

Summary Prospectus August 1, 2020



American Century Investments[®] Government Bond Fund

Investor Class: CPTNX
I Class: ABHTX

A Class: ABTAX
C Class: ABTCX

R Class: ABTRX
R5 Class: ABTIX

Before you invest, you may want to review the fund's prospectus, which contains more information about the fund and its risks. You can find the fund's prospectus, reports to shareholders, and other information about the fund online at the web addresses listed below. You can also get this information at no cost by calling or sending an email request. The fund's prospectus and other information are also available from financial intermediaries (such as banks and broker-dealers) through which shares of the fund may be purchased or sold.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the fund's shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports from the fund or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from the fund or your financial intermediary electronically by calling or sending an email request.

You may elect to receive all future reports in paper free of charge. You can inform the fund or your financial intermediary that you wish to continue receiving paper copies of your shareholder reports by calling or sending an email request. Your election to receive reports in paper will apply to all funds held with the fund complex/your financial intermediary.

Retail Investors

americancentury.com/prospectus
1-800-345-2021 or 816-531-5575
prospectus@americancentury.com

Financial Professionals

americancentury.com/fa-prospectus
1-800-345-6488
advisor_prospectus@americancentury.com

This summary prospectus incorporates by reference the fund's prospectus and statement of additional information (SAI), each dated August 1, 2020 (as supplemented at the time you receive this summary prospectus), as well as the Report of Independent Registered Public Accounting Firm and the financial statements included in the fund's annual report to shareholders, dated March 31, 2020. The fund's SAI and annual report may be obtained, free of charge, in the same manner as the prospectus.

Investment Objective

The fund seeks high current income.

Fees and Expenses

The following table describes the fees and expenses you may pay if you buy, hold and sell shares of the fund. You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the tables and examples below. You may qualify for sales charge discounts if you and your family invest, or agree to invest in the future, at least \$100,000 in American Century Investments funds. More information about these and other discounts is available from your financial professional and in *Calculation of Sales Charges* on page 30 of the fund's prospectus, *Appendix A* of the fund's prospectus and *Sales Charges* in *Appendix B* of the statement of additional information.

Shareholder Fees (fees paid directly from your investment)						
	<i>Investor</i>	<i>I</i>	<i>A</i>	<i>C</i>	<i>R</i>	<i>R5</i>
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	None	None	4.50%	None	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of the lower of the original offering price or redemption proceeds when redeemed within one year of purchase)	None	None	None ¹	1.00%	None	None
Maximum Annual Account Maintenance Fee (waived if eligible investments total at least \$10,000)	\$25	None	None	None	None	None
Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)						
	<i>Investor</i>	<i>I</i>	<i>A</i>	<i>C</i>	<i>R</i>	<i>R5</i>
Management Fee	0.46%	0.36%	0.46%	0.46%	0.46%	0.26%
Distribution and Service (12b-1) Fees	None	None	0.25%	1.00%	0.50%	None
Other Expenses	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total Annual Fund Operating Expenses	0.47%	0.37%	0.72%	1.47%	0.97%	0.27%

¹ Purchases of \$1 million or more may be subject to a contingent deferred sales charge of 1.00% if the shares are redeemed within one year of the date of purchase.

Example

The example below is intended to help you compare the costs of investing in the fund with the costs of investing in other mutual funds. The example assumes that you invest \$10,000 in the fund for the time periods indicated and then redeem all of your shares at the end of those periods, that you earn a 5% return each year and that the fund's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	<i>1 year</i>	<i>3 years</i>	<i>5 years</i>	<i>10 years</i>
Investor Class	\$48	\$151	\$264	\$592
I Class	\$38	\$119	\$208	\$469
A Class	\$520	\$670	\$833	\$1,305
C Class	\$150	\$466	\$803	\$1,756
R Class	\$99	\$310	\$537	\$1,190
R5 Class	\$28	\$87	\$152	\$344

Portfolio Turnover

The fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when fund shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the fund's performance. During the most recent fiscal year, the fund's portfolio turnover rate was 103% of the average value of its portfolio.

Principal Investment Strategies

Under normal market conditions, the fund invests at least 80% of its net assets in U.S. government debt securities, including U.S. Treasury securities and other securities issued or guaranteed by the U.S. government and its agencies and instrumentalities.

Securities issued or guaranteed by the U.S. Treasury and certain U.S. government agencies or instrumentalities, such as the Government National Mortgage Association (Ginnie Mae), are supported by the full faith and credit of the U.S. government. Securities issued or guaranteed by other U.S. government agencies or instrumentalities, such as the Federal National Mortgage Association (Fannie Mae), the Federal Home Loan Mortgage Corporation (Freddie Mac), and the Federal Home Loan Bank are not guaranteed by the U.S. Treasury or supported by the full faith and credit of the U.S. government. However, these agencies or instrumentalities are authorized to borrow from the U.S. Treasury to meet their obligations.

