

A world of investing.®



Putnam Focused Large Cap Value ETF

Semiannual report

2 | 28 | 23



Value funds look for stocks that have been overlooked by other investors and that may be selling for less than their true worth.

FUND SYMBOL
PVAL

Putnam Focused Large Cap Value ETF

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Message from the Trustees

April 12, 2023

Dear Shareholder:

In the first few months of 2023, we have seen continued U.S. economic growth, a strong jobs market, and persistent inflation. Stocks and bonds rallied in January but pulled back when reports of rising prices caused concern that the U.S. Federal Reserve would raise interest rates more than expected. Generally speaking, the Fed wants to slow economic activity to ease price pressures, but without causing a recession.

While Putnam's investment teams are aware of the Fed's balancing act, they remain focused on analyzing companies and individual securities. They see the potential risks in today's economic environment but also monitor how businesses adjust and strive to perform well, even in an uncertain economy. Their insights help them carefully select securities and build portfolios to pursue returns for you.

Thank you for investing with Putnam.

Respectfully yours,



A handwritten signature in black ink that reads "Robert L. Reynolds".

Robert L. Reynolds
President and Chief Executive Officer
Putnam Investments

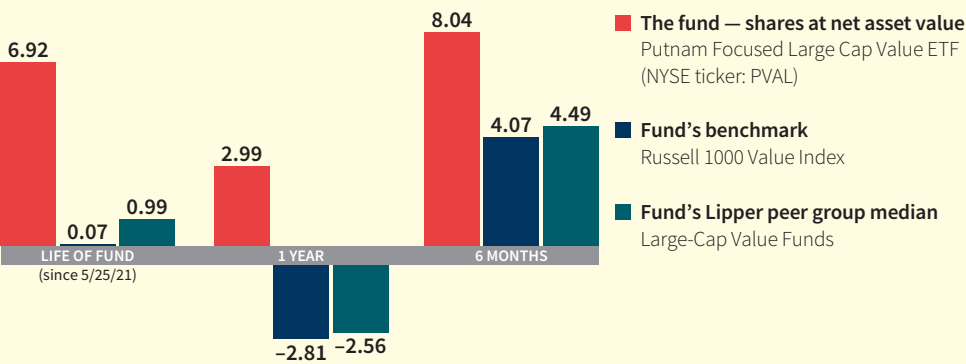


A handwritten signature in black ink that reads "Kenneth R. Leibler".

Kenneth R. Leibler
Chair, Board of Trustees

Performance history as of 2/28/23

Annualized total return (%) comparison

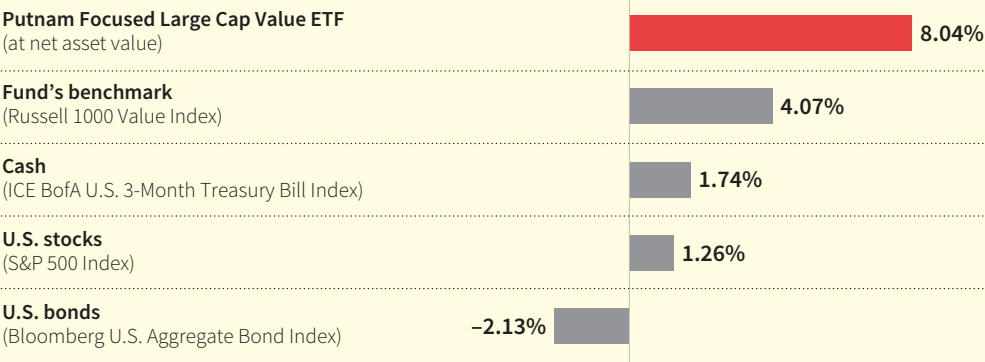


Data are historical. Past performance does not guarantee future results. More recent returns may be less or more than those shown. Share price, principal value, and return will fluctuate, and you may have a gain or a loss when you sell your shares. Performance of fund shares assumes reinvestment of distributions and does not account for taxes. Fund returns in the bar chart are at net asset value (NAV). See below and pages 7–8 for additional performance information, including fund returns at market price. Index results should be compared with fund performance at NAV. To obtain the most recent month-end performance, please visit [putnam.com](https://www.putnam.com) or call 1-833-228-5577.

Returns for periods of less than one year are not annualized.

Lipper peer group median is provided by Lipper, a Refinitiv company.

