

Putnam Large Cap Growth Fund*

Prospectus

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FUND SYMBOLS	CLASS A	CLASS B	CLASS C	CLASS R	CLASS R5	CLASS R6	CLASS Y
	POGAX	POGBX	POGCX	PGORX	PGODX	PGOEX	PGOYX
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Investment Category: Growth

This prospectus explains what you should know about this mutual fund before you invest. Please read it carefully.

These securities have not been approved or disapproved by the Securities and Exchange Commission (SEC) nor has the SEC passed upon the accuracy or adequacy of this prospectus. Any statement to the contrary is a crime.

*Prior to March 31, 2023, the fund was known as Putnam Growth Opportunities Fund

Prospectus Supplement

June 4, 2024

George Putnam Balanced Fund
 Putnam California Tax Exempt
 Income Fund
 Putnam Convertible Securities Fund
 Putnam Core Bond Fund
 Putnam Core Equity Fund
 Putnam Diversified Income Trust
 Putnam Dynamic Asset Allocation
 Balanced Fund
 Putnam Dynamic Asset Allocation
 Conservative Fund
 Putnam Dynamic Asset Allocation
 Growth Fund
 Putnam Emerging Markets Equity Fund
 Putnam Floating Rate Income Fund
 Putnam Focused Equity Fund
 Putnam Focused International Equity Fund
 Putnam Global Health Care Fund
 Putnam Global Income Trust
 Putnam Global Technology Fund
 Putnam Government Money Market Fund
 Putnam High Yield Fund
 Putnam Income Fund
 Putnam Intermediate-Term Municipal
 Income Fund
 Putnam International Capital
 Opportunities Fund
 Putnam International Equity Fund
 Putnam International Value Fund
 Putnam Large Cap Growth Fund
 Putnam Large Cap Value Fund
 Putnam Massachusetts Tax Exempt
 Income Fund
 Putnam Minnesota Tax Exempt
 Income Fund
 Putnam Money Market Fund
 Putnam Mortgage Opportunities Fund
 Putnam Mortgage Securities Fund
 Putnam Multi-Asset Income Fund
 Putnam New Jersey Tax Exempt
 Income Fund
 Putnam New York Tax Exempt
 Income Fund
 Putnam Ohio Tax Exempt Income Fund
 Putnam Pennsylvania Tax Exempt
 Income Fund
 Putnam Research Fund
 Putnam Retirement Advantage 2025 Fund
 Putnam Retirement Advantage 2030 Fund
 Putnam Retirement Advantage 2035 Fund
 Putnam Retirement Advantage 2040 Fund
 Putnam Retirement Advantage 2045 Fund
 Putnam Retirement Advantage 2050 Fund
 Putnam Retirement Advantage 2055 Fund
 Putnam Retirement Advantage 2060 Fund
 Putnam Retirement Advantage 2065 Fund
 Putnam Retirement Advantage
 Maturity Fund
 Putnam Short Duration Bond Fund
 Putnam Short-Term Municipal Income Fund
 Putnam Small Cap Growth Fund
 Putnam Small Cap Value Fund
 Putnam Strategic Intermediate
 Municipal Fund
 Putnam Sustainable Future Fund
 Putnam Sustainable Leaders Fund
 Putnam Sustainable Retirement 2025 Fund
 Putnam Sustainable Retirement 2030 Fund
 Putnam Sustainable Retirement 2035 Fund
 Putnam Sustainable Retirement 2040 Fund
 Putnam Sustainable Retirement 2045 Fund
 Putnam Sustainable Retirement 2050 Fund
 Putnam Sustainable Retirement 2055 Fund
 Putnam Sustainable Retirement 2060 Fund
 Putnam Sustainable Retirement 2065 Fund



A Franklin Templeton Company



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**Putnam Sustainable Retirement
Maturity Fund**

Putnam Tax Exempt Income Fund

Putnam Tax-Free High Yield Fund

Putnam Ultra Short Duration Income Fund

Putnam Ultra Short MAC Series

Putnam VT Core Equity Fund

Putnam VT Diversified Income Fund

Putnam VT Emerging Markets Equity Fund

**Putnam VT Focused International
Equity Fund**

Putnam VT George Putnam Balanced Fund

Putnam VT Global Asset Allocation Fund

Putnam VT Global Health Care Fund

**Putnam VT Government Money
Market Fund**

Putnam VT High Yield Fund

Putnam VT Income Fund

Putnam VT International Equity Fund

Putnam VT International Value Fund

Putnam VT Large Cap Growth Fund

Putnam VT Large Cap Value Fund

Putnam VT Mortgage Securities Fund

Putnam VT Research Fund

Putnam VT Small Cap Growth Fund

Putnam VT Small Cap Value Fund

Putnam VT Sustainable Future Fund

Putnam VT Sustainable Leaders Fund

For Putnam Government Money Market Fund and Putnam Money Market Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the fund's main investment strategies and related risks?* of each fund's prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of the fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on the fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual, where the fund's portfolio holdings may be viewed monthly beginning no later than 5 business days after the end of each month, and the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam VT Government Money Market Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the fund's main investment strategies and related risks?* of the fund's prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of the fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on the fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual/annuities, where the fund's portfolio holdings may be viewed monthly beginning no later than 5 business days after the end of each month, and the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For George Putnam Balanced Fund, Putnam California Tax Exempt Income Fund, Putnam Convertible Securities Fund, Putnam Core Bond Fund, Putnam Core Equity Fund, Putnam Diversified Income Trust, Putnam Emerging Markets Equity Fund, Putnam Floating Rate Income Fund, Putnam Focused Equity Fund, Putnam Focused International Equity Fund, Putnam Global Health Care Fund, Putnam Global Income Trust, Putnam Global Technology Fund, Putnam High Yield Fund, Putnam Income Fund, Putnam Intermediate-Term Municipal Income Fund, Putnam International Capital Opportunities Fund, Putnam International Equity Fund, Putnam International Value Fund, Putnam Large Cap Growth Fund, Putnam Large Cap Value Fund, Putnam Mortgage Securities Fund, Putnam Multi-Asset Income Fund, Putnam Research Fund, Putnam Short Duration Bond Fund, Putnam Short-Term Municipal Income Fund, Putnam Small Cap Growth Fund, Putnam Small Cap Value Fund, Putnam Strategic Intermediate Municipal Fund, Putnam Sustainable Future Fund, Putnam Sustainable Leaders Fund, Putnam Tax Exempt Income Fund, and Putnam Tax-Free High Yield Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the fund's main investment strategies and related risks?* of each fund's prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of the fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on the fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual, where the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month, and full portfolio holdings may be viewed monthly beginning on or before the 15th calendar day after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam VT Core Equity Fund, Putnam VT Diversified Income Fund, Putnam VT Emerging Markets Equity Fund, Putnam VT Focused International Equity Fund, Putnam VT George Putnam Balanced Fund, Putnam VT Global Asset Allocation Fund, Putnam VT Global Health Care Fund, Putnam VT High Yield Fund, Putnam VT Income Fund, Putnam VT International Equity Fund, Putnam VT International Value Fund, Putnam VT Large Cap Growth Fund, Putnam VT Large Cap Value Fund, Putnam VT Mortgage Securities Fund, Putnam VT Research Fund, Putnam VT Small Cap Growth Fund, Putnam VT Small Cap Value Fund, Putnam VT Sustainable Future Fund, and Putnam VT Sustainable Leaders Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the fund's main investment strategies and related risks?* of each fund's prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of the fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on the fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual/annuities, where the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month, and full portfolio holdings may be viewed monthly beginning on or before the 15th calendar day after the end of each

month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam Dynamic Asset Allocation Balanced Fund, Putnam Dynamic Asset Allocation Conservative Fund, and Putnam Dynamic Asset Allocation Growth Fund

Effective immediately, in the *What are each fund's main investment strategies and related risks?* section of the funds' prospectus, the paragraph titled *Portfolio Holdings* under the sub-section *BOTH ASSET CLASSES* is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of a fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on a fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual, where the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month, and full portfolio holdings may be viewed monthly beginning on or before the 15th calendar day after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam Massachusetts Tax Exempt Income Fund, Putnam Minnesota Tax Exempt Income Fund, Putnam New Jersey Tax Exempt Income Fund, Putnam New York Tax Exempt Income Fund, Putnam Ohio Tax Exempt Income Fund, and Putnam Pennsylvania Tax Exempt Income Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are each fund's main investment strategies and related risks?* of the funds' prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of a fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on a fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual, where the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month, and full portfolio holdings may be viewed monthly beginning on or before the 15th calendar day after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam Mortgage Opportunities Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the fund's main investment strategies and related risks?* of the fund's prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of the fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on the fund's portfolio, you may visit the Putnam Investments website, putnam.com/institutional, where the fund's top 10 holdings and related portfolio information may be viewed monthly beginning

on or after 5 business days after the end of each month, and full portfolio holdings may be viewed monthly beginning on or before the 15th calendar day of the month after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam Ultra Short Duration Income Fund and Putnam Ultra Short MAC Series

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the fund's main investment strategies and related risks?* of each fund's prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of a fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on a fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual, where the fund's portfolio holdings may be viewed monthly beginning on or after 5 business days after the end of each month, and the fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

For Putnam Retirement Advantage 2025 Fund, Putnam Retirement Advantage 2030 Fund, Putnam Retirement Advantage 2035 Fund, Putnam Retirement Advantage 2040 Fund, Putnam Retirement Advantage 2045 Fund, Putnam Retirement Advantage 2050 Fund, Putnam Retirement Advantage 2055 Fund, Putnam Retirement Advantage 2060 Fund, Putnam Retirement Advantage 2065 Fund, and Putnam Retirement Advantage Maturity Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the section *What are the funds' and each underlying fund's main investment strategies and related risks?* of the funds' prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of each fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on a fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual. With the exception of Dynamic Asset Allocation Equity Fund and Short Term Investment Fund, each underlying fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month, and full portfolio holdings of each underlying fund may be viewed beginning on or before the 15th calendar day after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>. Dynamic Asset Allocation Equity Fund and Short Term Investment Fund are not currently offered to the general public and do not post portfolio holdings on the Putnam Investments website.

For Putnam Sustainable Retirement 2025 Fund, Putnam Sustainable Retirement 2030 Fund, Putnam Sustainable Retirement 2035 Fund, Putnam Sustainable Retirement 2040 Fund, Putnam Sustainable Retirement 2045 Fund, Putnam Sustainable Retirement 2050 Fund, Putnam Sustainable Retirement 2055 Fund, Putnam Sustainable Retirement 2060 Fund, Putnam Sustainable Retirement 2065 Fund, and Putnam Sustainable Retirement Maturity Fund

Effective immediately, the paragraph titled *Portfolio Holdings* under the sub-section Additional Risks under the section *What are the funds' and each underlying fund's main investment strategies and related risks?* of the funds' prospectus is deleted and replaced in its entirety with the following:

Portfolio holdings. The SAI includes a description of each fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on a fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual. Each underlying fund's top 10 holdings and related portfolio information may be viewed monthly beginning on or after 5 business days after the end of each month, and full portfolio holdings of each underlying fund may be viewed monthly beginning on or before the 15th calendar day after the end of each month. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>. Additionally, the complete portfolio holdings for each of Core Bond ETF, High Yield ETF, Ultra Short ETF, PanAgora Emerging Markets Equity ETF and PanAgora International Equity ETF may be viewed on each business day, before commencement of trading in shares on the listing exchange.

Shareholders should retain this Supplement for future reference.

Prospectus and Statement of Additional Information Supplement

January 1, 2024

George Putnam Balanced Fund	Putnam Short Term Investment Fund
Putnam BDC Income ETF	Putnam Small Cap Value Fund
Putnam BioRevolution ETF	Putnam Sustainable Future ETF
Putnam Convertible Securities Fund	Putnam Sustainable Future Fund
Putnam Core Equity Fund	Putnam Sustainable Leaders ETF
Putnam Dynamic Asset Allocation Balanced Fund	Putnam Sustainable Leaders Fund
Putnam Dynamic Asset Allocation Equity Fund	Putnam Sustainable Retirement 2065 Fund
Putnam Dynamic Asset Allocation Growth Fund	Putnam Sustainable Retirement Maturity Fund
Putnam Emerging Markets Equity Fund	Putnam Ultra Short Duration Income Fund
Putnam Emerging Markets ex-China ETF	Putnam Ultra Short MAC Series
Putnam ESG Core Bond ETF	Putnam VT Core Equity Fund
Putnam ESG High Yield ETF	Putnam VT Diversified Income Fund
Putnam ESG Ultra Short ETF	Putnam VT Emerging Markets Equity Fund
Putnam Focused International Equity Fund	Putnam VT Focused International Equity Fund
Putnam Focused Large Cap Growth ETF	Putnam VT George Putnam Balanced Fund
Putnam Global Health Care Fund	Putnam VT Global Asset Allocation Fund
Putnam Government Money Market Fund	Putnam VT Global Health Care Fund
Putnam High Yield Fund	Putnam VT Government Money Market Fund
Putnam Income Fund	Putnam VT High Yield Fund
Putnam International Capital Opportunities Fund	Putnam VT Income Fund
Putnam International Equity Fund	Putnam VT International Equity Fund
Putnam Large Cap Growth Fund	Putnam VT International Value Fund
Putnam Large Cap Value Fund	Putnam VT Large Cap Growth Fund
Putnam Money Market Fund	Putnam VT Large Cap Value Fund
Putnam Mortgage Opportunities Fund	Putnam VT Mortgage Securities Fund
Putnam Multi-Asset Income Fund	Putnam VT Research Fund
Putnam Research Fund	Putnam VT Small Cap Growth Fund
Putnam Retirement Advantage 2030 Fund	Putnam VT Small Cap Value Fund
Putnam Retirement Advantage 2035 Fund	Putnam VT Sustainable Future Fund
Putnam Retirement Advantage 2065 Fund	Putnam VT Sustainable Leaders Fund

On January 1, 2024 (the “Effective Date”), a subsidiary of Franklin Resources, Inc. (“Franklin Resources”) acquired Putnam U.S. Holdings I, LLC (“Putnam Holdings”) in a stock and cash transaction (the “Transaction”). As a result of the Transaction, Putnam Investment Management, LLC (“Putnam Management”), a wholly-owned subsidiary of Putnam

Holdings and the investment manager to the Putnam family of funds (the “Putnam Funds”), Putnam Investments Limited (“PIL”), an indirect, wholly-owned subsidiary of Putnam Holdings and a sub-adviser to certain of the Putnam Funds, and The Putnam Advisory Company, LLC (“PAC”), an indirect, wholly-owned subsidiary of Putnam Holdings and a sub-adviser to certain of the Putnam Funds, became indirect, wholly-owned subsidiaries of Franklin Resources.

Franklin Resources, whose principal executive offices are at One Franklin Parkway, San Mateo, California 94403, is a global investment management organization operating, together with its subsidiaries, as Franklin Templeton. As of November 30, 2023, after giving effect to the Transaction, Franklin Templeton’s asset management operations had aggregate assets under management of approximately \$1.546 trillion. As a result of the Transaction, Putnam Management, PIL, and PAC will be able to draw on the broader investment resources, including portfolio management, investment research, trading expertise and other capabilities, of Franklin Templeton to the benefit of the Putnam Funds.

Under the Investment Company Act of 1940, as amended (the “1940 Act”), the Transaction resulted in the automatic termination of the investment management contract between each Putnam Fund and Putnam Management and any related sub-advisory contracts that were in place for each Putnam Fund before the Transaction. However, Putnam Management and, where applicable, the Putnam Funds’ sub-adviser(s) continue to provide uninterrupted services with respect to the Putnam Funds listed above pursuant to new investment management and sub-advisory contracts that were previously approved by shareholders of each above-listed Putnam Fund at shareholder meetings held in connection with the Transaction. The terms of the new investment management and sub-advisory contracts are substantially similar to those of the previous investment management and sub-advisory contracts.

The Prospectus and Statement of Additional Information for each of the Putnam Funds listed above are amended to reflect the foregoing.

Prospectus

For each Putnam Fund that offers Class Y shares, the following disclosure replaces and supersedes the corresponding bullet point under “The following investors may purchase class Y shares if approved by Putnam” in the “Here is a summary of the differences among the classes of shares” section:

- current and retired employees of Putnam or an affiliate (including affiliates of Franklin Templeton) and their immediate family members (including an employee’s spouse, domestic partner, fiancé(e), or other family members who are living in the same household) as well as, in each case, Putnam-offered health savings accounts, IRAs, and other similar tax-advantaged plans solely owned by the foregoing individuals;
- current directors of Putnam Investments, LLC who commenced service prior to January 1, 2024 and retired directors of Putnam Investments, LLC who served prior to January 1, 2024, regardless of when they retired;
- current employees of Empower Life & Annuity Insurance Company who began their employment prior to January 1, 2024 and retired employees of Empower Life & Annuity Insurance Company who were employees prior to January 1, 2024, regardless of when they retired; and current and retired Trustees of the fund. Upon the departure of any member of this group of individuals from Putnam, Empower Life & Annuity Insurance

Company, or the fund's Board of Trustees, the member's class Y shares convert automatically to class A shares, unless the member's departure is a retirement, as determined by Putnam in its discretion for employees and directors of Putnam and employees of Empower Life & Annuity Insurance Company and by the Board of Trustees in its discretion for Trustees; provided that conversion will not take place with respect to class Y shares held by former Putnam employees and their immediate family members in health savings accounts where it is not operationally practicable due to platform or other limitations; and

For each Putnam Fund that offers Class A shares, the following disclosure replaces and supersedes the corresponding bullet point under "Class A shares" in the "Additional reductions and waivers of sales charges" sub-section in the "Here is a summary of the differences among the classes of shares" section:

- (i) current and former Trustees of the fund, their family members, business and personal associates; current and former employees of Putnam Management, certain current corporate affiliates (including affiliates of Franklin Templeton), and certain former corporate affiliates, their family members, business and personal associates; employer-sponsored retirement plans for the foregoing; and partnerships, trusts or other entities in which any of the foregoing has a substantial interest;

Statement of Additional Information

The following disclosure replaces and supersedes the corresponding information in the footnote to the table in the sub-section "Trustee responsibilities and fees" in the section "CHARGES AND EXPENSES":

** Trustee who is an "interested person" (as defined in the 1940 Act) of the fund and Putnam Management. Mr. Reynolds is deemed an "interested person" by virtue of his position as an officer of the fund and his direct beneficial interest in shares of Franklin Resources, of which Putnam Management is an indirect wholly-owned subsidiary. Mr. Reynolds is the President of your fund and each of the other Putnam funds, and prior to January 1, 2024, Mr. Reynolds was President and Chief Executive Officer of Putnam Management and Putnam Investments, LLC, the previous parent company to Putnam Management, PIL, and PAC.