To generate additional income, the fund may purchase securities, including mortgage dollar rolls, in advance through when-issued and forward commitment transactions. The fund may commit up to 35% of its total assets to such transactions.

The fund also may invest in derivative instruments such as options, futures contracts, options on futures contracts and swap agreements, or in mortgage- or asset-backed securities, provided that such investments are in keeping with the fund's investment objective.

When determining whether to sell a security, the portfolio managers consider, among other things, current and anticipated changes in interest rates, current valuation relative to alternatives in the market, general market conditions and any other factors deemed relevant by the portfolio managers.

The fund may engage in active and frequent trading of portfolio securities to achieve its principal investment strategies. This may cause higher transaction costs and may affect performance. It may also result in the realization and distribution of capital gains.

Principal Risks

- **Interest Rate Risk**—Generally, when interest rates rise, the fund's share value will decline. The opposite is true when interest rates decline. This risk is higher for the fund than for other funds that have shorter weighted average maturities, such as money market funds or short-term bond funds. A period of rising interest rates may negatively affect the fund's performance.
- **Prepayment Risk**—The fund may invest in debt securities backed by mortgages or other assets. If these underlying assets are prepaid, the fund may benefit less from declining interest rates than funds that have similar weighted average maturities.
- **Derivatives Risk**—The use of derivative instruments involves risks different from, or possibly greater than, the risks associated with investing directly in securities and other traditional instruments. Derivatives are subject to a number of risks including liquidity, interest rate, market, credit and correlation risk.
- **Market Risk**—The value of the securities owned by the fund may go up and down, sometimes rapidly or unpredictably. Market risks, including political, regulatory, economic and social developments, can affect the value of the fund's investments. Natural disasters, public health emergencies, terrorism and other unforeseeable events may lead to increased market volatility and may have adverse long-term effects on world economies and markets generally.
- **Principal Loss**—At any given time your shares may be worth less than the price you paid for them. In other words, it is possible to lose money by investing in the fund.

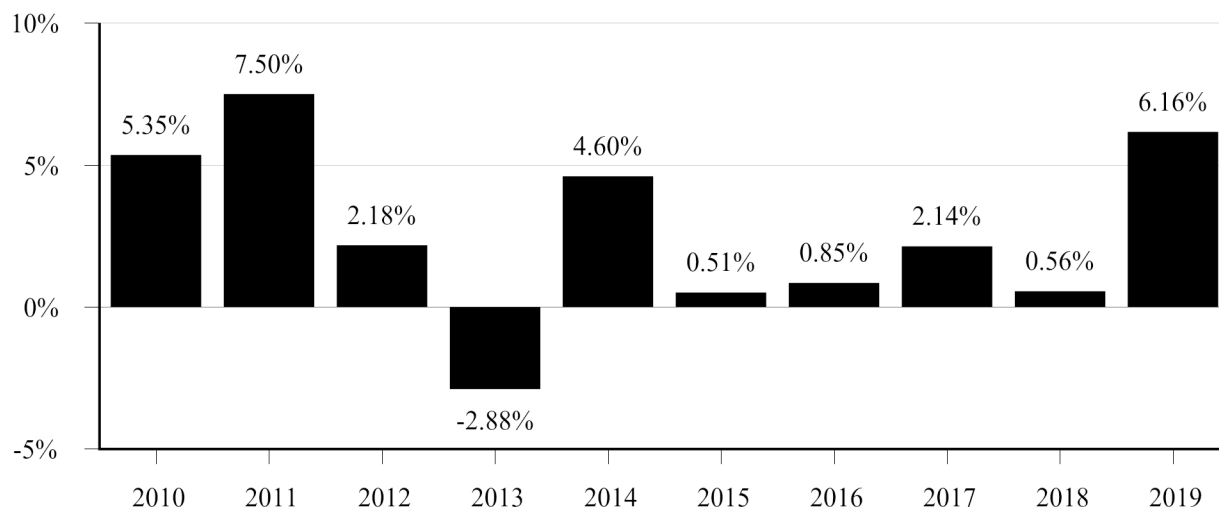
An investment in the fund is not a bank deposit, and it is not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC) or any other government agency.

Fund Performance

The following bar chart and table provide some indication of the risks of investing in the fund. The bar chart shows changes in the fund's performance from year to year for Investor Class shares. The table shows how the fund's average annual returns for the periods shown compared with those of a broad measure of market performance. The fund's past performance (before and after taxes) is not necessarily an indication of how the fund will perform in the future. For current performance information, including yields, please visit americancentury.com.

Sales charges and account fees, if applicable, are not reflected in the bar chart. If those charges were included, returns would be less than those shown.

Calendar Year Total Returns



Highest Performance Quarter (3Q 2011): 4.45%

Lowest Performance Quarter (4Q 2016): -3.17%

As of June 30, 2020, the most recent calendar quarter end, the fund's Investor Class year-to-date return was 6.47%.