Recent broad market index and fund performance



This comparison shows your fund's performance in the context of broad market indexes for the six months ended 2/28/23. See above and pages 7–8 for additional fund performance information. Index descriptions can be found on page 11.

All Bloomberg indices are provided by Bloomberg Index Services Limited.

Interview with your fund's portfolio managers

Lauren DeMore and Darren Jaroch discuss the investing environment and fund performance for the six months ended February 28, 2023, and provide an outlook for the fund.



Lauren B. DeMore, CFA
Portfolio Manager

Lauren has a B.A. in Economics from the University of California, Los Angeles. She joined Putnam in 2006 and has been in the investment industry since 2002.



Darren A. Jaroch, CFA
Portfolio Manager

Darren has a B.A. from Hartwick College. He joined Putnam in 1999 and has been in the investment industry since 1996.

How was the investing environment for the reporting period?

Multiple macroeconomic headwinds challenged stock markets during the period. Rising interest rates, supply chain disruptions, the Russia-Ukraine War, and a slowdown in global growth weighed on investor sentiment. To help tame multidecade-high inflation, the U.S. Federal Reserve continued to raise interest rates. Investors feared the Fed's monetary tightening would push the economy into a recession.

By November 2022, the pace of inflation, as measured by the Consumer Price Index, showed signs of easing. Positive corporate earnings results and the prospect of lower interest rates lifted stock performance in late 2022. The new year began on a bright note as stocks posted solid gains in January despite uncertainty about the economy and concerns about a recession. However, those investor worries escalated in February, the final month of the period, and all three major U.S. stock indexes recorded a loss for the month.

Sector allocations

Financials	16.2%
Health care	12.8
Industrials	11.5
Information technology	10.4
Energy	8.5
Consumer staples	7.6
Consumer discretionary	7.4
Materials	6.9
Communication services	6.5
Utilities	4.5
Real estate	4.1
Cash and net other assets	3.6



Allocations are shown as a percentage of the fund's net assets as of 2/28/23. Cash and net other assets, if any, represent the market value weights of cash, derivatives, short-term securities, and other unclassified assets in the portfolio. Summary information may differ from the portfolio schedule included in the financial statements due to the inclusion of derivative securities, any interest accruals, the exclusion of as-of trades, if any, the use of different classifications of securities for presentation purposes, and rounding. Holdings and allocations may vary over time.

Top 10 holdings

HOLDING (PERCENTAGE OF FUND'S NET ASSETS)	INDUSTRY	OVER/UNDERWEIGHT VS. BENCHMARK
Microsoft Corp. (4.2%)	Software	4.2%
Bank of America Corp. (4.1%)	Banks	2.8%
Meta Platforms, Inc. Class A (4.0%)	Interactive media and services	2.3%
American International Group, Inc. (3.8%)	Insurance	3.6%
United Rentals, Inc. (3.7%)	Trading companies and distributors	3.6%
Exxon Mobil Corp. (3.6%)	Oil, gas, and consumable fuels	1.2%
Gaming and Leisure Properties, Inc. (3.3%)	Equity real estate investment trusts	3.2%
ConocoPhillips (3.1%)	Oil, gas, and consumable fuels	2.4%
Regeneron Pharmaceuticals, Inc. (3.0%)	Biotechnology	2.6%
Cigna Corp. (2.9%)	Health care providers and services	2.5%

This table shows the fund's top 10 holdings by percentage of the fund's net assets as of 2/28/23. Short-term investments and derivatives, if any, are excluded. Holdings may vary over time.

“As always, we seek to manage the fund’s sensitivity to macroeconomic challenges through careful portfolio construction and stress testing.”

How did the fund perform for the reporting period?

The fund delivered strong relative performance for the six-month period, posting a return of 8.04% versus the 4.07% return of the benchmark Russell 1000 Value Index. The fund also performed better than the median return of 4.49% for funds in its Lipper peer group.

What were some stocks that helped the fund’s performance relative to the fund’s benchmark during the reporting period?

United Rentals, which specializes in renting construction and industrial equipment, was the top contributor to relative performance. The company benefited from continued strong demand in its end markets. Late in the period, the stock surged when the company announced strong fourth-quarter earnings results and expectations for another year of strong growth.

Also among the top contributors to relative performance was Freeport-McMoRan, a leading international mining company. We added to this position when we believed the stock was undervalued at a time when demand for copper remained high. That demand, along with rising copper prices, boosted the stock during the period.