For Putnam BDC Income ETF, Putnam BioRevolution ETF, Putnam Dynamic Asset Allocation Equity Fund, Putnam Emerging Markets ex-China ETF, Putnam Focused Large Cap Growth ETF, and Putnam Ultra Short MAC Series, the following disclosure replaces and supersedes the corresponding information included in the "Share Ownership" section:

In light of its share ownership noted below, Putnam U.S. Holdings I, LLC may be deemed to "control" the fund. Putnam U.S. Holdings I, LLC, a Delaware limited liability company, is owned through a series of subsidiaries by Franklin Resources, Inc., a Delaware corporation, whose principal executive offices are at One Franklin Parkway, San Mateo, California 94403.

The sub-section “Putnam Management and its Affiliates” in the section “MANAGEMENT” is deleted in its entirety and replaced with the following:

Putnam Management and its Affiliates

Putnam Management is one of America’s oldest money management firms. Putnam Management’s staff of experienced portfolio managers and research analysts selects securities and supervises the fund’s portfolio on an ongoing basis. By pooling an investor’s money with that of other investors, a greater variety of securities can be purchased than would be the case individually; the resulting diversification helps reduce investment risk. Putnam Management has been managing mutual funds since 1937.

Putnam Management is an indirect, wholly-owned subsidiary of Franklin Resources, Inc. (“Franklin Resources”), a Delaware corporation. Franklin Resources, whose principal executive offices are at One Franklin Parkway, San Mateo, California 94403, is a global investment management organization operating, together with its subsidiaries, as Franklin Templeton. As of November 30, 2023, after giving effect to the Transaction, Franklin Templeton’s asset management operations had aggregate assets under management of approximately \$1.546 trillion.

Certain employees and officers of Franklin Resources and its subsidiaries who engage in investment advisory services may be appointed to serve as officers and/or authorized persons of Putnam Management and/or PAC and, in that capacity, may provide investment research, investment recommendations and other services to Putnam Management and/or PAC from time to time.

Trustees and officers of the fund who are also officers of Putnam Management or its affiliates or who are stockholders of Franklin Resources or its affiliates will benefit from the advisory fees, sales commissions, distribution fees and transfer agency fees paid or allowed by the fund.

The table in the sub-section “Trustees” in the section “MANAGEMENT” is deleted in its entirety and replaced with the following:

Name, Address ¹ , Year of Birth, Position(s) Held with Fund and Length of Service as a Putnam Fund Trustee	Principal Occupation(s) During Past 5 Years	Number of Funds in the Putnam Funds Complex Overseen by Trustee ³	Other Directorships Held by Trustee
Liaquat Ahamed (Born 1952), Trustee since 2012	Author; won Pulitzer Prize for <i>Lords of Finance: The Bankers Who Broke the World</i> .	105	Chair of the Sun Valley Writers Conference, a literary not-for-profit organization; and a Trustee of the Journal of Philosophy.
Barbara M. Baumann (Born 1955), Trustee since 2010, Vice Chair since 2022	President of Cross Creek Energy Corporation, a strategic consultant to domestic energy firms and direct investor in energy projects.	105	Director of Devon Energy Corporation, a publicly traded independent natural gas and oil exploration and production company; Director of National Fuel Gas Company, a publicly traded energy company that engages in the production, gathering, transportation, distribution and marketing of natural gas; Senior Advisor to the energy private equity firm First Reserve; member of the Finance Committee of the Children’s Hospital of Colorado; member of the Investment Committee of the Board of The Denver Foundation; and previously a Director of publicly traded companies Buckeye Partners LP, UNS Energy Corporation, CVR Energy Company, and SM Energy Corporation.
Katinka Domotorffy (Born 1975), Trustee since 2012	Voting member of the Investment Committees of the Anne Ray Foundation and Margaret A. Cargill Foundation, part of the Margaret A. Cargill Philanthropies.	105	Director of the Great Lakes Science Center and of College Now Greater Cleveland.
Catharine Bond Hill (Born 1954), Trustee since 2017	Managing Director of Ithaca S+R, a not-for-profit service that helps the academic community navigate economic and technological change. From 2006 to 2016, Dr. Hill served as the 10th president of Vassar College.	105	Director of Yale-NUS College; and Trustee of Yale University.

Name, Address ¹ , Year of Birth, Position(s) Held with Fund and Length of Service as a Putnam Fund Trustee	Principal Occupation(s) During Past 5 Years	Number of Funds in the Putnam Funds Complex Overseen by Trustee ³	Other Directorships Held by Trustee
<p>Kenneth R. Leibler (Born 1949), Trustee since 2006, Vice Chair from 2016 to 2018, Chair since 2018</p>	<p>Vice Chair Emeritus of the Board of Trustees of Beth Israel Deaconess Hospital in Boston. Member of the Investment Committee of the Boston Arts Academy Foundation.</p>	<p>105</p>	<p>Director of Eversource Corporation, which operates New England's largest energy delivery system; previously the Chairman of the Boston Options Exchange, an electronic marketplace for the trading of listed derivatives securities; previously the Chairman and Chief Executive Officer of the Boston Stock Exchange; and previously the President and Chief Operating Officer of the American Stock Exchange.</p>
<p>*Jennifer Williams Murphy (Born 1964), Trustee since 2022</p>	<p>Chief Executive Officer and Founder of Runa Digital Assets, LLC, an institutional investment advisory firm specializing in active management of digital assets. Until 2021, Chief Operating Officer of Western Asset Management, LLC, a global investment adviser, and Chief Executive Officer and President of Western Asset Mortgage Capital Corporation, a mortgage finance real estate investment trust.</p>	<p>105</p>	<p>Previously, a Director of Western Asset Mortgage Capital Corporation.</p>
<p>Marie Pillai (Born 1954), Trustee since 2022</p>	<p>Senior Advisor, Hunter Street Partners, LP, an asset-oriented private investment firm; Specialty Leader and Member of the Curriculum Committee of the Center for Board Certified Fiduciaries, a public benefit corporation providing coursework for developing fiduciaries. Until 2019, Vice President, Chief Investment Officer and Treasurer of General Mills, Inc., a global food company.</p>	<p>105</p>	<p>Member of the Investment Committee of the Bush Foundation, a non-profit organization supporting community problem-solving in Minnesota, North Dakota and South Dakota; Member of the Finance Council and Corporate Board of the Archdiocese of Saint Paul and Minneapolis; Director of Choice Bank, a private, community bank based in North Dakota; previously a Board Member of Catholic Charities of St. Paul and Minneapolis; former Director of the Catholic Community Foundation of Minnesota; and former Investment Advisory Board Member of the University of Minnesota.</p>

Name, Address ¹ , Year of Birth, Position(s) Held with Fund and Length of Service as a Putnam Fund Trustee	Principal Occupation(s) During Past 5 Years	Number of Funds in the Putnam Funds Complex Overseen by Trustee ³	Other Directorships Held by Trustee
George Putnam III (Born 1951), Trustee since 1984	Chair of New Generation Research, Inc., a publisher of financial advisory and other research services, and President of New Generation Advisors, LLC, a registered investment adviser to private funds.	105	Director of The Boston Family Office, LLC, a registered investment adviser; a Director of the Gloucester Marine Genomics Institute; a Trustee of the Lowell Observatory Foundation; and previously a Trustee of the Marine Biological Laboratory.
Manoj P. Singh (Born 1952), Trustee since 2017	Until 2015, Chief Operating Officer and Global Managing Director at Deloitte Touche Tohmatsu, Ltd., a global professional services organization, serving on the Deloitte U.S. Board of Directors and the boards of Deloitte member firms in China, Mexico and Southeast Asia.	105	Director of ReNew Energy Global Plc, a publicly traded renewable energy company; Director of Abt Associates, a global research firm working in the fields of health, social and environmental policy, and international development; Trustee of Carnegie Mellon University; Director of Pratham USA, an organization dedicated to children’s education in India; member of the advisory board of Altimetrik, a business transformation and technology solutions firm; and Director of DXC Technology, a global IT services and consulting company.
Mona K. Sutphen (Born 1967), Trustee since 2020	Partner, Investment Strategies at The Vistria Group, a private investment firm focused on middle-market companies in the healthcare, education, and financial services industries. From 2014 to 2018, Partner at Macro Advisory Partners, a global consulting firm.	105	Director of Spotify Technology S.A., a publicly traded audio content streaming service; Director of Unitek Learning, a private nursing and medical services education provider in the United States; Board Member, International Rescue Committee; Co-Chair of the Board of Human Rights First; Trustee of Mount Holyoke College; member of the Advisory Board for the Center on Global Energy Policy at Columbia University’s School of International and Public Affairs; previously Director of Pattern Energy and Pioneer Natural Resources, publicly traded energy companies; and previously Managing Director of UBS AG.

Name, Address ¹ , Year of Birth, Position(s) Held with Fund and Length of Service as a Putnam Fund Trustee	Principal Occupation(s) During Past 5 Years	Number of Funds in the Putnam Funds Complex Overseen by Trustee ³	Other Directorships Held by Trustee
Interested Trustees			
**Robert L. Reynolds (Born 1952), Trustee since 2008	Chair of Great-West Lifeco U.S. LLC. Prior to 2019, also President and Chief Executive Officer of Great-West Financial, a financial services company that provides retirement savings plans, life insurance, and annuity and executive benefits products, and of Great-West Lifeco U.S. LLC, a holding company that owns Putnam Investments and Great-West Financial, and a member of Great-West Financial's Board of Directors. Until 2023, President and Chief Executive Officer of Putnam Investments, President and Chief Executive Officer of Putnam Management, and member of Putnam Investments' Board of Directors.	105	Director of the Concord Museum; Director of Dana-Farber Cancer Institute; Director of the U.S. Ski & Snowboard Foundation; Chair of the Boston Advisory Board of the American Ireland Fund; Council Co-Chair of the American Enterprise Institute; Member of U.S. Chamber of Commerce, Center for Capital Markets Competitiveness; Chair of Massachusetts High Technology Council; Member of the Chief Executives Club of Boston; Member of the Massachusetts General Hospital President's Council; Chairman of the Board of Directors of the Ron Burton Training Village; Director and former Chair of the Massachusetts Competitive Partnership; former Chair of the West Virginia University Foundation; and former Executive Committee Member of the Greater Boston Chamber of Commerce.

1 The address of each Trustee is 100 Federal Street, Boston, MA 02110.

2 Each Trustee serves for an indefinite term, until his or her resignation, retirement during the year he or she reaches age 75, death or removal.

3 The Putnam funds complex is composed of the Putnam mutual funds, closed-end funds, and exchange-traded funds. As of December 31, 2023, there were 89 mutual funds, 4 closed-end funds and 12 exchange-traded funds. Each Trustee listed in the table above serves as Trustee of each fund in the Putnam funds complex.

* Ms. Murphy is the founder, controlling member, and Chief Executive Officer of Runa Digital Assets, LLC ("RDA"), the investment manager of Runa Digital Partners, LP ("RDP"), a private investment fund. Ms. Murphy also holds a controlling interest in RDP's general partner and is a limited partner in RDP. A subsidiary of Franklin Templeton and certain individuals employed by Franklin Templeton or its affiliates have made passive investments as limited partners in RDP (one of whom serves on the advisory board for RDA, which has no governance or oversight authority over RDA), representing in the aggregate approximately 33% of RDP as of October 31, 2023. In addition, if certain conditions are met, Franklin Templeton will be entitled to receive a portion of any incentive compensation allocable to RDP's general partner. For so long as Franklin Templeton maintains its investment in RDP, Ms. Murphy also has agreed upon request to advise and consult with Franklin Templeton and its affiliates on the market for digital assets. Ms. Murphy provides similar service to other limited partners in RDP that request her advice. Ms. Murphy also is

entitled to receive deferred cash compensation in connection with her prior employment by an affiliate of Franklin Templeton, which employment ended at the end of 2021. With regard to Ms. Murphy, the relationships described above may give rise to a potential conflict of interest with respect to the Funds.

** Trustee who is an “interested person” (as defined in the 1940 Act) of the fund and Putnam Management. Mr. Reynolds is deemed an “interested person” by virtue of his position as an officer of the fund and his direct beneficial interest in shares of Franklin Resources, of which Putnam Management is an indirect wholly-owned subsidiary. Mr. Reynolds is the President of your fund and each of the other Putnam funds, and prior to January 1, 2024, Mr. Reynolds was President and Chief Executive Officer of Putnam Management and Putnam Investments, LLC, the previous parent company to Putnam Management, PIL, and PAC.

The “Interested Trustee” portion of the sub-section “Trustee Qualifications” in the section “MANAGEMENT” is deleted in its entirety and replaced with the following:

Interested Trustee

Robert L. Reynolds — Mr. Reynolds’s extensive experience as a senior executive of a major mutual fund organization in the United States and his previous role as President and Chief Executive Officer of Putnam Management and Putnam Investments, LLC, the previous parent company to Putnam Management, PIL, and PAC.

The sub-section “Officers” in the section “MANAGEMENT” is deleted in its entirety and replaced with the following:

Officers

The other officers of the fund, in addition to Robert L. Reynolds, the fund’s President, are shown below. All of the officers of your fund listed below are employees of Putnam Management or its affiliates or are members of the Trustees’ independent administrative staff.

Name, Address¹, Year of Birth, Position(s) Held with Fund	Length of Service with the Putnam Funds²	Principal Occupation(s) During Past 5 Years and Position(s) with Fund’s Investment Adviser and Distributor³
Jonathan S. Horwitz⁴ (Born 1955) Executive Vice President, Principal Executive Officer, and Compliance Liaison	Since 2004	Executive Vice President, Principal Executive Officer, and Compliance Liaison, The Putnam Funds.
Stephen J. Tate (Born 1974) Vice President and Chief Legal Officer	Since 2021	General Counsel, Putnam U.S. Holdings I, LLC (“Putnam Holdings”), Putnam Management and Putnam Retail Management (2021–Present). Deputy General Counsel and related positions, Putnam Investments, Putnam Management and Putnam Retail Management (2004–2021).
James F. Clark³ (Born 1974) Vice President and Chief Compliance Officer	Since 2016	Chief Compliance Officer, Putnam Holdings and Putnam Management (2016–Present). Associate General Counsel, Putnam Investments, Putnam Management and Putnam Retail Management (2003–2015).
Michael J. Higgins⁴ (Born 1976) Vice President, Treasurer, and Clerk	Since 2010	Vice President, Treasurer, and Clerk, The Putnam Funds.
Kevin R. Blatchford (Born 1967) Vice President and Assistant Treasurer	Since 2023	Director, Financial Reporting, Putnam Holdings
Kelley Hunt (Born 1984) AML Compliance Officer	Since 2023	Manager, U.S. Financial Crime team, Franklin Templeton

Name, Address ¹ , Year of Birth, Position(s) Held with Fund	Length of Service with the Putnam Funds ²	Principal Occupation(s) During Past 5 Years and Position(s) with Fund's Investment Adviser and Distributor ³
Janet C. Smith (Born 1965) Vice President, Principal Financial Officer, Principal Accounting Officer, and Assistant Treasurer	Since 2007	Head of Fund Administration Services, Putnam Holdings and Putnam Management.
Alan G. McCormack ⁵ (Born 1964) Vice President and Derivatives Risk Manager	Since 2022	Head of Quantitative Equities and Risk, Putnam Management.
Martin Lemaire ⁵ (Born 1984) Vice President and Derivatives Risk Manager	Since 2022	Risk Manager, Putnam Management (2020–Present). Risk Analyst, Putnam Management (2016–2020).
Denere P. Poulack ⁴ (Born 1968) Assistant Vice President, Assistant Clerk, and Assistant Treasurer	Since 2004	Assistant Vice President, Assistant Clerk, and Assistant Treasurer, The Putnam Funds.

1 The address of each Officer, other than Ms. Hunt, is 100 Federal Street, Boston, MA 02110. Ms. Hunt's address is 100 Fountain Parkway, St. Petersburg, FL 33716.

2 Each officer serves for an indefinite term, until his or her resignation, retirement, death or removal.

3 Prior positions and/or officer appointments with the fund or the fund's investment adviser and distributor have been omitted.

4 Officers of the fund indicated are members of the Trustees' independent administrative staff. Compensation for these individuals is fixed by the Trustees and reimbursed to Putnam Management by the funds, except in certain cases where a fund has a unitary fee and/or expense limitation arrangement whereby Putnam Management is responsible for all or a portion of these individuals' compensation.

5 Messrs. McCormack and Lemaire each serve as Vice President and Derivatives Risk Manager for the funds, except Putnam Government Money Market Fund, Putnam Money Market Fund, and Putnam VT Government Money Market Fund.

Except as stated above, the principal occupations of the officers and Trustees for the last five years have been with the employers as shown above, although in some cases they have held different positions with their employers.

The sub-section "Principal Underwriter" in the section "MANAGEMENT" is deleted in its entirety and replaced with the following:

Putnam Retail Management, located at 100 Federal Street, Boston, MA 02110, is the principal underwriter of shares of the fund and the other continuously offered Putnam Funds. Putnam Retail Management is a wholly-owned subsidiary of Franklin Resources. Putnam Retail Management is not obligated to sell any specific amount of shares of the fund and will purchase shares for resale only against orders for shares. See "Charges and expenses" in Part I of this SAI for information on sales charges and other payments received by Putnam Retail Management.

Shareholders should retain this Supplement for future reference.

For all Putnam retail open-end mutual funds except Putnam Convertible Securities Fund class I prospectus, Putnam Government Money Market Fund class I prospectus, Putnam Mortgage Opportunities Fund class I prospectus, Putnam Short Term Investment Fund, and Putnam Ultra Short MAC Series.

Similar disclosure in the *Appendix* under the heading **EDWARD D. JONES & CO., L.P. (“EDWARD JONES”)** is replaced in its entirety with the following:

Policies Regarding Transactions Through Edward Jones

The following information has been provided by Edward Jones:

Effective on or after January 1st, 2024, the following information supersedes prior information with respect to transactions and positions held in fund shares through an Edward Jones system. Clients of Edward Jones (also referred to as “shareholders”) purchasing fund shares on the Edward Jones commission and fee-based platforms are eligible only for the following sales charge discounts (also referred to as “breakpoints”) and waivers, which can differ from discounts and waivers described elsewhere in the mutual fund prospectus or statement of additional information (“SAI”) or through another broker-dealer. In all instances, it is the shareholder’s responsibility to inform Edward Jones at the time of purchase of any relationship, holdings of the Putnam funds, or other facts qualifying the purchaser for discounts or waivers. Edward Jones can ask for documentation of such circumstance. Shareholders should contact Edward Jones if they have questions regarding their eligibility for these discounts and waivers.

