. If the fund's returns bore no relationship to the index's returns, its R-squared would be 0.



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