What were some stocks that detracted from performance during the reporting period?

The top detractor for the period was NRG Energy. The stock declined when the company announced its acquisition of Vivint Smart Home. Many investors did not view this favorably, as it was bigger than previous acquisitions and raised questions about the value it would bring to NRG’s business.

ADVANTAGES OF AN ACTIVE ETF

This ETF (exchange-traded fund) is an actively managed, semi-transparent ETF, making it different from a passive ETF or a traditional active ETF. As a semi-transparent ETF, it does not disclose all of the portfolio holdings on a daily basis. Instead, the fund discloses a daily tracking basket, which helps to protect information about portfolio holdings and their weightings from traders who might try to mimic the trades of the portfolio managers.

Active ETFs may be one of the most cost-effective ways for you to take advantage of active management strategies. They offer:

- **Potential for outperformance:** Active strategies pursue above-benchmark returns through investment research and portfolio positioning.
- **Active risk management:** Proactive research helps to identify better risk/reward potential and seeks to reduce unintended risk.
- **Professional oversight:** Experienced portfolio managers help active ETFs balance risk and return while delivering the ETF’s structural benefits.

Another notable detractor was Microsoft, which struggled along with most large technology companies during the period. Headwinds included concerns about inflation, rising interest rates, and slower technology spending by businesses. Microsoft stock was also challenged as government regulators sought to block its acquisition of gaming company Activision.

What is your outlook for the coming months?

For the foreseeable future, we expect continued volatility and modest returns for equity markets. Labor markets remain tight, which we believe will make inflation an ongoing threat, especially for services, a key component of the Consumer Price Index. While we believe that interest-rate

hikes will end in 2023, we do not expect cuts any time soon. We believe the Fed is likely to hold rates at the peak level for longer than many investors expect. As always, we seek to manage the fund's sensitivity to macroeconomic challenges through careful portfolio construction and stress testing.

Thank you, Lauren and Darren, for your time and insights today.

The views expressed in this report are exclusively those of Putnam Management and are subject to change. They are not meant as investment advice.

Please note that the holdings discussed in this report may not have been held by the fund for the entire period. Portfolio composition is subject to review in accordance with the fund's investment strategy and may vary in the future. Current and future portfolio holdings are subject to risk. Statements in the Q&A concerning the fund's performance or portfolio composition relative to those of the fund's Lipper peer group may reference information produced by Lipper Inc. or through a third party.

Comparison of top sector shifts

SECTOR	8/31/22	2/28/23	CHANGE
Utilities	6.5%	4.5%	-2.0%
Communication services	5.3%	6.5%	1.2%
Health care	13.9%	12.8%	-1.1%
Financials	15.2%	16.2%	1.0%
Real estate	5.1%	4.1%	-1.0%

This table shows the fund's largest allocation shifts, by percentage, over the past six months. Allocations are shown as a percentage of the fund's net assets. Current period summary information may differ from the portfolio schedule included in the financial statements due to the inclusion of derivative securities, any interest accruals, the exclusion of as-of trades, if any, the use of different classifications of securities for presentation purposes, and rounding. Holdings and allocations may vary over time.

Your fund's performance

This section shows your fund's performance, price, and distribution information for periods ended February 28, 2023, the end of the first half of its current fiscal year. We also include performance information as of the most recent calendar quarter-end. Performance should always be considered in light of a fund's investment strategy. Data represent past performance. Past performance does not guarantee future results. More recent returns may be less or more than those shown. Investment return, net asset value, and market price will fluctuate, and you may have a gain or a loss when you sell your shares. For the most recent month-end performance, please visit putnam.com or call 1-833-228-5577.

Annualized fund performance Total return for periods ended 2/28/23

	Life of fund (since 5/25/21)	1 year	6 months
Net asset value	6.92%	2.99%	8.04%
Market price	7.03	3.30	7.70

Current performance may be lower or higher than the quoted past performance, which cannot guarantee future results. Performance assumes reinvestment of distributions and does not account for taxes. Performance includes the deduction of management fees. Returns for periods of less than one year are not annualized.

Comparative annualized index returns For periods ended 2/28/23

	Life of fund (since 5/25/21)	1 year	6 months
Russell 1000 Value Index	0.07%	-2.81%	4.07%
Lipper Large-Cap Value Funds category median*	0.99	-2.56	4.49

Index and Lipper results should be compared with fund performance at net asset value. Returns for periods of less than one year are not annualized. Lipper peer group median is provided by Lipper, a Refinitiv company.