Breakpoints

- Breakpoint pricing, otherwise known as volume pricing, at dollar thresholds as described in the prospectus.

Rights of Accumulation (“ROA”)

- The applicable sales charge on a purchase of Class A shares is determined by taking into account all share classes (except certain money market funds and any assets held in group retirement plans) of the Putnam funds held by the shareholder or in an account grouped by Edward Jones with other accounts for the purpose of providing certain pricing considerations (“pricing groups”). If grouping assets as a shareholder, this includes all share classes held on the Edward Jones platform and/or held on another platform. The inclusion of eligible fund family assets in the ROA calculation is dependent on the shareholder notifying Edward Jones of such assets at the time of calculation. Money market funds are included only if such shares were sold with a sales charge at the time of purchase or acquired in exchange for shares purchased with a sales charge.
- The employer maintaining a SEP IRA plan and/or SIMPLE IRA plan may elect to establish or change ROA for the IRA accounts associated with the plan to a plan-level grouping as opposed to including all share classes at a shareholder or pricing group level.
- ROA is determined by calculating the higher of cost minus redemptions or market value (current shares x NAV).

Letter of Intent (“LOI”)

- Through a LOI, shareholders can receive the sales charge and breakpoint discounts for purchases shareholders intend to make over a 13-month period from the date Edward Jones receives the LOI. The LOI is determined by calculating the higher of cost or market value of qualifying holdings at LOI initiation in combination with the value that the shareholder intends to buy over a 13-month period to calculate the front-end sales charge and any breakpoint discounts. Each purchase the shareholder makes during that 13-month period will receive the sales charge and breakpoint discount that applies to the total amount. The inclusion of eligible fund family assets in the LOI calculation is dependent on the shareholder notifying Edward Jones of such assets at the time of calculation. Purchases made before the LOI is received by Edward Jones are not adjusted under the LOI and will not reduce the sales charge previously paid. Sales charges will be adjusted if LOI is not met.
- If the employer maintaining a SEP IRA plan and/or SIMPLE IRA plan has elected to establish or change ROA for the IRA accounts associated with the plan to a plan-level grouping, LOIs will also be at the plan-level and may only be established by the employer.

Sales Charge Waivers

Sales charges are waived for the following shareholders and in the following situations:

- Associates of Edward Jones and its affiliates and other accounts in the same pricing group (as determined by Edward Jones under its policies and procedures) as the associate. This waiver will continue for the remainder of the associate’s life if the associate retires from Edward Jones in good-standing and remains in good standing pursuant to Edward Jones’ policies and procedures.
- Shares purchased in an Edward Jones fee-based program.
- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment.
- Shares purchased from the proceeds of redeemed shares of the same fund family so long as the following conditions are met: the proceeds are from the sale of shares within 60 days of the purchase, the sale and purchase are made from a share class that charges a front-end sales load and one of the following:
 - The redemption and repurchase occur in the same account.
 - The redemption proceeds are used to process an: IRA contribution, excess contributions, conversion, recharacterizing of contributions, or distribution, and the repurchase is done in an account within the same pricing groups for ROA.
- Shares exchanged into Class A shares from another share class so long as the exchange is into the same fund and was initiated at the discretion of Edward Jones. Edward Jones is responsible for any remaining CDSC due to the fund company, if applicable. Any future purchases are subject to the applicable sales charge as disclosed in the prospectus.
- Exchanges from Class C shares to Class A shares of the same fund, generally, in the 84th month following the anniversary of the purchase date or earlier at the discretion of Edward Jones.

Contingent Deferred Sales Charge (“CDSC”) Waivers

If the shareholder purchases shares that are subject to a CDSC and those shares are redeemed before the CDSC is expired, the shareholder is responsible to pay the CDSC except in the following conditions:

- The death or disability of the shareholder.
- Systematic withdrawals with up to 10% per year of the account value.
- Return of excess contributions from an Individual Retirement Account (IRA).
- Shares redeemed as part of a required minimum distribution for IRA and retirement accounts if the redemption is taken in or after the year the shareholder reaches qualified age based on applicable IRS regulations.
- Shares redeemed to pay Edward Jones fees or costs in such cases where the transaction is initiated by Edward Jones.
- Shares exchanged in an Edward Jones fee-based program.
- Shares acquired through NAV reinstatement.
- Shares redeemed at the discretion of Edward Jones for Minimum Balances, as described below.

Other Important Information Regarding Transactions Through Edward Jones

Minimum Purchase Amounts

- Initial purchase minimum: \$250
- Subsequent purchase minimum: none

Minimum Balances

- Edward Jones has the right to redeem at its discretion fund holdings with a balance of \$250 or less. The following are examples of accounts that are not included in this policy:
 - A fee-based account held on an Edward Jones platform
 - A 529 account held on an Edward Jones platform
 - An account with an active systematic investment plan or LOI

Exchanging Share Classes

- At any time it deems necessary, Edward Jones has the authority to exchange at NAV a shareholder’s holdings in a fund to Class A shares of the same fund.

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Fund summary

Goal

Putnam Large Cap Growth Fund seeks capital appreciation.

Fees and expenses

The following tables describe 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 \$50,000 in Putnam funds. More information about these and other discounts is available from your financial professional and in *How do I buy fund shares?* beginning on page 15 of the fund's prospectus, in the Appendix to the fund's prospectus, and in *How to buy shares* beginning on page II-1 of the fund's statement of additional information (SAI).

Shareholder fees *(fees paid directly from your investment)*

Share class	Maximum sales charge (load) imposed on purchases (as a percentage of offering price)	Maximum deferred sales charge (load) (as a percentage of original purchase price or redemption proceeds, whichever is lower)
Class A	5.75%	1.00%*
Class B	NONE	5.00%**
Class C	NONE	1.00%***
Class R	NONE	NONE
Class R5	NONE	NONE
Class R6	NONE	NONE
Class Y	NONE	NONE

Annual fund operating expenses

(expenses you pay each year as a percentage of the value of your investment)

Share class	Management fees ¹	Distribution and service (12b-1) fees	Other expenses	Total annual fund operating expenses
Class A	0.46%	0.25%	0.19%	0.90%
Class B	0.46%	1.00%	0.19%	1.65%
Class C	0.46%	1.00%	0.19%	1.65%
Class R	0.46%	0.50%	0.19%	1.15%
Class R5	0.46%	N/A	0.18%	0.64%
Class R6	0.46%	N/A	0.08%	0.54%
Class Y	0.46%	N/A	0.19%	0.65%

* Applies only to certain redemptions of shares bought with no initial sales charge.

** This charge is phased out over six years.

*** This charge is eliminated after one year.

† Management fees are subject to a performance adjustment. The fund's base management fee is subject to adjustment, up or down, based on the fund's performance relative to the performance of the Russell 1000 Growth Index. For the most recent fiscal year, the fund's base management fee prior to any performance adjustment was 0.55%.

Example

The following hypothetical example is intended to help you compare the cost of investing in the fund with the cost of investing in other funds. It assumes that you invest \$10,000 in the fund for the time periods indicated and then, except as indicated, redeem all your shares at the end of those periods. It assumes a 5% return on your investment each year and that the fund's operating expenses remain the same. Your actual costs may be higher or lower.

Share class	1 year	3 years	5 years	10 years
Class A	\$662	\$845	\$1,045	\$1,619
Class B	\$668	\$820	\$1,097	\$1,754
Class B (no redemption)	\$168	\$520	\$897	\$1,754
Class C	\$268	\$520	\$897	\$1,754
Class C (no redemption)	\$168	\$520	\$897	\$1,754
Class R	\$117	\$365	\$633	\$1,398
Class R5	\$65	\$205	\$357	\$798
Class R6	\$55	\$173	\$302	\$677
Class Y	\$66	\$208	\$362	\$810

Portfolio turnover

The fund pays transaction-related costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher turnover rate may indicate higher transaction costs and may result in higher taxes when the fund's shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or the above example, affect fund performance. The fund's turnover rate in the most recent fiscal year was 34%.

Investments, risks, and performance

Investments

We invest mainly in common stocks of large U.S. companies, with a focus on growth stocks. Growth stocks are stocks of companies whose earnings are expected to grow faster than those of similar firms, and whose business growth and other characteristics may lead to an increase in stock price. We may consider, among other factors, a company's valuation, financial strength, growth potential, competitive position in its industry, projected future earnings, cash flows and dividends when deciding whether to buy or sell investments. Under normal circumstances, we invest at least 80% of the fund's net assets (plus the amount of any borrowings for investment purposes) in companies of a size similar to those in the Russell 1000 Growth Index. This policy may be changed only after 60 days' notice to shareholders.

The fund is “non-diversified,” which means it may invest a greater percentage of its assets in fewer issuers than a “diversified” fund.

Risks

It is important to understand that you can lose money by investing in the fund.

The value of investments in the fund’s portfolio may fall or fail to rise over extended periods of time for a variety of reasons, including general economic, political or financial market conditions, investor sentiment and market perceptions, government actions, geo-political events or changes, outbreaks of infectious illnesses or other widespread public health issues, and factors related to a specific issuer, geography, industry or sector. These and other factors may lead to increased volatility and reduced liquidity in the fund’s portfolio holdings, may negatively impact the fund’s performance, and may exacerbate other risks to which the fund is subject. Companies whose stocks we believe are undervalued by the market may have experienced adverse business developments or may be subject to special risks that have caused their stocks to be out of favor. Growth stocks may be more susceptible to earnings disappointments, and the market may not favor growth-style investing. From time to time, the fund may invest a significant portion of its assets in companies in one or more related industries or sectors, which would make the fund more vulnerable to adverse developments affecting those companies, industries or sectors. For example, the fund may invest a significant portion of its assets in companies in the information technology sector that may be significantly affected by technological obsolescence or innovation, short product cycles, falling prices and profits, competitive pressures and general market conditions.

As a non-diversified fund, the fund may invest in fewer issuers and is more vulnerable than a more broadly diversified fund to fluctuations in the values of the securities it holds.

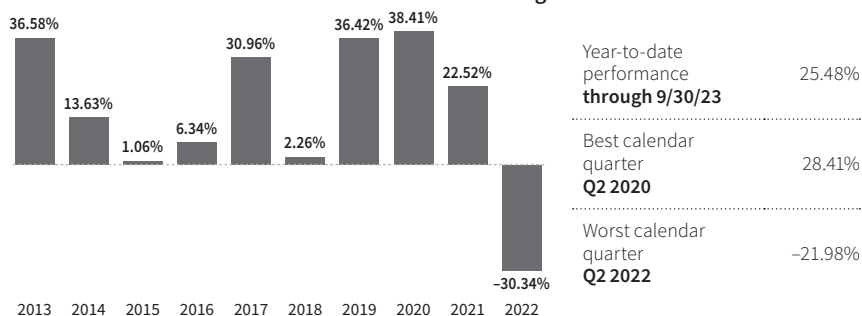
There is no guarantee that the investment techniques, analyses, or judgments that we apply in making investment decisions for the fund will produce the intended outcome or that the investments we select for the fund will perform as well as other securities that were not selected for the fund. We, or the fund’s other service providers, may experience disruptions or operating errors that could negatively impact the fund.

The fund may not achieve its goal, and it is not intended to be a complete investment program. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

Performance

The performance information below gives some indication of the risks associated with an investment in the fund by showing the fund’s performance year to year and over time. The bar chart does not reflect the impact of sales charges. If it did, performance would be lower. Please remember that past performance is not necessarily an indication of future results. Monthly performance figures for the fund are available at putnam.com.

Annual total returns for class A shares before sales charges



Average annual total returns after sales charges (for periods ended 12/31/22)

Share class	1 year	5 years	10 years
Class A before taxes	-34.35%	9.20%	12.99%
Class A after taxes on distributions	-35.43%	7.66%	11.37%
Class A after taxes on distributions and sale of fund shares	-19.49%	7.32%	10.46%
Class B before taxes	-34.01%	9.41%	12.99%
Class C before taxes	-31.49%	9.68%	12.98%
Class R before taxes	-30.51%	10.24%	13.38%
Class R5 before taxes*	-30.16%	10.80%	13.99%
Class R6 before taxes*	-30.10%	10.91%	14.10%
Class Y before taxes	-30.17%	10.79%	13.94%
Russell 1000® Growth Index (no deduction for fees, expenses or taxes)**	-29.14%	10.96%	14.10%

* Performance for class R5 and class R6 shares prior to their inception (7/2/12) is derived from the historical performance of class Y shares and has not been adjusted for the lower investor servicing fees applicable to class R5 and class R6 shares; had it, returns would have been higher.

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After-tax returns reflect the historical highest individual federal marginal income tax rates and do not reflect 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 shown for class A shares only and will vary for other classes. These after-tax returns do not apply if you hold your fund shares through a 401(k) plan, an IRA, or another tax-advantaged arrangement.

Class B and C share performance reflects conversion to class A shares after eight years.

Your fund's management

Investment advisor

Putnam Investment Management, LLC

Portfolio managers

Richard Bodzy

Portfolio Manager, portfolio manager of the fund since 2017

Gregory McCullough

Portfolio Manager, portfolio manager of the fund since 2019

Sub-advisor

Putnam Investments Limited*

* Though the investment advisor has retained the services of Putnam Investments Limited (PIL), PIL does not currently manage any assets of the fund.

On May 31, 2023, Franklin Resources, Inc. (“Franklin Resources”) and Great-West Lifeco Inc., the parent company of Putnam U.S. Holdings I, LLC (“Putnam Holdings”), announced that they have entered into a definitive agreement for a subsidiary of Franklin Resources to acquire Putnam Holdings in a stock and cash transaction.

As part of this transaction, Putnam Investment Management, LLC (“Putnam Management”), a wholly owned subsidiary of Putnam Holdings and investment manager to the Putnam family of funds (the “Putnam Funds”), including your fund, would become an indirect wholly owned subsidiary of Franklin Resources.

The transaction is subject to customary closing conditions, including receipt of applicable regulatory approvals. Subject to such approvals and the satisfaction of these conditions, the transaction is currently expected to be consummated in the fourth quarter of 2023.

Under the Investment Company Act of 1940, as amended, consummation of the transaction will result in the automatic termination of the investment management contract between each Putnam Fund and Putnam Management and any related sub-management and sub-advisory contracts, where applicable. In anticipation of this automatic termination, on June 23, 2023, the Board of Trustees of the Putnam Funds approved a new investment management contract between each Putnam Fund and Putnam Management (and new sub-management and sub-advisory contracts, if applicable), which will be presented to the shareholders of each Putnam Fund for their approval at shareholder meetings in October 2023 or at any adjourned sessions of such meetings. Proxy solicitation materials related to these meetings have been made available to shareholders that held shares of the fund at the close of business on July 24, 2023.

Purchase and sale of fund shares

You can open an account, purchase and/or sell fund shares, or exchange them for shares of another Putnam fund by contacting your financial professional or by calling Putnam Investor Services at 1-800-225-1581. Purchases of class B shares are closed to new and existing investors except by exchange from class B shares of another Putnam fund or through dividend and/or capital gains reinvestment.

When opening an account, you must complete and mail a Putnam account application, along with a check made payable to the fund, to: Putnam Investments, P.O. Box 219697, Kansas City, MO 64121-9697. The minimum initial investment of \$500 is currently waived, although Putnam reserves the right to reject initial investments under \$500 at its discretion. There is no minimum for subsequent investments.

You can sell your shares back to the fund or exchange them for shares of another Putnam fund any day the New York Stock Exchange (NYSE) is open. Shares may be sold or exchanged by mail, by phone, or, for exchanges only, online at putnam.com. Some restrictions may apply.

Tax information

The fund's distributions will be taxed as ordinary income or capital gains unless you hold the shares through a tax-advantaged arrangement, in which case you will generally be taxed only upon withdrawal of monies from the arrangement.

Financial intermediary compensation

If you purchase the fund through a broker/dealer or other financial intermediary (such as a bank or financial professional), the fund and its related companies may pay that intermediary for the sale of fund shares and related services. Please bear in mind that these payments may create a conflict of interest by influencing the broker/dealer or other intermediary to recommend the fund over another investment. Ask your advisor or visit your advisor's website for more information.

What are the fund's main investment strategies and related risks?

This section contains greater detail on the fund's main investment strategies and the related risks you would face as a fund shareholder. It is important to keep in mind that risk and reward generally go hand in hand; the higher the potential reward, the greater the risk.

As mentioned in the fund's summary, we pursue the fund's goal by investing mainly in growth stocks.

The fund is "non-diversified," which means it may invest a greater percentage of their assets in fewer issuers than a "diversified" fund. A fund that makes large investments in fewer issuers (as the fund currently does) is more vulnerable than a more broadly diversified fund to fluctuations in the values of the securities it holds. For this reason, an investment in the fund may fluctuate in value to a greater degree, and have a greater degree of risk, than a fund that is "diversified."

- **Common stocks.** Common stock represents an ownership interest in a company. The value of a company's stock may fall as a result of factors directly relating to that company, such as decisions made by its management or lower demand for the company's products or services. A stock's value may also fall because of factors affecting not just the company, but also other companies in the same industry or in a number of different industries, such as increases in production costs. From time to time, the fund may invest a significant portion of its assets in companies in one or more related industries or sectors, which would make the fund more vulnerable to adverse developments affecting those industries or sectors. For example, the fund may invest a significant portion of its assets in companies in the information technology sector (including companies that develop products, processes or services

that will provide advances and improvements through information technology to consumers, enterprises and governments). The information technology sector may be significantly affected by technological obsolescence or innovation, short product cycles, falling prices and profits, competitive pressures and general market conditions.

The value of a company's stock may also be affected by changes in financial markets that are relatively unrelated to the company or its industry, such as changes in interest rates, currency exchange rates, or inflation rates. In addition, a company's stock generally pays dividends only after the company invests in its own business and makes required payments to holders of its bonds and other debt. For this reason, the value of a company's stock will usually react more strongly than its bonds and other debt to actual or perceived changes in the company's financial condition or prospects. Stocks of smaller companies may be more vulnerable to adverse developments than those of larger companies.

Growth stocks — Stocks of companies we believe are fast-growing may trade at a higher multiple of current earnings than other stocks. The values of these stocks may be more sensitive to changes in current or expected earnings, changes in interest rates, or to heightened levels of inflation than the values of other stocks. If our assessment of the prospects for a company's earnings growth is wrong, or if our judgment of how other investors will value the company's earnings growth is wrong, then the price of the company's stock may fall or may not approach the value that we have placed on it. In addition, growth stocks, at times, may not perform as well as value stocks or the stock market in general, and may be out of favor with investors for varying periods of time.