Average Annual Total Returns For the calendar year ended December 31, 2019	1 year	5 years	10 years	Since Inception	Inception Date
Investor Class Return Before Taxes	6.16%	2.02%	2.65%	—	05/16/1980
Return After Taxes on Distributions	5.08%	1.09%	1.67%	—	05/16/1980
Return After Taxes on Distributions and Sale of Fund Shares	3.63%	1.12%	1.64%	—	05/16/1980
I Class ¹ Return Before Taxes	6.27%	2.11%	—	2.63%	04/10/2017
A Class ² Return Before Taxes	1.09%	0.85%	1.92%	—	10/09/1997
C Class ³ Return Before Taxes	5.21%	1.03%	1.63%	—	03/01/2010
R Class ³ Return Before Taxes	5.63%	1.53%	2.14%	—	03/01/2010
R5 Class Return Before Taxes	6.37%	2.24%	—	2.75%	03/01/2010
Bloomberg Barclays U.S. Government/MBS Index (reflects no deduction for fees, expenses or taxes)	6.63%	2.45%	3.07%	—	

¹ Historical performance for the I Class prior to its inception is based on the performance of R5 Class shares. I Class performance has been adjusted to reflect differences in expenses between classes, if applicable. Since inception performance for the I Class is based on the R5 Class inception date.

² Prior to March 1, 2010, the A Class was referred to as the Advisor Class and did not have a front-end sales charge. Performance prior to that date has been restated to reflect this charge.

³ Historical performance for the C and R Classes prior to their inception is based on the performance of Investor Class shares. C and R Class performance has been adjusted to reflect differences in sales charges, if applicable, and expenses between classes.

The after-tax returns are shown only for Investor Class shares. After-tax returns for other share classes will vary. After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on an investor's tax situation and may differ from those shown. After-tax returns are not relevant to investors who hold their fund shares through tax-deferred arrangements, such as 401(k) plans or IRAs.

Portfolio Management

Investment Advisor

American Century Investment Management, Inc.

Portfolio Managers

Alejandro H. Aguilar, CFA, Vice President and Senior Portfolio Manager, has served on teams managing fixed-income investments for American Century Investments since joining the advisor in 2003.

Brian Howell, Vice President and Senior Portfolio Manager, has served on teams managing fixed-income investments for American Century Investments since joining the advisor in 1987.

James E. Platz, CFA, Vice President and Portfolio Manager, has served on teams managing fixed-income investments for American Century Investments since joining the advisor in 2003.

Dan Shiffman, CFA, Vice President and Senior Portfolio Manager, has served on teams managing fixed-income investments for American Century Investments since joining the advisor in 2004.

Robert V. Gahagan, Senior Vice President and Senior Portfolio Manager, has served on teams managing fixed-income investments for American Century Investments since joining the advisor in 1983.

Purchase and Sale of Fund Shares

You may purchase or redeem shares of the fund on any business day through our website at americancentury.com, in person (at one of our Investor Centers), by mail (American Century Investments, P.O. Box 419200, Kansas City, MO 64141-6200), by telephone at 1-800-345-2021 (Investor Services Representative) or 1-800-345-3533 (Business, Not-For-Profit and Employer-Sponsored Retirement Plans), or through a financial intermediary. Shares may be purchased and redemption proceeds received by electronic bank transfer, by check or by wire.

Unless otherwise specified below, the minimum initial investment amount to open an account is \$2,500 (\$1,000 for Coverdell Education Savings Accounts and IRAs). However, American Century Investments will waive the fund minimum if you make an initial investment of at least \$500 and continue to make automatic investments of at least \$100 until reaching the fund minimum. Investors opening accounts through financial intermediaries may open an account with \$250 for the Investor, A, C and R Classes, but the financial intermediaries may require their clients to meet different investment minimums. The minimum may be waived for broker-dealer sponsored wrap program accounts, fee based accounts, and accounts through bank/trust and wealth management advisory organizations.

The minimum initial investment amount for the I Class is generally \$5 million (\$3 million for endowments and foundations), but the minimum may be waived if you have an aggregate investment in the American Century family of funds of \$10 million or more (\$5 million for endowments and foundations). This includes accounts held directly with American Century and those held through a financial intermediary.

There is no minimum initial investment amount for R5 Class shares.

For the Investor, A, C, R and R5 Classes, there is no minimum initial investment amount for certain employer-sponsored retirement plans, however, financial intermediaries or plan recordkeepers may require plans to meet different minimums. Employer-sponsored retirement plans are not eligible to purchase I Class shares.

There is a \$50 minimum for subsequent purchases, except there is no subsequent purchase minimum for financial intermediaries or employer-sponsored retirement plans.

Tax Information

Fund distributions are generally taxable as ordinary income or capital gains, unless you are investing through a tax-deferred account such as a 401(k) or individual retirement account (in which case you may be taxed upon withdrawal of your investment from such account).

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the fund through a broker-dealer or other financial intermediary (such as a bank, insurance company, plan sponsor or financial professional), the fund and its related companies may pay the intermediary for the sale of fund shares and related services for investments in all classes. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information.