- **Foreign investments.** We may invest in foreign investments, although they do not represent a primary focus of the fund. Foreign investments involve certain special risks. For example, their values may decline in response to changes in currency exchange rates, unfavorable political and legal developments, unreliable or untimely information, and economic and financial instability. In addition, the liquidity of these investments may be more limited than for most U.S. investments, which means we may at times be unable to sell them at desirable prices. Foreign settlement procedures may also involve additional risks. These risks are generally greater in the case of developing (also known as emerging) markets, which typically have less developed legal and financial systems.

Some of these risks may also apply to some extent to U.S.-traded investments that are denominated in foreign currencies, investments in U.S. companies that are traded in foreign markets, or investments in U.S. companies that have significant foreign operations.

- **Derivatives.** We may engage in a variety of transactions involving equity-related derivatives, such as futures, options, certain foreign currency transactions, and swap contracts, although they do not represent a primary focus of the fund. Derivatives are financial instruments whose value depends upon, or is derived from, the value of something else, such as one or more underlying investments, pools of investments,

indexes or currencies. We may make use of “short” derivative positions, the values of which typically move in the opposite direction from the price of the underlying investment, pool of investments, index or currency. We may use derivatives both for hedging and non-hedging purposes, including as a substitute for a direct investment in the securities of one or more issuers. For example, we may, from time to time, write (i.e., sell) covered call options or purchase put options on securities to hedge against declines in the value of securities in the fund’s portfolio. We may use foreign currency transactions to increase or decrease the fund’s exposure to a particular currency or group of currencies. We may also invest in index futures contracts as a substitute for a direct investment in securities. However, we may also choose not to use derivatives based on our evaluation of market conditions or the availability of suitable derivatives. Investments in derivatives may be applied toward meeting a requirement to invest in a particular kind of investment if the derivatives have economic characteristics similar to that investment.

Derivatives involve special risks and may result in losses. The successful use of derivatives depends on our ability to manage these sophisticated instruments. Some derivatives are “leveraged,” which means they provide the fund with investment exposure greater than the value of the fund’s investment in the derivatives. As a result, these derivatives may magnify or otherwise increase investment losses to the fund. The risk of loss from certain short derivative positions is theoretically unlimited. The value of derivatives may move in unexpected ways due to unanticipated market movements, the use of leverage, imperfect correlation between the derivative instrument and the reference asset, or other factors, especially in unusual market conditions, and volatility in the value of derivatives could adversely impact the fund’s returns, obligations and exposures.

Other risks arise from the potential inability to terminate or sell derivative positions. Derivatives may be subject to liquidity risk due to the fund’s obligation to make payments of margin, collateral, or settlement payments to counterparties. A liquid secondary market may not always exist for the fund’s derivative positions. In fact, certain over-the-counter instruments (investments not traded on an exchange) may not be liquid. Over-the-counter instruments also involve the risk that the other party to the derivative transaction may not be willing or able to meet its obligations with respect to the derivative transaction. The risk of a party failing to meet its obligations may increase if the fund has significant exposure to that counterparty. Derivative transactions may also be subject to operational risk, including due to documentation and settlement issues, system failures, inadequate controls and human error and legal risk due to insufficient documentation, insufficient capacity or authority of a counterparty, or issues with respect to the legality or enforceability of the derivative contract. For further information about additional types and risks of derivatives, see Miscellaneous Investments, Investment Practices and Risks in the SAI.

- **ESG considerations.** We expect to integrate environmental, social, or governance (“ESG”) considerations, where we consider them material and relevant, into our fundamental research process and investment decision-making for the fund, although ESG considerations do not represent a primary focus of the fund. We believe

that ESG considerations, like other, more traditional subjects of investment analysis such as market position, growth prospects, and business strategy, have the potential to impact financial risk and investment returns. We believe that ESG considerations are best analyzed in combination with a company's fundamentals, including a company's industry, geography, and strategic position. When considering ESG factors, we use company disclosures, public data sources, and independent third-party data as inputs into our analytical processes. The consideration of ESG factors as part of the fund's investment process does not mean that the fund pursues a specific "ESG" or "sustainable" investment strategy, and we may make investment decisions for the fund other than on the basis of relevant ESG considerations.

- **Liquidity and illiquid investments.** We may invest up to 15% of the fund's net assets in illiquid investments, which may be considered speculative and which may be difficult to sell. The sale of many of these investments is prohibited or limited by law or contract. Some investments may be difficult to value for purposes of determining the fund's net asset value. Certain other investments may not have an active trading market due to adverse market, economic, industry, political, regulatory, geopolitical, environmental, public health, and other conditions, including investors trying to sell large quantities of a particular investment or type of investment, or lack of market makers or other buyers for a particular investment or type of investment. We may not be able to sell the fund's illiquid investments when we consider it desirable to do so, or we may be able to sell them only at less than their value.
- **Market risk.** The value of investments in the fund's portfolio may fall or fail to rise over extended periods of time for a variety of reasons, including general economic, political or financial market conditions; investor sentiment and market perceptions (including perceptions about monetary policy, interest rates, inflation or the risk of default); government actions (including protectionist measures, intervention in the financial markets or other regulation, and changes in fiscal, monetary or tax policies); geopolitical events or changes (including natural disasters, terrorism and war); outbreaks of infectious illnesses or other widespread public health issues (including epidemics and pandemics); and factors related to a specific issuer, geography, industry or sector. Foreign financial markets have their own market risks, and they may be more or less volatile than U.S. markets and may move in different directions. During a general downturn in financial markets, multiple asset classes may decline in value simultaneously. These and other factors may lead to increased volatility and reduced liquidity in the fund's portfolio holdings. During those periods, the fund may experience high levels of shareholder redemptions, and may have to sell securities at times when it would otherwise not do so, and at unfavorable prices. These risks may be exacerbated during economic downturns or other periods of economic stress.

The COVID-19 pandemic and efforts to contain its spread have resulted in, among other effects, significant market volatility, exchange trading suspensions and closures, declines in global financial markets, higher default rates, significant changes in fiscal and monetary policies, and economic downturns and recessions. The effects of the COVID-19 pandemic have negatively affected, and may continue to negatively affect, the global economy, the economies of the United States and other individual

countries, the financial performance of individual issuers, sectors, industries, asset classes, and markets, and the value, volatility, and liquidity of particular securities and other assets. The effects of the COVID-19 pandemic also are likely to exacerbate other risks that apply to the fund, including the risks disclosed in this prospectus, which could negatively impact the fund's performance and lead to losses on your investment in the fund. The duration of the COVID-19 pandemic and its effects cannot be determined with certainty.

- **Management and operational risk.** The fund is actively managed and its performance will reflect, in part, our ability to make investment decisions that seek to achieve the fund's investment objective. There is no guarantee that the investment techniques, analyses, or judgments that we apply in making investment decisions for the fund will produce the intended outcome or that the investments we select for the fund will perform as well as other securities that were not selected for the fund. As a result, the fund may underperform its benchmark or other funds with a similar investment goal and may realize losses. In addition, we, or the fund's other service providers, may experience disruptions or operating errors that could negatively impact the fund. Although service providers may have operational risk management policies and procedures and take appropriate precautions to avoid and mitigate risks that could lead to disruptions and operating errors, it may not be possible to identify all of the operational risks that may affect the fund or to develop processes and controls to completely eliminate or mitigate their occurrence or effects.
- **Other investments.** In addition to the main investment strategies described above, the fund may make other types of investments, such as investments in preferred stocks, convertible securities and debt instruments. The fund may also invest in cash or cash equivalents, including money market instruments or short-term instruments such as commercial paper, bank obligations (e.g., certificates of deposit and bankers' acceptances), repurchase agreements, and U.S. Treasury bills or other government obligations. The fund may also from time to time invest all or a portion of its cash balances in money market and/or short-term bond funds advised by Putnam Management or its affiliates. The percentage of the fund invested in cash and cash equivalents and such money market and short-term bond funds is expected to vary over time and will depend on various factors, including market conditions, purchase and redemption activity by fund shareholders, and our assessment of the cash level that is appropriate to allow the fund to pursue investment opportunities as they arise and to meet shareholder redemption requests. Large cash positions may dampen performance and may prevent the fund from achieving its goal. The fund may also loan portfolio securities to earn income. These practices may be subject to other risks, as described under *Miscellaneous Investments, Investment Practices and Risks* in the SAI.
- **Temporary defensive strategies.** In response to adverse market, economic, political or other conditions, we may take temporary defensive positions, such as investing some or all of the fund's assets in cash and cash equivalents, that differ from the fund's usual investment strategies. However, we may choose not to use these temporary defensive strategies for a variety of reasons, even in very volatile market

conditions. If we do employ these strategies, the fund may miss out on investment opportunities, and may not achieve its goal. Additionally, while temporary defensive strategies are mainly designed to limit losses, they may not work as intended.

- **Changes in policies.** The Trustees may change the fund's goal, investment strategies and other policies set forth in this prospectus without shareholder approval, except as otherwise provided in the prospectus or SAI.
- **Portfolio turnover rate.** The fund's portfolio turnover rate measures how frequently the fund buys and sells investments. A portfolio turnover rate of 100%, for example, would mean that the fund sold and replaced securities valued at 100% of the fund's assets within a one-year period. From time to time the fund may engage in frequent trading. Funds with high turnover may be more likely to realize capital gains that must be distributed to shareholders as taxable income. High turnover may also cause a fund to pay more brokerage commissions and other transaction costs, which may detract from performance. The fund's portfolio turnover rate and the amount of brokerage commissions it pays will vary over time based on market conditions.
- **Portfolio holdings.** The SAI includes a description of the fund's policies with respect to the disclosure of its portfolio holdings. For more specific information on the fund's portfolio, you may visit the Putnam Investments website, putnam.com/individual, where the fund's top 10 holdings and related portfolio information may be viewed monthly beginning approximately 15 days after the end of each month, and full portfolio holdings may be viewed quarterly beginning on the 8th business day after the end of each calendar quarter. This information will remain available on the website at least until the fund files a Form N-CSR or publicly available Form N-PORT with the SEC for the period that includes the date of the information, after which such information can be found on the SEC's website at <http://www.sec.gov>.

Who oversees and manages the fund?

The fund's Trustees

As a shareholder of a mutual fund, you have certain rights and protections, including representation by a Board of Trustees. The Putnam Funds' Board of Trustees oversees the general conduct of the fund's business and represents the interests of the Putnam fund shareholders. At least 75% of the members of the Putnam Funds' Board of Trustees are independent, which means they are not officers of the fund or affiliated with Putnam Investment Management, LLC (Putnam Management).

The Trustees periodically review the fund's investment performance and the quality of other services such as administration, custody, and investor services. At least annually, the Trustees review the fees paid to Putnam Management and its affiliates for providing or overseeing these services, as well as the overall level of the fund's operating expenses. In carrying out their responsibilities, the Trustees are assisted by an administrative staff, auditors and legal counsel that are selected by the Trustees and are independent of Putnam Management and its affiliates.

Contacting the fund's Trustees

Address correspondence to:
The Putnam Funds Trustees
100 Federal Street
Boston, MA 02110

The fund's investment manager

The Trustees have retained Putnam Management, which has managed mutual funds since 1937, to be the fund's investment manager, responsible for making investment decisions for the fund and managing the fund's other affairs and business. The basis for the Trustees' approval of the fund's management contract and the sub-management contract described below is discussed in the fund's annual report to shareholders dated July 31, 2023.

The fund pays a monthly base management fee to Putnam Management. The base fee is calculated by applying a rate to the fund's average net assets for the month. The rate is based on the monthly average of the aggregate net assets of other open-end funds sponsored by Putnam Management (excluding net assets of such funds that are invested in, or that are invested in by, other such funds to the extent necessary to avoid "double counting" of those assets), and generally declines as the aggregate net assets increase.

The fund's monthly base fee described above is increased or reduced by a performance adjustment. The amount of the performance adjustment is calculated monthly based on a performance adjustment rate that is equal to 0.03 multiplied by the difference between the fund's annualized performance (measured by the fund's class A shares) and the annualized performance of the Russell 1000 Growth Index, each measured over the performance period; provided that the performance adjustment rate for the fund may not exceed 0.12% or be less than -0.12%.

The performance period is the thirty-six-month period then ended. The performance adjustment rate is multiplied by the fund's average net assets over the performance period, divided by twelve, and added to, or subtracted from, the base fee for that month.

Because the performance adjustment is based on the fund's performance relative to its performance index, and not its absolute performance, the performance adjustment could increase Putnam Management's fee even if the fund's shares lose value during the performance period provided that the fund outperformed its performance index, and could decrease Putnam Management's fee even if the fund's shares increase in value during the performance period provided that the fund underperformed its performance index.

The fund paid Putnam Management a management fee (after any applicable waivers or performance adjustments) of 0.46% of average net assets for the fund's last fiscal year.

Putnam Management's address is 100 Federal Street, Boston, MA 02110.

Putnam Management has retained its affiliate PIL to make investment decisions for such fund assets as may be designated from time to time for its management by Putnam Management. PIL is not currently managing any fund assets. If PIL were to manage any fund assets, Putnam Management (and not the fund) would pay a quarterly sub-management fee to PIL for its services at the annual rate of 0.25% of the average net asset value (NAV) of any fund assets managed by PIL. PIL, which provides a full range of international investment advisory services to institutional clients, is located at 16 St James's Street, London, England, SW1A 1ER.

Pursuant to this arrangement, Putnam investment professionals who are based in foreign jurisdictions may serve as portfolio managers of the fund or provide other investment services, consistent with local regulations.

- **Portfolio managers.** The officers of Putnam Management identified below are jointly and primarily responsible for the day-to-day management of the fund's portfolio.

Portfolio managers	Joined fund	Employer	Positions over past five years
Richard Bodzy	2017	Putnam Management 2009 – Present	Portfolio Manager
Gregory McCullough	2019	Putnam Management 2019 – Present Loomis, Sayles & Company 2008 – 2019	Portfolio Manager, Analyst Vice President, Senior Equity Analyst

The SAI provides information about these individuals' compensation, other accounts managed by these individuals and these individuals' ownership of securities in the fund.

How does the fund price its shares?

The price of the fund's shares is based on its NAV. The NAV per share of each class equals the total value of its assets, less its liabilities, divided by the number of its outstanding shares. Shares are only valued as of the scheduled close of regular trading on the NYSE each day the exchange is open.

The fund values its investments for which market quotations are readily available at market value. It values all other investments and assets at their fair value, which may differ from recent market prices. For example, the fund may value a stock traded on a U.S. exchange at its fair value when the exchange closes early or trading in the stock is suspended. It may also value a stock at fair value if recent transactions in the stock have been very limited or if, in the case of a security traded on a market that closes before the NYSE closes, material information about the issuer becomes available after the close of the relevant market.

The fund translates prices for its investments quoted in foreign currencies into U.S. dollars at current exchange rates, which are generally determined as of 4:00 p.m. Eastern Time each day the NYSE is open. As a result, changes in the value of those

currencies in relation to the U.S. dollar may affect the fund's NAV. Because foreign markets may be open at different times than the NYSE, the value of the fund's shares may change on days when shareholders are not able to buy or sell them.

Many securities markets and exchanges outside the U.S. close before the close of the NYSE, and the closing prices for securities in those markets or exchanges may not reflect events that occur after the close but before the scheduled close of regular trading on the NYSE. As a result, the fund has adopted fair value pricing procedures, which, among other things, require the fund to fair value foreign equity securities if there has been a movement in the U.S. market that exceeds a specified threshold that may change from time to time. As noted above, the value determined for an investment using the fund's fair value pricing procedures may differ from recent market prices for the investment.

The fund's most recent NAV is available on Putnam Investments' website at putnam.com/individual or by contacting Putnam Investor Services at 1-800-225-1581.

How do I buy fund shares?

Opening an account

You can open a fund account and purchase class A, B and C shares by contacting your financial representative or Putnam Investor Services at 1-800-225-1581 and obtaining a Putnam account application. Purchases of class B shares are closed to new and existing investors except by exchange from class B shares of another Putnam fund or through dividend and/or capital gains reinvestment. The completed application, along with a check made payable to the fund, must then be returned to Putnam Investor Services at the following address:

Putnam Investments
P.O. Box 219697
Kansas City, MO 64121-9697

You can open a fund account with as little as \$500. The minimum investment is waived if you make regular investments weekly, semi-monthly or monthly through automatic deductions from your bank checking or savings account. Although Putnam is currently waiving the minimum, it reserves the right to reject initial investments under the minimum at its discretion.

The fund sells its shares at the offering price, which is the NAV plus any applicable sales charge (class A shares only). Your financial representative or Putnam Investor Services generally must receive your completed buy order before the close of regular trading on the NYSE for your shares to be bought at that day's offering price.

If you participate in an employer-sponsored retirement plan that offers the fund, please consult your employer for information on how to purchase shares of the fund through the plan, including any restrictions or limitations that may apply.

Federal law requires mutual funds to obtain, verify, and record information that identifies investors opening new accounts. Investors must provide their full name, residential or business address, Social Security or tax identification number, and date of birth. Entities, such as trusts, estates, corporations and partnerships must also provide additional identifying documentation. For trusts, the fund must obtain and verify identifying information for each trustee listed in the account registration. For certain legal entities, the fund must also obtain and verify identifying information regarding beneficial owners and/or control persons. The fund is unable to accept new accounts if any required information is not provided. If Putnam Investor Services cannot verify identifying information after opening your account, the fund reserves the right to close your account at the then-current NAV, which may be more or less than your original investment, net of any applicable sales charges. Putnam Investor Services may share identifying information with third parties for the purpose of verification subject to the terms of Putnam's privacy policy.

Also, the fund may periodically close to new purchases of shares or refuse any order to buy shares if the fund determines that doing so would be in the best interests of the fund and its shareholders.

Purchasing additional shares

Once you have an existing account, you can make additional investments at any time in any amount in the following ways:

- **Through a financial representative.** Your representative will be responsible for furnishing all necessary documents to Putnam Investor Services and may charge you for his or her services.
- **Through Putnam's Systematic Investing Program.** You can make regular investments weekly, semi-monthly or monthly through automatic deductions from your bank checking or savings account.
- **Via the Internet or phone.** If you have an existing Putnam fund account and you have completed and returned an Electronic Investment Authorization Form, you can buy additional shares online at putnam.com or by calling Putnam Investor Services at 1-800-225-1581.
- **By mail.** You may also request a book of investment stubs for your account. Complete an investment stub and write a check for the amount you wish to invest, payable to the fund. Return the check and investment stub to Putnam Investor Services.
- **By wire transfer.** You may buy fund shares by bank wire transfer of same-day funds. Please call Putnam Investor Services at 1-800-225-1581 for wiring instructions. Any commercial bank can transfer same-day funds by wire. The fund will normally accept wired funds for investment on the day received if they are received by the fund's designated bank before the close of regular trading on the NYSE. Your bank may charge you for wiring same-day funds. Although the fund's designated bank does not currently charge you for receiving same-day funds, it reserves the right to charge for this service. You cannot buy shares for employer-sponsored retirement plans by wire transfer.

Which class of shares is best for me?

This prospectus offers you three classes of fund shares: A, B and C. Employer-sponsored retirement plans may also choose class R, R5 or R6 shares, and certain investors described below may also choose class Y or R6 shares. Purchases of class B shares are closed to new and existing investors except by exchange from class B shares of another Putnam fund or through dividend and/or capital gains reinvestment.

Each share class represents investments in the same portfolio of securities, but each class has its own sales charge and expense structure, as illustrated in the *Fund summary — Fees and expenses* section, allowing you and your financial representative to choose the class that best suits your investment needs. When you purchase shares of the fund, you must choose a share class. Deciding which share class best suits your situation depends on a number of factors that you should discuss with your financial representative, including:

- **How long you expect to hold your investment.** Class B shares charge a contingent deferred sales charge (CDSC) on redemptions that is phased out over the first six years; class C shares charge a CDSC on redemptions in the first year.
- **How much you intend to invest.** While investments of less than \$100,000 can be made in any share class, class A offers sales charge discounts starting at \$50,000.
- **Total expenses associated with each share class.** As shown in the section entitled *Fund summary — Fees and expenses*, each share class offers a different combination of up-front and ongoing expenses. Generally, the lower the up-front sales charge, the greater the ongoing expenses.

Here is a summary of the differences among the classes of shares

Class A shares

- Initial sales charge of up to 5.75%
- Lower sales charges available for investments of \$50,000 or more
- No deferred sales charge (except that a deferred sales charge of 1.00% may be imposed on certain redemptions of shares bought without an initial sales charge)
- Lower annual expenses, and higher dividends, than class B or C shares because of lower 12b-1 fees.

Class B shares

- Purchases of class B shares are closed to new and existing investors except by exchange from class B shares of another Putnam fund or through dividend and/or capital gains reinvestment.
- No initial sales charge; your entire investment goes to work immediately
- Deferred sales charge of up to 5.00% if shares are sold within six years of purchase
- Higher annual expenses, and lower dividends, than class A shares because of higher 12b-1 fees

- Convert automatically to class A shares after eight years, thereby reducing future 12b-1 fees.

Class C shares

- No initial sales charge; your entire investment goes to work immediately
- Deferred sales charge of 1.00% if shares are sold within one year of purchase
- Higher annual expenses, and lower dividends, than class A shares because of higher 12b-1 fees
- Convert automatically to class A shares after eight years, thereby reducing future 12b-1 fees, provided that Putnam Investor Services or the financial intermediary through which a shareholder purchased class C shares has records verifying that the class C shares have been held for at least eight years, and that class A shares are available for purchase by residents in the shareholder's jurisdiction. In certain cases, records verifying that the class C shares have been held for at least eight years may not be available (for example, participant level share lot aging may not be tracked by group retirement plan recordkeeping platforms through which class C shares of the fund are held in an omnibus account). If such records are unavailable, Putnam Investor Services or the relevant financial intermediary may not effect the conversion or may effect the conversion on a different schedule determined by Putnam Investor Services or the financial intermediary, which may be shorter or longer than eight years. Investors should consult their financial representative for more information about their eligibility for class C share conversion.
- Orders for class C shares of one or more Putnam funds, other than class C shares sold to employer-sponsored retirement plans, will be refused when the total value of the purchase, plus existing account balances that are eligible to be linked under a right of accumulation for purchases of class A shares (as described below), is \$1,000,000 or more. Investors considering cumulative purchases of \$1,000,000 or more should consider whether class A shares would be more advantageous and consult their financial representative.
- May be exchanged automatically for class A shares if the shareholder is investing through an account or platform with a financial intermediary, to the extent described in the Appendix, provided that class A shares are available for purchase by residents in the shareholder's jurisdiction.

Class R shares (available only to employer-sponsored retirement plans)

- No initial sales charge; your entire investment goes to work immediately
- No deferred sales charge
- Lower annual expenses, and higher dividends, than class B or C shares because of lower 12b-1 fees
- Higher annual expenses, and lower dividends, than class A shares because of higher 12b-1 fees
- No conversion to class A shares, so no reduction in future 12b-1 fees.

Class R5 shares (available only to employer-sponsored retirement plans)

- No initial sales charge; your entire investment goes to work immediately
- No deferred sales charge
- Lower annual expenses, and higher dividends, than class A, B, C or R shares because of no 12b-1 fees
- Lower annual expenses, and higher dividends, than class Y shares because of lower investor servicing fees
- Higher annual expenses, and lower dividends, than class R6 shares because of higher investor servicing fees.

Class R6 shares (available only to investors listed below)

- The following investors may purchase class R6 shares:
 - employer-sponsored retirement plans that are clients of third-party administrators (including affiliates of Putnam) that have entered into agreements with Putnam;
 - investors purchasing shares through an asset-based fee program that is sponsored by a registered broker-dealer or other financial institution;
 - investors purchasing shares through a commission-based platform of a registered broker-dealer or other financial institution that charges you additional fees or commissions, other than those described in the prospectus and statement of additional information, and that has entered into an agreement with Putnam Retail Management to offer class R6 shares through such a program;
 - corporations, endowments, foundations and other institutional investors that have been approved by Putnam;
 - unaffiliated investment companies (whether registered or private) that have been approved by Putnam; and
 - health savings accounts (HSAs) purchasing shares through a registered broker-dealer or other financial institution.
- No initial sales charge; your entire investment goes to work immediately
- No deferred sales charge
- Lower annual expenses, and higher dividends, than class A, B, C or R shares because of no 12b-1 fees and lower investor servicing fees
- Lower annual expenses, and higher dividends, than class R5 or Y shares because of lower investor servicing fees.

Class Y shares (available only to investors listed below)

- The following investors may purchase class Y shares if approved by Putnam:
 - employer-sponsored retirement plans that are clients of third-party administrators (including affiliates of Putnam) that have entered into agreements with Putnam;
 - bank trust departments and trust companies that have entered into agreements with Putnam and offer institutional share class pricing to their clients;

- corporate individual retirement accounts (IRAs) administered by Putnam, if another retirement plan of the sponsor is eligible to purchase class Y shares;
- college savings plans that qualify for tax-exempt treatment under Section 529 of the Internal Revenue Code;
- other Putnam funds and Putnam investment products;
- investors purchasing shares through an asset-based fee program that is sponsored by a registered broker-dealer or other financial institution;
- investors purchasing shares through a commission-based platform of a registered broker-dealer or other financial institution that charges you additional fees or commissions, other than those described in the prospectus and SAL, and that has entered into an agreement with Putnam Retail Management Limited Partnership (PRM) to offer class Y shares through such a program;
- clients of a financial representative who are charged a fee for consulting or similar services;
- corporations, endowments, foundations, and other institutional investors that have been approved by Putnam;
- unaffiliated investment companies (whether registered or private) that have been approved by Putnam;
- current and retired Putnam employees and their immediate family members (including an employee’s spouse, domestic partner, fiancé(e), or other family members who are living in the same household) as well as, in each case, Putnam-offered health savings accounts, IRAs, and other similar tax-advantaged plans solely owned by the foregoing individuals; current and retired directors of Putnam Investments, LLC; current and retired Great-West Life & Annuity Insurance Company employees; and current and retired Trustees of the fund. Upon the departure of any member of this group of individuals from Putnam, Great-West Life & Annuity Insurance Company, or the fund’s Board of Trustees, the member’s class Y shares convert automatically to class A shares, unless the member’s departure is a retirement, as determined by Putnam in its discretion for employees and directors of Putnam and employees of Great-West Life & Annuity Insurance Company and by the Board of Trustees in its discretion for Trustees; provided that conversion will not take place with respect to class Y shares held by former Putnam employees and their immediate family members in health savings accounts where it is not operationally practicable due to platform or other limitations; and
- personal and family member IRAs of registered representatives and other employees of broker-dealers and other financial institutions having a sales agreement with Putnam Retail Management, if (1) the registered representative or other employee is the broker of record or financial representative for the account, (2) the broker-dealer or other financial institution’s policies prohibit the use of class A shares or other classes of fund shares that pay 12b-1 fees in such accounts to

avoid potential prohibited transactions under Internal Revenue Service rules due to the account owners' status as "disqualified persons" under those rules, and (3) the broker-dealer or other financial institution has an agreement with Putnam Retail Management related to the use of class Y shares in these accounts.

Trust companies or bank trust departments that purchased class Y shares for trust accounts may transfer them to the beneficiaries of the trust accounts, who may continue to hold them or exchange them for class Y shares of other Putnam funds. Defined contribution plans (including corporate IRAs) that purchased class Y shares under prior eligibility criteria may continue to purchase class Y shares.

- No initial sales charge; your entire investment goes to work immediately
- No deferred sales charge
- Lower annual expenses, and higher dividends, than class A, B, C or R shares because of no 12b-1 fees.
- Higher annual expenses, and lower dividends, than class R5 or R6 shares because of higher investor servicing fees.

Initial sales charges for class A shares

Amount of purchase at offering price (\$)	Class A sales charge as a percentage of*:	
	Net amount invested	Offering price**
Under 50,000	6.10%	5.75%
50,000 but under 100,000	4.71	4.50
100,000 but under 250,000	3.63	3.50
250,000 but under 500,000	2.56	2.50
500,000 but under 1,000,000	2.04	2.00
1,000,000 and above	NONE	NONE

* Because of rounding in the calculation of offering price and the number of shares purchased, actual sales charges you pay may be more or less than these percentages.

** Offering price includes sales charge.

Reducing your class A sales charge

The fund offers two principal ways for you to qualify for discounts on initial sales charges on class A shares, often referred to as "breakpoint discounts":

- **Right of accumulation.** You can add the amount of your current purchases of class A shares of the fund and other Putnam funds to the value of your existing accounts in the fund and other Putnam funds. Individuals can also include purchases by, and accounts owned by, their spouse and minor children, including accounts established through different financial representatives. For your current purchases, you will pay the initial sales charge applicable to the total value of the linked accounts and purchases, which may be lower than the sales charge otherwise applicable to each of your current purchases. Shares of Putnam money market funds, other than money market fund shares acquired by exchange from other Putnam funds, are not included for purposes of the right of accumulation.

To calculate the total value of your existing accounts and any linked accounts, the fund will use the higher of (a) the current maximum public offering price of those shares or (b) if you purchased the shares after December 31, 2007, the initial value of the total purchases, or, if you held the shares on December 31, 2007, the market value at maximum public offering price on that date, in either case, less the market value on the applicable redemption date of any of those shares that you have redeemed.

- **Statement of intention.** A statement of intention is a document in which you agree to make purchases of class A shares in a specified amount within a period of 13 months. For each purchase you make under the statement of intention, you will pay the initial sales charge applicable to the total amount you have agreed to purchase. While a statement of intention is not a binding obligation on you, if you do not purchase the full amount of shares within 13 months, the fund will redeem shares from your account in an amount equal to the difference between the higher initial sales charge you would have paid in the absence of the statement of intention and the initial sales charge you actually paid.

Account types that may be linked with each other to obtain breakpoint discounts using the methods described above include:

- Individual accounts
- Joint accounts
- Accounts established as part of a retirement plan and IRA accounts (some restrictions may apply)
- Shares of Putnam funds owned through accounts in the name of your dealer or other financial intermediary (with documentation identifying beneficial ownership of shares)
- Accounts held as part of a Section 529 college savings plan managed by Putnam Management (some restrictions may apply)

In order to obtain a breakpoint discount, you should inform your financial representative at the time you purchase shares of the existence of other accounts or purchases that are eligible to be linked for the purpose of calculating the initial sales charge. The fund or your financial representative may ask you for records or other information about other shares held in your accounts and linked accounts, including accounts opened with a different financial representative. Restrictions may apply to certain accounts and transactions. Further details about breakpoint discounts can be found on Putnam Investments' website at putnam.com/individual by selecting *Pricing and performance* from the *Products* drop-down menu and then *About fund costs*, and in the SAI.

- **Additional reductions and waivers of sales charges.** In addition to the breakpoint discount methods described above for class A shares, the fund may sell the classes of shares specified below without a sales charge or CDSC under the circumstances described below. The sales charge and CDSC waiver categories described below do not apply to customers purchasing shares of the fund through any of the

financial intermediaries specified in the Appendix to this prospectus (each, a “Specified Intermediary”).

Different financial intermediaries may impose different sales charges. Please refer to the Appendix for the sales charge or CDSC waivers that are applicable to each Specified Intermediary.

Class A shares

The following categories of investors are eligible to purchase class A shares without payment of a sales charge:

- (i) current and former Trustees of the fund, their family members, business and personal associates; current and former employees of Putnam Management and certain current and former corporate affiliates, their family members, business and personal associates; employer-sponsored retirement plans for the foregoing; and partnerships, trusts or other entities in which any of the foregoing has a substantial interest;
- (ii) clients of administrators or other service providers of employer-sponsored retirement plans (for purposes of this waiver, employer-sponsored retirement plans do not include SEP IRAs, SIMPLE IRAs or SARSEPs) (not applicable to tax-exempt funds);
- (iii) registered representatives and other employees of broker-dealers having sales agreements with Putnam Retail Management; employees of financial institutions having sales agreements with Putnam Retail Management or otherwise having an arrangement with any such broker-dealer or financial institution with respect to sales of fund shares; and their immediate family members (spouses and children under age 21, including step-children and adopted children);
- (iv) a trust department of any financial institution purchasing shares of the fund in its capacity as trustee of any trust (other than a tax-qualified retirement plan trust), through an arrangement approved by Putnam Retail Management, if the value of the shares of the fund and other Putnam funds purchased or held by all such trusts exceeds \$1 million in the aggregate;
- (v) clients of (i) broker-dealers, financial institutions, financial intermediaries or registered investment advisors that charge a fee for advisory or investment services or (ii) broker-dealers, financial institutions, or financial intermediaries that have entered into an agreement with Putnam Retail Management to offer shares through a retail self-directed brokerage account with or without the imposition of a transaction fee;
- (vi) college savings plans that qualify for tax-exempt treatment under Section 529 of the Internal Revenue Code of 1986, as amended (the “Code”); and
- (vii) shareholders reinvesting the proceeds from a Putnam Corporate IRA Plan distribution into a nonretirement plan account.

Administrators and other service providers of employer-sponsored retirement plans are required to enter into contractual arrangements with Putnam Investor Services in order to offer and hold fund shares. Administrators and other service providers of employer-sponsored retirement plans seeking to place trades on behalf of their plan clients should consult Putnam Investor Services as to the applicable requirements.

Class A, class B and class C shares

A CDSC is waived in the event of a redemption under the following circumstances:

- (i) a withdrawal from a Systematic Withdrawal Plan (“SWP”) of up to 12% of the net asset value of the account (calculated as set forth in the SAI);
- (ii) a redemption of shares that are no longer subject to the CDSC holding period therefor;
- (iii) a redemption of shares that were issued upon the reinvestment of distributions by the fund;
- (iv) a redemption of shares that were exchanged for shares of another Putnam fund, provided that the shares acquired in such exchange or subsequent exchanges (including shares of a Putnam money market fund or Putnam Ultra Short Duration Income Fund) will continue to remain subject to the CDSC, if applicable, until the applicable holding period expires; and
- (v) in the case of individual, joint or Uniform Transfers to Minors Act accounts, in the event of death or post-purchase disability of a shareholder, for the purpose of paying benefits pursuant to tax-qualified retirement plans (“Benefit Payments”), or, in the case of living trust accounts, in the event of the death or post-purchase disability of the settlor of the trust.

Additional information about reductions and waivers of sales charges, including deferred sales charges, is included in the SAI. You may consult your financial representative or Putnam Retail Management for assistance.

How do I sell or exchange fund shares?

You can sell your shares back to the fund or exchange them for shares of another Putnam fund any day the NYSE is open, either through your financial representative or directly to the fund.

If you redeem your shares shortly after purchasing them, your redemption payment for the shares may be delayed until the fund collects the purchase price of the shares, which may be up to 7 calendar days after the purchase date.

Regarding exchanges, not all Putnam funds offer all classes of shares or may be open to new investors. If you exchange shares otherwise subject to a deferred sales charge, the transaction will not be subject to the deferred sales charge. When you redeem the shares acquired through the exchange, however, the redemption may be subject to the deferred sales charge, depending upon when and from which fund you originally purchased the shares. The deferred sales charge will be computed using the schedule of any fund into or from which you have exchanged your shares that would result in

your paying the highest deferred sales charge applicable to your class of shares. For purposes of computing the deferred sales charge, the length of time you have owned your shares will be measured from the date of original purchase, unless you originally purchased the shares from another Putnam fund that does not directly charge a deferred sales charge, in which case the length of time you have owned your shares will be measured from the date you exchange those shares for shares of another Putnam fund that does charge a deferred sales charge, and will not be affected by any subsequent exchanges among funds.

- **Selling or exchanging shares through your financial representative.** Your representative must receive your request in proper form before the close of regular trading on the NYSE for you to receive that day's NAV, less any applicable deferred sales charge. Your representative will be responsible for furnishing all necessary documents to Putnam Investor Services on a timely basis and may charge you for his or her services.
- **Selling or exchanging shares directly with the fund.** Putnam Investor Services must receive your request in proper form before the close of regular trading on the NYSE in order to receive that day's NAV, less any applicable deferred sales charge.
- **By mail.** Send a letter of instruction signed by all registered owners or their legal representatives to Putnam Investor Services. If you have certificates for the shares you want to sell or exchange, you must return them unendorsed with your letter of instruction.
- **By telephone.** You may use Putnam's telephone redemption privilege to redeem shares valued at less than \$100,000 unless you have notified Putnam Investor Services of an address change within the preceding 15 days, in which case other requirements may apply. Unless you indicate otherwise on the account application, Putnam Investor Services will be authorized to accept redemption instructions received by telephone. A telephone exchange privilege is currently available. Sale or exchange of shares by telephone is not permitted if there are certificates for your shares. The telephone redemption and exchange privileges may be modified or terminated without notice.
- **Via the Internet.** You may also exchange shares via the Internet at putnam.com/individual.
- **Shares held through your employer's retirement plan.** For information on how to sell or exchange shares of the fund that were purchased through your employer's retirement plan, including any restrictions and charges that the plan may impose, please consult your employer.
- **Additional requirements.** In certain situations, for example, if you sell shares with a value of \$100,000 or more, the signatures of all registered owners or their legal representatives must be guaranteed by a bank, broker-dealer or certain other financial institutions. In addition, Putnam Investor Services usually requires additional documents for the sale of shares by a corporation, partnership, agent or fiduciary, or surviving joint owner. For more information concerning Putnam's signature guarantee and documentation requirements, contact Putnam Investor Services.

The fund also reserves the right to revise or terminate the exchange privilege, limit the amount or number of exchanges or reject any exchange. The fund into which you would like to exchange may also reject your exchange. These actions may apply to all shareholders or only to those shareholders whose exchanges Putnam Management determines are likely to have a negative effect on the fund or other Putnam funds. Consult Putnam Investor Services before requesting an exchange. Ask your financial representative or Putnam Investor Services for prospectuses of other Putnam funds. Some Putnam funds are not available in all states.

Deferred sales charges for class B, class C and certain class A shares

If you sell (redeem) class B shares within six years of purchase, you will generally pay a deferred sales charge according to the following schedule:

Year after purchase	1	2	3	4	5	6	7+
Charge	5%	4%	3%	3%	2%	1%	0%

A deferred sales charge of 1.00% will apply to class C shares if redeemed within one year of purchase. Class A shares that are part of a purchase of \$1 million or more (other than by an employer-sponsored retirement plan) will be subject to a 1.00% deferred sales charge if redeemed within twelve months of purchase.

Deferred sales charges will be based on the lower of the shares' cost and current NAV. Shares not subject to any charge will be redeemed first, followed by shares held longest. You may sell shares acquired by reinvestment of distributions without a charge at any time.

- Payment information.** If your account is held directly with Putnam Investor Services, the fund typically expects to send you payment for your shares the business day after your request is received in good order. If you hold your shares through certain financial intermediaries or financial intermediary programs, receipt of payment for your shares may differ based on industry standard trade settlement practices, as managed by your intermediary. However, it is possible that payment of redemption proceeds, for both accounts held with Putnam Investor Services and those held through a financial intermediary, may take up to seven days. Under unusual circumstances, the fund may suspend redemptions, or postpone payment for more than seven days, as permitted by federal securities law. Under normal market conditions, the fund typically expects to satisfy redemption requests by using holdings of cash and cash equivalents or selling portfolio assets to generate cash. Under stressed market conditions, the fund may also satisfy redemption requests by borrowing under the fund's lines of credit or interfund lending arrangements. For additional information regarding the fund's lines of credit and interfund lending arrangements, please see the SAI.

To the extent consistent with applicable laws and regulations, the fund reserves the right to satisfy all or a portion of a redemption request by distributing securities or other property in lieu of cash ("in-kind" redemptions), under both normal and stressed market conditions. The fund generally expects to use in-kind redemptions only in stressed market conditions or stressed conditions specific to the fund, such

as redemption requests that represent a large percentage of the fund's net assets in order to minimize the effect of the large redemption on the fund and its remaining shareholders. The fund will not use in-kind redemptions for retail investors who hold shares of the fund through a financial intermediary. Any in-kind redemption will be effected through a pro rata distribution of all publicly traded portfolio securities or securities for which quoted bid prices are available, subject to certain exceptions. The securities distributed in an in-kind redemption will be valued in the same manner as they are valued for purposes of computing the fund's net asset value. Once distributed in-kind to an investor, securities may increase or decrease in value before the investor is able to convert them into cash. Any transaction costs or other expenses involved in liquidating securities received in an in-kind redemption will be borne by the redeeming investor. The fund has committed, in connection with an election under Rule 18f-1 under the Investment Company Act of 1940, to pay all redemptions of fund shares by a single shareholder during any 90-day period in cash, up to the lesser of (i) \$250,000 or (ii) 1% of the fund's net assets measured as of the beginning of such 90-day period. For information regarding procedures for in-kind redemptions, please contact Putnam Retail Management. You will not receive interest on uncashed redemption checks.

- **Redemption by the fund.** If you own fewer shares than the minimum set by the Trustees (presently 20 shares), the fund may redeem your shares without your permission and send you the proceeds after providing you with at least 60 days' notice to attain the minimum. To the extent permitted by applicable law, the fund may also redeem shares if you own more than a maximum amount set by the Trustees. There is presently no maximum, but the Trustees could set a maximum that would apply to both present and future shareholders.
- **Abandoned Property.** If your account is held directly with Putnam Investor Services and is later deemed "abandoned" or "unclaimed" under state law, the fund may be required to "escheat" (transfer) the shares in your account, or to redeem those shares and remit the proceeds, to the applicable state's unclaimed property division. The state may redeem escheated shares. If you subsequently seek to reclaim from the state the proceeds of any sale of your shares, you may only be able to recover the amount received when the shares were sold (and not the amount those shares are worth currently). It is your responsibility to maintain a correct address for your account, to keep your account active by contacting Putnam Investor Services by mail, by telephone or through Putnam Investor Services' website, www.putnam.com, and to cash promptly all checks for dividends, capital gains and redemptions. The fund and Putnam Investor Services, Putnam Management, and their respective affiliates will not be liable to fund shareholders or their representatives for good faith efforts to comply with state escheatment laws.

Policy on excessive short-term trading

- **Risks of excessive short-term trading.** Excessive short-term trading activity may reduce the fund's performance and harm all fund shareholders by interfering with portfolio management, increasing the fund's expenses and diluting the fund's NAV. Depending on the size and frequency of short-term trades in the fund's shares,

the fund may experience increased cash volatility, which could require the fund to maintain undesirably large cash positions or buy or sell portfolio securities it would not have bought or sold otherwise. The need to execute additional portfolio transactions due to these cash flows may also increase the fund's brokerage and administrative costs and, for investors in taxable accounts, may increase taxable distributions received from the fund.

When the fund invests in foreign securities, its performance may be adversely impacted and the interests of longer-term shareholders may be diluted as a result of time-zone arbitrage, a short-term trading practice that seeks to exploit changes in the value of the fund's investments that result from events occurring after the close of the foreign markets on which the investments trade, but prior to the later close of trading on the NYSE, the time as of which the fund determines its NAV. If an arbitrageur is successful, he or she may dilute the interests of other shareholders by trading shares at prices that do not fully reflect their fair value.

When the fund invests in securities that may trade infrequently or may be more difficult to value, such as securities of smaller companies, it may be susceptible to trading by short-term traders who seek to exploit perceived price inefficiencies in the fund's investments. In addition, the market for securities of smaller companies may at times show "market momentum," in which positive or negative performance may continue from one day to the next for reasons unrelated to the fundamentals of the issuer. Short-term traders may seek to capture this momentum by trading frequently in the fund's shares, which will reduce the fund's performance and may dilute the interests of other shareholders. Because securities of smaller companies may be less liquid than securities of larger companies, the fund may also be unable to buy or sell these securities at desirable prices when the need arises (for example, in response to volatile cash flows caused by short-term trading). Similar risks may apply if the fund holds other types of less liquid securities, including below-investment-grade bonds.

- **Fund policies.** In order to protect the interests of long-term shareholders of the fund, Putnam Management and the fund's Trustees have adopted policies and procedures intended to discourage excessive short-term trading. The fund seeks to discourage excessive short-term trading by using fair value pricing procedures to value investments under some circumstances. In addition, Putnam Management monitors activity in those shareholder accounts about which it possesses, or otherwise obtains, the necessary information in order to detect excessive short-term trading patterns and takes steps to deter excessive short-term traders.
- **Account monitoring.** Putnam Management's Compliance Department currently uses multiple reporting tools to detect short-term trading activity occurring in accounts for investors held directly with the Putnam funds as well as in accounts held through financial intermediaries. Putnam Management measures excessive short-term trading in the fund by the number of "round trip" transactions within a specified period of time. A "round trip" transaction is defined as a purchase or exchange into a fund followed, or preceded, by a redemption or exchange out of the same fund. If Putnam Management's Compliance Department determines that an

investor has engaged in excessive short-term trading, Putnam Management will issue the investor and/or the investor's financial intermediary, if any, a written warning. Putnam Management's practices for measuring excessive short-term trading activity and issuing warnings may change from time to time. Some types of transactions are exempt from monitoring, including, but not limited to, those in connection with systematic investment or withdrawal plans and reinvestment of dividend and capital gain distributions.

- **Account restrictions.** In addition to these monitoring practices, Putnam Management and the fund reserve the right to reject or restrict purchases or exchanges for any reason. Continued excessive short-term trading activity by an investor or financial intermediary following a warning may lead to termination of the exchange privilege for that investor or the financial intermediary initiating the trades on the investor's behalf. Putnam Management may determine that an investor's trading activity is excessive or otherwise potentially harmful based on various factors, including an investor's or financial intermediary's trading history in the fund or other Putnam funds, and may aggregate activity in multiple accounts in the fund or other Putnam funds that Putnam Management believes are under common ownership or control for purposes of determining whether the activity is excessive. If Putnam Management identifies an investor or financial intermediary engaging in excessive trading, it may revoke certain privileges, such as the telephone exchange privilege or the ability to initiate online exchanges via Putnam's Individual Investor website. Putnam Management may also temporarily or permanently bar the investor or financial intermediary from investing in the fund or other Putnam funds. Putnam Management may take these steps in its discretion even if the investor's activity does not fall within Putnam Management's current monitoring parameters for the fund.
- **Limitations on the fund's policies.** There is no guarantee that these policies will be able to detect excessive short-term trading in all accounts. For example, Putnam Management currently does not have access to sufficient information to identify each investor's trading history, and in certain circumstances there may be operational or technological constraints on its ability to enforce the fund's policies. In addition, even when Putnam Management has sufficient information, its detection methods may not capture all excessive short-term trading.

In particular, many purchase, redemption and exchange orders are received from financial intermediaries that hold omnibus accounts with the fund. Omnibus accounts are accounts in which shares are held in the name of a financial intermediary, such as a retirement plan sponsor, broker, adviser, or third-party administrator or recordkeeper, on behalf of its clients or participants, who are the beneficial owners of the fund shares held in the omnibus account. Putnam Management monitors cash flows into and out of the fund on an ongoing basis. If cash flows or other information indicate that excessive short-term trading may be taking place within an omnibus account, Putnam Management will contact the financial intermediary that maintains the omnibus account to obtain information about trading activity of the beneficial owners and attempt to identify and remedy any excessive trading. However, Putnam Management's ability to monitor and

deter excessive short-term traders in omnibus accounts ultimately depends on the capabilities and cooperation of the financial intermediaries that maintain the omnibus accounts. Financial intermediaries may impose different or additional limits on short-term trading.

Distribution plans and payments to dealers

Putnam funds are distributed primarily through dealers (including any broker, dealer, bank, bank trust department, registered investment advisor, financial planner, retirement plan administrator, and any other institution having a selling, services, or any similar agreement with Putnam Retail Management or one of its affiliates). In order to pay for the marketing of fund shares and services provided to shareholders, the fund has adopted distribution and service (12b-1) plans, which increase the annual operating expenses you pay each year in certain share classes, as shown in the table of annual fund operating expenses in the section *Fund summary — Fees and expenses*. Putnam Retail Management and its affiliates also make additional payments to dealers that do not increase your fund expenses, as described below.

- **Distribution and service (12b-1) plans.** The fund's 12b-1 plans provide for payments at annual rates (based on average net assets) of up to 0.35% on class A shares and 1.00% on class B, class C and class R shares. The Trustees currently limit payments on class A and class R shares to 0.25% and 0.50% of average net assets, respectively. Because these fees are paid out of the fund's assets on an ongoing basis, they will increase the cost of your investment. The higher fees for class B, class C and class R shares may cost you more over time than paying the initial sales charge for class A shares. Because class R shares, unlike class B and class C shares, do not convert to class A shares, class R shares may cost you more over time than class B and class C shares. Class R5, class R6 and class Y shares, for shareholders who are eligible to purchase them, will be less expensive than other classes of shares because they do not bear sales charges or 12b-1 fees.
- **Payments to dealers.** If you purchase your shares through a dealer, your dealer generally receives payments from Putnam Retail Management representing some or all of the sales charges and distribution and service (12b-1) fees, if any, shown in the tables under *Fund summary — Fees and expenses* at the front of this prospectus.

Putnam Retail Management and its affiliates also pay additional compensation to selected dealers in recognition of their marketing support and/or program servicing (each of which is described in more detail below). These payments may create an incentive for a dealer firm or its representatives to recommend or offer shares of the fund or other Putnam funds to its customers. These additional payments are made by Putnam Retail Management and its affiliates and do not increase the amount paid by you or the fund as shown under *Fund summary — Fees and expenses*.

The additional payments to dealers by Putnam Retail Management and its affiliates are generally based on one or more of the following factors: average net assets of a fund attributable to that dealer, sales or net sales of a fund attributable to that dealer, or reimbursement of ticket charges (fees that a dealer firm charges its representatives

for effecting transactions in fund shares), or on the basis of a negotiated lump sum payment for services provided.

Marketing support payments are generally available to most dealers engaging in significant sales of Putnam fund shares. These payments are individually negotiated with each dealer firm, taking into account the marketing support services provided by the dealer, including business planning assistance, educating dealer personnel about the Putnam funds and shareholder financial planning needs, placement on the dealer's preferred or recommended fund company list, access to sales meetings, sales representatives and management representatives of the dealer, market data, as well as the size of the dealer's relationship with Putnam Retail Management. Although the total amount of marketing support payments made to dealers in any year may vary, on average, the aggregate payments are not expected, on an annual basis, to exceed 0.085% of the average net assets of Putnam's retail mutual funds attributable to the dealers.

Program servicing payments, which are paid in some instances to dealers in connection with investments in the fund through dealer platforms and other investment programs, are not expected, with certain limited exceptions, to exceed 0.20% of the total assets in the program on an annual basis. These payments are made for program or platform services provided by the dealer, including shareholder recordkeeping, reporting, or transaction processing, as well as services rendered in connection with dealer platform development and maintenance, fund/investment selection and monitoring, or other similar services.

You can find a list of all dealers to which Putnam made marketing support and/or program servicing payments in 2022 in the SAI, which is on file with the SEC and is also available on Putnam's website at putnam.com. You can also find other details in the SAI about the payments made by Putnam Retail Management and its affiliates and the services provided by your dealer. Your dealer may charge you fees or commissions in addition to those disclosed in this prospectus. You can also ask your dealer about any payments it receives from Putnam Retail Management and its affiliates and any services your dealer provides, as well as about fees and/or commissions it charges.

- **Other payments.** Putnam Retail Management and its affiliates may make other payments (including payments in connection with educational seminars or conferences) or allow other promotional incentives to dealers to the extent permitted by SEC and NASD (as adopted by FINRA) rules and by other applicable laws and regulations. The fund's transfer agent may also make payments to certain financial intermediaries in recognition of subaccounting or other services they provide to shareholders or plan participants who invest in the fund or other Putnam funds through their retirement plan. See the discussion in the SAI under *Management — Investor Servicing Agent* for more details.

Fund distributions and taxes

The fund normally distributes any net investment income and any net realized capital gains annually. You may choose to reinvest distributions from net investment income, capital gains or both in additional shares of your fund or other Putnam funds, or you may receive them in cash in the form of a check or an electronic deposit to your bank account. If you do not select an option when you open your account, all distributions will be reinvested. If you choose to receive distributions in cash, but correspondence from the fund or Putnam Investor Services is returned as “undeliverable,” the distribution option on your account may be converted to reinvest future distributions in the fund. You will not receive interest on uncashed distribution checks.

For shares purchased through your employer’s retirement plan, the terms of the plan will govern how the plan may receive distributions from the fund.

For federal income tax purposes, distributions of net investment income are generally taxable to you as ordinary income. Taxes on distributions of capital gains are determined by how long the fund owned (or is deemed to have owned) the investments that generated them, rather than by how long you have owned (or are deemed to have owned) your shares. Distributions that the fund properly reports to you as gains from investments that the fund owned for more than one year are generally taxable to you as long-term capital gains includible in net capital gain and taxed to individuals at reduced rates. Distributions of gains from investments that the fund owned for one year or less are generally taxable to you as ordinary income. Distributions that the fund properly reports to you as “qualified dividend income” are taxable at the reduced rates applicable to your net capital gain provided that both you and the fund meet certain holding period and other requirements. Distributions are taxable in the manner described in this paragraph whether you receive them in cash or reinvest them in additional shares of this fund or other Putnam funds.

Distributions by the fund to retirement plans that qualify for tax-advantaged treatment under federal income tax laws will not be taxable. Special tax rules apply to investments through such plans. You should consult your tax advisor to determine the suitability of the fund as an investment through such a plan and the tax treatment of distributions (including distributions of amounts attributable to an investment in the fund) from such a plan.

Unless you are investing through a tax-advantaged retirement account (such as an IRA), you should consider avoiding a purchase of fund shares shortly before the fund makes a distribution because doing so may cost you money in taxes. Distributions are taxable to you even if they are paid from income or gains earned by the fund before your investment (and thus were included in the price you paid). Contact your financial representative or Putnam to find out the distribution schedule for your fund.

The fund’s investments in foreign securities, if any, may be subject to foreign withholding or other taxes. In that case, the fund’s return on those investments would be decreased. Shareholders generally will not be entitled to claim a credit or deduction with respect to these foreign taxes. In addition, the fund’s investments

in foreign securities or foreign currencies may increase or accelerate the fund's recognition of ordinary income and may affect the timing or amount of the fund's distributions.

The fund's use of derivatives, if any, may affect the amount, timing and character of distributions to shareholders and, therefore, may increase the amount of taxes payable by shareholders.

Any gain resulting from the sale or exchange of your shares generally also will be subject to tax.

The above is a general summary of the tax implications of investing in the fund. Please refer to the SAI for further details. You should consult your tax advisor for more information on your own tax situation, including possible foreign, state and local taxes.

Information about the Summary Prospectus, Prospectus, and SAI

The summary prospectus, prospectus, and SAI for a fund provide information concerning the fund. The summary prospectus, prospectus, and SAI are updated at least annually and any information provided in a summary prospectus, prospectus, or SAI can be changed without a shareholder vote unless specifically stated otherwise. The summary prospectus, prospectus, and the SAI are not contracts between the fund and its shareholders and do not give rise to any contractual rights or obligations or any shareholder rights other than any rights conferred explicitly by federal or state securities laws that may not be waived.

Financial highlights

The financial highlights tables are intended to help you understand the fund's recent financial performance. Certain information reflects financial results for a single fund share. The total returns represent the rate that an investor would have earned or lost on an investment in the fund, assuming reinvestment of all dividends and distributions. Information for the fiscal years ended July 31, 2023 through July 31, 2020 has been audited by PricewaterhouseCoopers LLP, and information for the fiscal year ended July 31, 2019 was audited by the fund's previous independent public accounting firm. The Independent Registered Public Accounting Firm's report and the fund's financial statements are included in the fund's annual report to shareholders, which is available upon request.

Financial highlights

(For a common share outstanding throughout the period)

Period ended	INVESTMENT OPERATIONS				LESS DISTRIBUTIONS	
	Net asset value, beginning of period	Net investment income (loss) ^a	Net realized and unrealized gain (loss) on investments	Total from investment operations	From net investment income	From net realized gain on investments
Class A						
July 31, 2023	\$46.78	(.04)	7.13	7.09	—	(2.97)
July 31, 2022	60.13	(.23)	(7.80)	(8.03)	—	(5.32)
July 31, 2021	48.00	(.26)	14.11	13.85	—	(1.72)
July 31, 2020	37.72	(.06)	11.84	11.78	—	(1.50)
July 31, 2019	35.44	(.05)	4.71	4.66	— ^d	(2.38)
Class B						
July 31, 2023	\$36.58	(.27)	5.33	5.06	—	(2.97)
July 31, 2022	48.48	(.51)	(6.07)	(6.58)	—	(5.32)
July 31, 2021	39.29	(.53)	11.44	10.91	—	(1.72)
July 31, 2020	31.36	(.29)	9.72	9.43	—	(1.50)
July 31, 2019	30.09	(.26)	3.91	3.65	—	(2.38)
Class C						
July 31, 2023	\$37.45	(.29)	5.49	5.20	—	(2.97)
July 31, 2022	49.51	(.51)	(6.23)	(6.74)	—	(5.32)
July 31, 2021	40.09	(.54)	11.68	11.14	—	(1.72)
July 31, 2020	31.98	(.30)	9.91	9.61	—	(1.50)
July 31, 2019	30.63	(.27)	4.00	3.73	—	(2.38)
Class R						
July 31, 2023	\$44.24	(.14)	6.68	6.54	—	(2.97)
July 31, 2022	57.28	(.34)	(7.38)	(7.72)	—	(5.32)
July 31, 2021	45.91	(.37)	13.46	13.09	—	(1.72)
July 31, 2020	36.23	(.15)	11.33	11.18	—	(1.50)
July 31, 2019	34.22	(.13)	4.52	4.39	—	(2.38)
Class R5						
July 31, 2023	\$50.24	.07	7.76	7.83	—	(2.97)
July 31, 2022	64.06	(.11)	(8.39)	(8.50)	—	(5.32)
July 31, 2021	50.91	(.14)	15.01	14.87	—	(1.72)
July 31, 2020	39.82	.04	12.55	12.59	—	(1.50)
July 31, 2019	37.22	.06	4.96	5.02	(.04)	(2.38)
Class R6						
July 31, 2023	\$50.25	.12	7.76	7.88	—	(2.97)
July 31, 2022	64.01	(.04)	(8.40)	(8.44)	—	(5.32)
July 31, 2021	50.83	(.09)	14.99	14.90	—	(1.72)
July 31, 2020	39.72	.08	12.53	12.61	—	(1.50)
July 31, 2019	37.19	.08	4.96	5.04	(.13)	(2.38)

See notes to financial highlights at the end of this section.

			RATIOS AND SUPPLEMENTAL DATA			
Total distributions	Net asset value, end of period	Total return at net asset value (%) ^b	Net assets, end of period (in thousands)	Ratio of expenses to average net assets (%) ^c	Ratio of net investment income (loss) to average net assets (%)	Portfolio turnover (%)
(2.97)	\$50.90	16.93	\$6,034,496	.90	(.09)	34
(5.32)	46.78	(14.92)	5,527,590	.92	(.43)	44
(1.72)	60.13	29.50	6,953,705	.99	(.50)	49
(1.50)	48.00	32.32	5,756,280	1.05	(.15)	45
(2.38)	37.72	14.39	4,586,742	1.03	(.15)	40
(2.97)	\$38.67	16.05	\$14,946	1.65	(.83)	34
(5.32)	36.58	(15.56)	25,940	1.67	(1.18)	44
(1.72)	48.48	28.53	51,057	1.74	(1.24)	49
(1.50)	39.29	31.36	56,457	1.80	(.88)	45
(2.38)	31.36	13.54	60,486	1.78	(.89)	40
(2.97)	\$39.68	16.05	\$116,157	1.65	(.84)	34
(5.32)	37.45	(15.56)	119,507	1.67	(1.18)	44
(1.72)	49.51	28.53	170,111	1.74	(1.24)	49
(1.50)	40.09	31.31	177,417	1.80	(.90)	45
(2.38)	31.98	13.56	153,943	1.78	(.90)	40
(2.97)	\$47.81	16.64	\$14,422	1.15	(.34)	34
(5.32)	44.24	(15.14)	12,524	1.17	(.68)	44
(1.72)	57.28	29.18	14,731	1.24	(.74)	49
(1.50)	45.91	31.99	15,852	1.30	(.40)	45
(2.38)	36.23	14.10	11,933	1.28	(.39)	40
(2.97)	\$55.10	17.25	\$2,898	.64	.16	34
(5.32)	50.24	(14.73)	2,416	.68	(.18)	44
(1.72)	64.06	29.82	3,130	.74	(.25)	49
(1.50)	50.91	32.66	2,299	.78	.10	45
(2.42)	39.82	14.71	1,588	.76	.15	40
(2.97)	\$55.16	17.35	\$700,519	.54	.26	34
(5.32)	50.25	(14.65)	539,847	.58	(.08)	44
(1.72)	64.01	29.93	630,666	.64	(.16)	49
(1.50)	50.83	32.80	456,204	.68	.19	45
(2.51)	39.72	14.83	279,329	.66	.21	40

Financial highlights (Continued)

Period ended	INVESTMENT OPERATIONS				LESS DISTRIBUTIONS	
	Net asset value, beginning of period	Net investment income (loss) ^a	Net realized and unrealized gain (loss) on investments	Total from investment operations	From net investment income	From net realized gain on investments
Class Y						
July 31, 2023	\$49.75	.07	7.66	7.73	—	(2.97)
July 31, 2022	63.48	(.10)	(8.31)	(8.41)	—	(5.32)
July 31, 2021	50.46	(.14)	14.88	14.74	—	(1.72)
July 31, 2020	39.49	.03	12.44	12.47	—	(1.50)
July 31, 2019	36.98	.03	4.95	4.98	(.09)	(2.38)

^a Per share net investment income (loss) has been determined on the basis of the weighted average number of shares outstanding during the period.

^b Total return assumes dividend reinvestment and does not reflect the effect of sales charges.

^c Includes amounts paid through expense offset and/or brokerage/service arrangements, if any. Also excludes acquired fund fees and expenses, if any.

^d Amount represents less than \$0.01 per share.

RATIOS AND SUPPLEMENTAL DATA

Total distributions	Net asset value, end of period	Total return at net asset value (%) ^b	Net assets, end of period (in thousands)	Ratio of expenses to average net assets (%) ^c	Ratio of net investment income (loss) to average net assets (%)	Portfolio turnover (%)
(2.97)	\$54.51	17.22	\$1,774,996	.65	.16	34
(5.32)	49.75	(14.72)	1,507,510	.67	(.18)	44
(1.72)	63.48	29.83	1,948,015	.74	(.26)	49
(1.50)	50.46	32.63	1,149,225	.80	.08	45
(2.47)	39.49	14.71	716,621	.78	.09	40

Appendix

Financial intermediary specific sales charge waiver information

As described in the prospectus, class A shares may be subject to an initial sales charge and class B and C shares may be subject to a CDSC. Certain financial intermediaries may impose different initial sales charges or waive the initial sales charge or CDSC in certain circumstances. This Appendix details the variations in sales charge waivers by financial intermediary. Not all financial intermediaries specify financial intermediary-specific sales charge waiver categories for every share class. For information about sales charges and waivers available for share classes other than those listed below, please see the section “Additional reductions and waivers of sales charges” in the prospectus. You should consult your financial representative for assistance in determining whether you may qualify for a particular sales charge waiver.

AMERIPRISE FINANCIAL

Class A Shares Front-End Sales Charge Waivers Available at Ameriprise Financial:

The following information applies to class A share purchases if you have an account with or otherwise purchase fund shares through Ameriprise Financial:

Shareholders purchasing fund shares through an Ameriprise Financial account are eligible for the following front-end sales charge waivers, which may differ from those disclosed elsewhere in this fund’s prospectus or SAI:

- Employer-sponsored retirement plans (e.g., 401(k) plans, 457 plans, employer-sponsored 403(b) plans, profit sharing and money purchase pension plans and defined benefit plans). For purposes of this provision, employer-sponsored retirement plans do not include SEP IRAs, Simple IRAs or SAR-SEPs.
- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment when purchasing shares of the same Fund (but not any other fund within the same fund family).
- Shares exchanged from Class C shares of the same fund in the month of or following the 7-year anniversary of the purchase date. To the extent that this prospectus elsewhere provides for a waiver with respect to exchanges of Class C shares or conversion of Class C shares following a shorter holding period, that waiver will apply.
- Employees and registered representatives of Ameriprise Financial or its affiliates and their immediate family members.
- Shares purchased by or through qualified accounts (including IRAs, Coverdell Education Savings Accounts, 401(k)s, 403(b) TSCAs subject to ERISA and defined benefit plans) that are held by a covered family member, defined as an Ameriprise financial advisor and/or the advisor’s spouse, advisor’s lineal ascendant (mother, father, grandmother, grandfather, great grandmother, great grandfather), advisor’s lineal descendant (son, step-son, daughter, step-daughter, grandson, granddaughter, great grandson, great granddaughter) or any spouse of a covered family member who is a lineal descendant.

- Shares purchased from the proceeds of redemptions within the same fund family, provided (1) the repurchase occurs within 90 days following the redemption, (2) the redemption and purchase occur in the same account, and (3) redeemed shares were subject to a front-end or deferred sales load (i.e. Rights of Reinstatement).

D.A. DAVIDSON & CO. (“D.A. DAVIDSON”)

Shareholders purchasing fund shares including existing fund shareholders through a D.A. Davidson platform or account, or through an introducing broker-dealer or independent registered investment advisor for which D.A. Davidson provides trade execution, clearance, and/or custody services, will be eligible for the following sales charge waivers (front-end sales charge waivers and contingent deferred, or back-end, sales charge waivers) and discounts, which may differ from those disclosed elsewhere in this prospectus or SAI.

Front-End Sales Charge Waivers on Class A Shares available at D.A. Davidson

- Shares purchased within the same fund family through a systematic reinvestment of capital gains and dividend distributions.
- Shares purchased by employees and registered representatives of D.A. Davidson or its affiliates and their family members as designated by D.A. Davidson.
- Shares purchased from the proceeds of redemptions within the same fund family, provided (1) the repurchase occurs within 90 days following the redemption, (2) the redemption and purchase occur in the same account, and (3) redeemed shares were subject to a front-end or deferred sales charge (known as Rights of Reinstatement).
- A shareholder in the Fund’s Class C shares will have their shares converted at net asset value to Class A shares of the Fund if the shares are no longer subject to a CDSC and the conversion is consistent with D.A. Davidson’s policies and procedures.

CDSC Waivers on Classes A and C shares available at D.A. Davidson

- Death or disability of the shareholder.
- Shares sold as part of a systematic withdrawal plan as described in this prospectus.
- Return of excess contributions from an IRA Account.
- Shares sold as part of a required minimum distribution for IRA or other qualifying retirement accounts pursuant to the Internal Revenue Code.
- Shares acquired through a right of reinstatement.

Front-end sales charge discounts available at D.A. Davidson: breakpoints, rights of accumulation and/or letters of intent

- Breakpoints as described in this prospectus.
- Rights of accumulation which entitle shareholders to breakpoint discounts will be automatically calculated based on the aggregated holding of fund family assets held by accounts within the purchaser’s household at D.A. Davidson. Eligible fund family assets not held at D.A. Davidson may be included in the calculation of rights of accumulation only if the shareholder notifies his or her financial advisor about such assets.

- Letters of intent which allow for breakpoint discounts based on anticipated purchases within a fund family, over a 13-month time period. Eligible fund family assets not held at D.A. Davidson may be included in the calculation of letters of intent only if the shareholder notifies his or her financial advisor about such assets.

EDWARD D. JONES & CO., L.P. (“EDWARD JONES”)

Policies Regarding Transactions Through Edward Jones

The following information has been provided by Edward Jones:

Effective on or after March 1, 2021, the following information supersedes prior information with respect to transactions and positions held in fund shares through an Edward Jones system. Clients of Edward Jones (also referred to as “shareholders”) purchasing fund shares on the Edward Jones commission and fee-based platforms are eligible only for the following sales charge discounts (also referred to as “breakpoints”) and waivers, which can differ from discounts and waivers described elsewhere in the mutual fund prospectus or statement of additional information (“SAI”) or through another broker-dealer. In all instances, it is the shareholder’s responsibility to inform Edward Jones at the time of purchase of any relationship, holdings of fund family, or other facts qualifying the purchaser for discounts or waivers. Edward Jones can ask for documentation of such circumstance. Shareholders should contact Edward Jones if they have questions regarding their eligibility for these discounts and waivers.

Breakpoints

- Breakpoint pricing, otherwise known as volume pricing, at dollar thresholds as described in the prospectus.

Rights of Accumulation (“ROA”)

- The applicable sales charge on a purchase of Class A shares is determined by taking into account all share classes (except certain money market funds and any assets held in group retirement plans) of the mutual fund family held by the shareholder or in an account grouped by Edward Jones with other accounts for the purpose of providing certain pricing considerations (“pricing groups”). If grouping assets as a shareholder, this includes all share classes held on the Edward Jones platform and/or held on another platform. The inclusion of eligible fund family assets in the ROA calculation is dependent on the shareholder notifying Edward Jones of such assets at the time of calculation. Money market funds are included only if such shares were sold with a sales charge at the time of purchase or acquired in exchange for shares purchased with a sales charge.
- The employer maintaining a SEP IRA plan and/or SIMPLE IRA plan may elect to establish or change ROA for the IRA accounts associated with the plan to a plan-level grouping as opposed to including all share classes at a shareholder or pricing group level.
- ROA is determined by calculating the higher of cost minus redemptions or market value (current shares x NAV).

Letter of Intent (“LOI”)

- Through a LOI, shareholders can receive the sales charge and breakpoint discounts for purchases shareholders intend to make over a 13-month period from the date Edward Jones receives the LOI. The LOI is determined by calculating the higher of cost or market value of qualifying holdings at LOI initiation in combination with the value that the shareholder intends to buy over a 13-month period to calculate the front-end sales charge and any breakpoint discounts. Each purchase the shareholder makes during that 13-month period will receive the sales charge and breakpoint discount that applies to the total amount. The inclusion of eligible fund family assets in the LOI calculation is dependent on the shareholder notifying Edward Jones of such assets at the time of calculation. Purchases made before the LOI is received by Edward Jones are not adjusted under the LOI and will not reduce the sales charge previously paid. Sales charges will be adjusted if LOI is not met.
- If the employer maintaining a SEP IRA plan and/or SIMPLE IRA plan has elected to establish or change ROA for the IRA accounts associated with the plan to a plan-level grouping, LOIs will also be at the plan-level and may only be established by the employer.

Sales Charge Waivers

Sales charges are waived for the following shareholders and in the following situations:

- Associates of Edward Jones and its affiliates and their family members who are in the same pricing group (as determined by Edward Jones under its policies and procedures) as the associate. This waiver will continue for the remainder of the associate’s life if the associate retires from Edward Jones in good-standing and remains in good standing pursuant to Edward Jones’ policies and procedures.
- Shares purchased in an Edward Jones fee-based program.
- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment.
- Shares purchased from the proceeds of redeemed shares of the same fund family so long as the following conditions are met: 1) the proceeds are from the sale of shares within 60 days of the purchase, and 2) the sale and purchase are made in the same share class and the same account or the purchase is made in an individual retirement account with proceeds from liquidations in a non-retirement account.
- Shares exchanged into Class A shares from another share class so long as the exchange is into the same fund and was initiated at the discretion of Edward Jones. Edward Jones is responsible for any remaining CDSC due to the fund company, if applicable. Any future purchases are subject to the applicable sales charge as disclosed in the prospectus.
- Exchanges from Class C shares to Class A shares of the same fund, generally, in the 84th month following the anniversary of the purchase date or earlier at the discretion of Edward Jones.

Contingent Deferred Sales Charge (“CDSC”) Waivers

If the shareholder purchases shares that are subject to a CDSC and those shares are redeemed before the CDSC is expired, the shareholder is responsible to pay the CDSC except in the following conditions:

- The death or disability of the shareholder.
- Systematic withdrawals with up to 10% per year of the account value.
- Return of excess contributions from an Individual Retirement Account (IRA).
- Shares sold as part of a required minimum distribution for IRA and retirement accounts if the redemption is taken in or after the year the shareholder reaches qualified age based on applicable Internal Revenue Service regulations.
- Shares sold to pay Edward Jones fees or costs in such cases where the transaction is initiated by Edward Jones.
- Shares exchanged in an Edward Jones fee-based program.
- Shares acquired through NAV reinstatement.
- Shares redeemed at the discretion of Edward Jones for Minimum Balances, as described below.

Other Important Information Regarding Transactions Through Edward Jones

Minimum Purchase Amounts

- Initial purchase minimum: \$250
- Subsequent purchase minimum: none

Minimum Balances

- Edward Jones has the right to redeem at its discretion fund holdings with a balance of \$250 or less. The following are examples of accounts that are not included in this policy:
 - A fee-based account held on an Edward Jones platform
 - A 529 account held on an Edward Jones platform
 - An account with an active systematic investment plan or LOI

Exchanging Share Classes

- At any time it deems necessary, Edward Jones has the authority to exchange at NAV a shareholder’s holdings in a fund to Class A shares of the same fund.

J.P. MORGAN SECURITIES LLC

Effective September 29, 2023, if you purchase or hold fund shares through an applicable J.P. Morgan Securities LLC brokerage account, you will be eligible for the following sales charge waivers (front-end sales charge waivers and contingent deferred sales charge (“CDSC”), or back-end sales charge, waivers), share class conversion policy and discounts, which may differ from those disclosed elsewhere in this fund’s prospectus or Statement of Additional Information (“SAI”).

Front-end sales charge waivers on Class A shares available at J.P. Morgan Securities LLC

- Shares exchanged from Class C (*i.e.*, level-load) shares that are no longer subject to a CDSC and are exchanged into Class A shares of the same fund pursuant to J.P. Morgan Securities LLC's share class exchange policy.
- Qualified employer-sponsored defined contribution and defined benefit retirement plans, nonqualified deferred compensation plans, other employee benefit plans and trusts used to fund those plans. For purposes of this provision, such plans do not include SEP IRAs, SIMPLE IRAs, SAR-SEPs or 501(c)(3) accounts.
- Shares of funds purchased through J.P. Morgan Securities LLC Self-Directed Investing accounts.
- Shares purchased through rights of reinstatement.
- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment when purchasing shares of the same fund (but not any other fund within the fund family).
- Shares purchased by employees and registered representatives of J.P. Morgan Securities LLC, or its affiliates and their spouse or financial dependents as defined by J.P. Morgan Securities LLC.

Class C to Class A share conversion

- A shareholder in the fund's Class C shares will have their shares converted to Class A shares (or the appropriate share class) of the same fund if the shares are no longer subject to a CDSC and the conversion is consistent with J.P. Morgan Securities LLC's policies and procedures.

CDSC waivers on Class A and C Shares available at J.P. Morgan Securities LLC

- Shares sold upon the death or disability of the shareholder.
- Shares sold as part of a systematic withdrawal plan as described in this prospectus.
- Shares purchased in connection with a return of excess contributions from an IRA account.
- Shares sold as part of a required minimum distribution for IRA and retirement accounts pursuant to the Internal Revenue Code.
- Shares acquired through a right of reinstatement.

Front-end load discounts available at J.P. Morgan Securities LLC: breakpoints, rights of accumulation & letters of intent

- Breakpoints as described in this prospectus.
- Rights of Accumulation ("ROA") which entitle shareholders to breakpoint discounts (as described in this prospectus) will be automatically calculated based on the aggregated holding of fund family assets held by accounts within the purchaser's household at J.P. Morgan Securities LLC. Eligible fund family assets not held at J.P. Morgan Securities LLC (including 529 program holdings, where applicable) may be included in the ROA calculation only if the shareholder notifies his or her financial advisor about such assets.

- Letters of Intent (“LOI”) which allow for breakpoint discounts based on anticipated purchases within a fund family, through J.P. Morgan Securities LLC, over a 13-month period of time (if applicable).

JANNEY MONTGOMERY SCOTT LLC (“JANNEY”)

Effective May 1, 2020, if you purchase fund shares through a Janney brokerage account, you will be eligible for the following load waivers (front-end sales charge waivers and contingent deferred sales charge (“CDSC”), or back-end sales charge, waivers) and discounts, which may differ from those disclosed elsewhere in this fund’s Prospectus or SAI.

Front-end sales charge* waivers on Class A shares available at Janney

- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment when purchasing shares of the same fund (but not any other fund within the fund family).
- Shares purchased by employees and registered representatives of Janney or its affiliates and their family members as designated by Janney.
- Shares purchased from the proceeds of redemptions within the same fund family, provided (1) the repurchase occurs within ninety (90) days following the redemption, (2) the redemption and purchase occur in the same account, and (3) redeemed shares were subject to a front-end or deferred sales load (i.e., right of reinstatement).
- Employer-sponsored retirement plans (e.g., 401(k) plans, 457 plans, employer-sponsored 403(b) plans, profit sharing and money purchase pension plans and defined benefit plans). For purposes of this provision, employer-sponsored retirement plans do not include SEP IRAs, Simple IRAs, SAR-SEPs or Keogh plans.
- Class C shares that are no longer subject to a contingent deferred sales charge and are converted to Class A shares of the same fund pursuant to Janney’s policies and procedures.

CDSC waivers on Class A and C shares available at Janney

- Shares sold upon the death or disability of the shareholder.
- Shares sold as part of a systematic withdrawal plan as described in the fund’s Prospectus.
- Shares purchased in connection with a return of excess contributions from an IRA account.
- Shares sold as part of a required minimum distribution for IRA and retirement accounts if the redemption is taken in or after the year the shareholder reaches qualified age based on applicable IRS regulations.
- Shares sold to pay Janney fees but only if the transaction is initiated by Janney.
- Shares acquired through a right of reinstatement.
- Shares exchanged into the same share class of a different fund will not be subject to the deferred sales charge. When you redeem the shares acquired through the exchange, the redemption may be subject to the deferred sales charge, depending upon when and from which fund you originally purchased the shares.

Front-end sales charge* discounts available at Janney: breakpoints, rights of accumulation, and/or letters of intent

- Breakpoints as described in the fund's Prospectus.
- Rights of accumulation ("ROA"), which entitle shareholders to breakpoint discounts, will be automatically calculated based on the aggregated holding of fund family assets held by accounts within the purchaser's household at Janney. Eligible fund family assets not held at Janney may be included in the ROA calculation only if the shareholder notifies his or her financial advisor about such assets.
- Letters of intent which allow for breakpoint discounts based on anticipated purchases within a fund family, over a 13-month time period. Eligible fund family assets not held at Janney may be included in the calculation of letters of intent only if the shareholder notifies his or her financial advisor about such assets.

* Also referred to as an "initial sales charge."

MERRILL LYNCH

Shareholders purchasing fund shares through a Merrill Lynch platform or account held at Merrill Lynch will be eligible only for the following sales charge waivers (front-end sales charge waivers and CDSC waivers) and discounts, which may differ from those disclosed elsewhere in the fund's prospectus or SAI. It is your responsibility to notify your financial representative at the time of purchase of any relationship or other facts qualifying you for sales charge waivers or discounts.

Front-end Sales Charge Waivers on Class A Shares available through Merrill Lynch

- Employer-sponsored retirement, deferred compensation and employee benefit plans (including health savings accounts) and trusts used to fund those plans, provided that the shares are not held in a commission-based brokerage account and shares are held for the benefit of the plan
- Shares purchased by a 529 plan (does not include 529 Plan units or 529-specific share classes or equivalents)
- Shares purchased through a Merrill Lynch-affiliated investment advisory program
- Shares exchanged due to the holdings moving from a Merrill Lynch affiliated investment advisory program to a Merrill Lynch brokerage (non-advisory) account pursuant to Merrill Lynch's policies relating to sales load discounts and waivers
- Shares purchased by third party investment advisors on behalf of their advisory clients through Merrill Lynch's platform
- Shares of funds purchased through the Merrill Edge Self-Directed platform
- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment when purchasing shares of the fund (but not any other Putnam fund)
- Shares exchanged from Class C (i.e. level-load) shares of the same fund pursuant to Merrill Lynch's policies relating to sales load discounts and waivers

- Employees and registered representatives of Merrill Lynch or its affiliates and their family members
- Trustees of the fund, and employees of Putnam Management or any of its affiliates, as described in the fund's prospectus
- Eligible shares purchased from the proceeds of redemptions from a Putnam fund, provided (1) the repurchase occurs within 90 days following the redemption, (2) the redemption and purchase occur in the same account, and (3) redeemed shares were subject to a front-end or deferred sales charge (known as Rights of Reinstatement). Automated transactions (i.e. systematic purchases and withdrawals) and purchases made after shares are automatically sold to pay Merrill Lynch's account maintenance fees are not eligible for reinstatement

CDSC Waivers on A, B and C Shares available through Merrill Lynch

- Death or disability of the shareholder
- Shares sold as part of a systematic withdrawal plan as described in the fund's prospectus
- Return of excess contributions from an IRA Account
- Shares sold as part of a required minimum distribution for IRA and retirement accounts pursuant to the Internal Revenue Code
- Shares sold to pay Merrill Lynch fees but only if the transaction is initiated by Merrill Lynch
- Shares acquired through a right of reinstatement
- Shares held in retirement brokerage accounts that are exchanged for a share class with lower operating expenses due to transfer to certain fee-based accounts or platforms (applicable to A and C shares only)
- Shares received through an exchange due to the holdings moving from a Merrill Lynch affiliated investment advisory program to a Merrill Lynch brokerage (non-advisory) account pursuant to Merrill Lynch's policies relating to sales load discounts and waivers

Front-end Sales Charge Discounts available through Merrill Lynch: Breakpoints, Rights of Accumulation & Letters of Intent

- Breakpoints as described in the fund's prospectus and SAI
- Rights of Accumulation (ROA), which entitle you to breakpoint discounts, as described in the fund's prospectus, will be automatically calculated based on the aggregated holding of fund family assets held by accounts (including 529 program holdings, where applicable) within your household at Merrill Lynch. Eligible Putnam fund assets not held at Merrill Lynch may be included in the ROA calculation only if you notify your financial representative about such assets
- Letters of Intent (LOI), which allow for breakpoint discounts based on anticipated purchases of Putnam funds, through Merrill Lynch, over a 13-month period

MORGAN STANLEY WEALTH MANAGEMENT

Effective July 1, 2018, shareholders purchasing fund shares through a Morgan Stanley Wealth Management transactional brokerage account will be eligible only for the following front-end sales charge waivers with respect to class A shares, which may differ from and may be more limited than those disclosed elsewhere in this fund's Prospectus or SAI.

Front-end Sales Charge Waivers on class A Shares available at Morgan Stanley Wealth Management:

- Employer-sponsored retirement plans (e.g., 401(k) plans, 457 plans, employer-sponsored 403(b) plans, profit sharing and money purchase pension plans and defined benefit plans). For purposes of this provision, employer-sponsored retirement plans do not include SEP IRAs, Simple IRAs, SAR-SEPs or Keogh plans
- Morgan Stanley employee and employee-related accounts according to Morgan Stanley's account linking rules
- Shares purchased through reinvestment of dividends and capital gains distributions when purchasing shares of the same fund
- Shares purchased through a Morgan Stanley self-directed brokerage account
- Class C (i.e., level-load) shares that are no longer subject to a contingent deferred sales charge and are converted to Class A shares of the same fund pursuant to Morgan Stanley Wealth Management's share class conversion program
- Shares purchased from the proceeds of redemptions within the same fund family, provided (i) the repurchase occurs within 90 days following the redemption, (ii) the redemption and purchase occur in the same account, and (iii) redeemed shares were subject to a front-end or deferred sales charge

OPPENHEIMER & CO. INC. ("OPCO")

Effective September 1, 2020, shareholders purchasing Fund shares through an OPCO platform or account are eligible only for the following load waivers (front-end sales charge waivers and contingent deferred, or back-end, sales charge waivers) and discounts, which may differ from those disclosed elsewhere in this Fund's prospectus or SAI.

Front-end Sales Load Waivers on Class A Shares available at OPCO

- Employer-sponsored retirement, deferred compensation and employee benefit plans (including health savings accounts) and trusts used to fund those plans, provided that the shares are not held in a commission-based brokerage account and shares are held for the benefit of the plan
- Shares purchased through an OPCO affiliated investment advisory program
- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment when purchasing shares of the same fund (but not any other fund within the fund family)

- Shares purchased from the proceeds of redemptions within the same fund family, provided (1) the repurchase occurs within 90 days following the redemption, (2) the redemption and purchase occur in the same account, and (3) redeemed shares were subject to a front-end or deferred sales load (known as Rights of Reinstatement).
- A shareholder in the Fund's Class C shares will have their shares converted at net asset value to Class A shares of the Fund if the shares are no longer subject to a CDSC and the conversion is in line with the policies and procedures of OPCO
- Employees and registered representatives of OPCO or its affiliates and their family members

CDSC Waivers on A, B and C Shares available at OPCO

- Death or disability of the shareholder
- Shares sold as part of a systematic withdrawal plan as described in this prospectus
- Return of excess contributions from an IRA Account
- Shares sold as part of a required minimum distribution for IRA and retirement accounts due to the shareholder reaching the qualified age based upon applicable IRS regulations as described in the prospectus
- Shares sold to pay OPCO fees but only if the transaction is initiated by OPCO
- Shares acquired through a right of reinstatement

Front-end Sales Charge Discounts Available at OPCO: Breakpoints & Rights of Accumulation

- Breakpoints as described in this prospectus.
- Rights of Accumulation (ROA), which entitle shareholders to breakpoint discounts, will be automatically calculated based on the aggregated holdings of fund family assets held by accounts within the purchaser's household at OPCO. Eligible fund family assets not held at OPCO may be included in the ROA calculation only if the shareholder notifies his or her financial advisor about such assets

RAYMOND JAMES & ASSOCIATES, INC., RAYMOND JAMES FINANCIAL SERVICES, INC. AND EACH ENTITY'S AFFILIATES ("RAYMOND JAMES")

Effective March 1, 2019, shareholders purchasing fund shares through a Raymond James platform or account, or through an introducing broker-dealer or independent registered investment adviser for which Raymond James provides trade execution, clearance, and/or custody services, will be eligible only for the following load waivers (front-end sales charge waivers and contingent deferred, or back-end, sales charge waivers) and discounts, which may differ from those disclosed elsewhere in this fund's prospectus or SAI.

Front-end sales load waivers on Class A shares available at Raymond James

- Shares purchased in an investment advisory program.
- Shares purchased within the same fund family through a systematic reinvestment of capital gains and dividend distributions.

- Employees and registered representatives of Raymond James or its affiliates and their family members as designated by Raymond James.
- Shares purchased from the proceeds of redemptions within the same fund family, provided (1) the repurchase occurs within 90 days following the redemption, (2) the redemption and purchase occur in the same account, and (3) redeemed shares were subject to a front-end or deferred sales load (known as Rights of Reinstatement).
- A shareholder in the Fund's Class C shares will have their shares converted at net asset value to Class A shares (or the appropriate share class) of the Fund if the shares are no longer subject to a CDSC and the conversion is in line with the policies and procedures of Raymond James.

CDSC Waivers on Classes A, B and C shares available at Raymond James

- Death or disability of the shareholder.
- Shares sold as part of a systematic withdrawal plan as described in the fund's prospectus.
- Return of excess contributions from an IRA Account.
- Shares sold as part of a required minimum distribution for IRA and retirement accounts due to the shareholder reaching the qualified age based on applicable IRS regulations as described in the fund's prospectus.
- Shares sold to pay Raymond James fees but only if the transaction is initiated by Raymond James.
- Shares acquired through a right of reinstatement.

Front-end load discounts available at Raymond James: breakpoints, rights of accumulation, and/or letters of intent

- Breakpoints as described in this prospectus.
- Rights of accumulation which entitle shareholders to breakpoint discounts will be automatically calculated based on the aggregated holding of fund family assets held by accounts within the purchaser's household at Raymond James. Eligible fund family assets not held at Raymond James may be included in the calculation of rights of accumulation only if the shareholder notifies his or her financial advisor about such assets.
- Letters of intent which allow for breakpoint discounts based on anticipated purchases within a fund family, over a 13-month time period. Eligible fund family assets not held at Raymond James may be included in the calculation of letters of intent only if the shareholder notifies his or her financial advisor about such assets.

ROBERT W. BAIRD & CO. ("BAIRD")

Effective September 1, 2020, shareholders purchasing fund shares through a Baird brokerage account will only be eligible for the following sales charge waivers (front-end sales charge waivers and CDSC waivers) and discounts, which may differ from those disclosed elsewhere in this prospectus or the SAI.

Front-End Sales Charge Waivers on Class A shares Available at Baird

- Shares purchased through reinvestment of capital gains distributions and dividend reinvestment when purchasing share of the same fund
- Shares purchased by employees and registered representatives of Baird or its affiliate and their family members as designated by Baird
- Shares purchased from the proceeds of redemptions within the same fund family, provided (1) the repurchase occurs within 90 days following the redemption, (2) the redemption and purchase occur in the same accounts, and (3) redeemed shares were subject to a front-end or deferred sales charge (known as rights of reinstatement)
- A shareholder in the fund's Class C Shares will have their shares converted at net asset value to Class A shares of the fund if the shares are no longer subject to CDSC and the conversion is in line with the policies and procedures of Baird
- Employer-sponsored retirement plans or charitable accounts in a transactional brokerage account at Baird, including 401(k) plans, 457 plans, employer-sponsored 403(b) plans, profit sharing and money purchase pension plans and defined benefit plans. For purposes of this provision, employer-sponsored retirement plans do not include SEP IRAs, Simple IRAs or SAR-SEPs

CDSC Waivers on Class A and C shares Available at Baird

- Shares sold due to death or disability of the shareholder
- Shares sold as part of a systematic withdrawal plan as described in this prospectus
- Shares bought due to returns of excess contributions from an IRA Account
- Shares sold as part of a required minimum distribution for IRA and retirement accounts pursuant to the Internal Revenue Code
- Shares sold to pay Baird fees but only if the transaction is initiated by Baird
- Shares acquired through a right of reinstatement

Front-End Sales Charge Discounts Available at Baird: Breakpoints and/or Rights of Accumulation

- Breakpoints as described in this prospectus
- Rights of accumulation, which entitle shareholders to breakpoint discounts, will be automatically calculated based on the aggregated holding of fund family assets held by accounts within the purchaser's household at Baird. Eligible fund family assets not held at Baird may be included in the rights of accumulation calculation only if the shareholder notifies his or her financial advisor about such assets
- Letters of Intent (LOI) allow for breakpoint discounts based on anticipated purchases within a fund family through Baird, over a 13-month period of time

STIFEL, NICOLAUS & COMPANY, INCORPORATED (“STIFEL”)

Effective September 1, 2020, shareholders purchasing Fund shares through a Stifel platform or account or who own shares for which Stifel or an affiliate is the broker-dealer of record are eligible for the following additional sales charge waiver.

Front-end Sales Charge Waiver on Class A Shares

Class C shares that have been held for more than seven (7) years will be converted to Class A shares of the same Fund pursuant to Stifel's policies and procedures. All other sales charge waivers and reductions described elsewhere in this prospectus or SAI will continue to apply for eligible shareholders.

Class A Sales Charge Waivers Available Only Through Specified Intermediaries

As described in the prospectus, class A shares may be purchased at net asset value without payment of a sales charge through a broker-dealer, financial institution, or financial intermediary that has entered into an agreement with Putnam Retail Management to offer shares through a retail self-directed brokerage account with or without the imposition of a transaction fee.

The following intermediaries have entered into such an agreement:

National Financial Services LLC
Charles Schwab & Co., Inc.
Merrill Lynch, Pierce, Fenner & Smith Incorporated
J.P. Morgan Securities LLC
TD Ameritrade, Inc. and TD Ameritrade Clearing, Inc.
Morgan Stanley Smith Barney LLC
Interactive Brokers LLC
Vanguard Marketing Corporation
Citigroup Global Markets Inc.
E*Trade Securities LLC

For more information about Putnam Large Cap Growth Fund

The fund's SAI and annual and semiannual reports to shareholders include additional information about the fund. The SAI is incorporated by reference into this prospectus, which means it is part of this prospectus for legal purposes. The fund's annual report discusses the market conditions and investment strategies that significantly affected the fund's performance during its last fiscal year. You may get free copies of these materials, request other information about any Putnam fund, or make shareholder inquiries, by contacting your financial representative, by visiting Putnam's website at putnam.com/individual, or by calling Putnam toll-free at 1-800-225-1581. You may access reports and other information about the fund on the EDGAR Database on the Securities and Exchange Commission's website at <http://www.sec.gov>. You may get copies of this information, with payment of a duplication fee, by electronic request at the following E-mail address: publicinfo@sec.gov. You may need to refer to the fund's file number.

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