* Over the 6-month, 1-year, and life-of-fund periods ended 2/28/23, there were 370, 359, and 353 funds, respectively, in this Lipper category.

Fund price and distribution information For the six-month period ended 2/28/23

Distributions		
Number	2	
Income	\$0.160	
Capital gains	—	
Total	\$0.160	
Share value	Net asset value	Market price
8/31/22	\$25.90	\$26.03
2/28/23	27.82	27.87

The classification of distributions, if any, is an estimate. Final distribution information will appear on your year-end tax forms.

Annualized fund performance as of most recent calendar quarter

Total return for periods ended 3/31/23

	Life of fund (since 5/25/21)	1 year	6 months
Net asset value	6.38%	−0.82%	16.90%
Market price	6.43	−0.97	16.95

See the discussion following the fund performance table on page 7 for information about the calculation of fund performance.

Returns for periods of less than one year are not annualized.

Your fund’s expenses

As an investor, you pay ongoing expenses, such as management fees, and other expenses (with certain exceptions). In the most recent six-month period, your fund’s expenses were limited; had expenses not been limited, they would have been higher. Using the following information, you can estimate how these expenses affect your investment and compare them with the expenses of other funds. You may also pay brokerage commissions in connection with your purchase or sale of shares of the fund, which are not shown in this section and would have resulted in higher total expenses. The expenses shown in the example also do not reflect transaction costs, which would have resulted in higher total expenses. For more information, see your fund’s prospectus or talk to your financial representative.

Expense ratios

Total annual operating expenses for the fiscal year ended 8/31/22	0.55%
Annualized expense ratio for the six-month period ended 2/28/23*	0.56%

Fiscal year expense information in this table is taken from the most recent prospectus, is subject to change, and may differ from that shown for the annualized expense ratio and in the financial highlights of this report.

Expenses are shown as a percentage of average net assets.

* Includes one-time annualized proxy cost of 0.01%.

Expenses per \$1,000

The following table shows the expenses you would have paid on a \$1,000 investment in the fund from 9/1/22 to 2/28/23. It also shows how much a \$1,000 investment would be worth at the close of the period, assuming *actual returns* and expenses.

Expenses paid per \$1,000†	\$2.89
Ending value (after expenses)	\$1,080.40

* Expenses are calculated using the fund’s annualized expense ratio, which represents the ongoing expenses as a percentage of average net assets for the six months ended 2/28/23.

† Expenses are calculated by multiplying the expense ratio by the average account value for the period; then multiplying the result by the number of days in the period (181); and then dividing that result by the number of days in the year (365).

Estimate the expenses you paid

To estimate the ongoing expenses you paid for the six months ended 2/28/23, use the following calculation method. To find the value of your investment on 9/1/22, call 1-833-228-5577.

How to calculate the expenses you paid

Value of your investment on 9/1/22 ÷ \$1,000 X Expenses paid per \$1,000 = Total expenses paid

Example Based on a \$10,000 investment in your fund.

\$10,000 ÷ \$1,000 X \$2.89 (see preceding table) = \$28.90

Compare expenses using the SEC’s method

The Securities and Exchange Commission (SEC) has established guidelines to help investors assess fund expenses. Per these guidelines, the following table shows your fund’s expenses based on a \$1,000 investment, assuming a *hypothetical 5% annualized return*. You can use this information to compare the ongoing expenses (but not transaction expenses or total costs) of investing in the fund with those of other funds. All shareholder reports will provide this information to help you make this comparison. Please note that you cannot use this information to estimate your actual ending account balance and expenses paid during the period.

Expenses paid per \$1,000*†	\$2.81
Ending value (after expenses)	\$1,022.02

* Expenses are calculated using the fund’s annualized expense ratio, which represents the ongoing expenses as a percentage of average net assets for the six months ended 2/28/23.

† Expenses are calculated by multiplying the expense ratio by the average account value for the six-month period; then multiplying the result by the number of days in the six-month period (181); and then dividing that result by the number of days in the year (365).

Consider these risks before investing

Value stocks may fail to rebound, and the market may not favor value-style investing. Income provided by the fund may be reduced by changes in the dividend policies of, and the capital resources available at, the companies in which the fund invests. 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; geopolitical events or changes; 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.

The fund publishes each business day on its website a "Tracking Basket," the structure of which may affect the price at which shares of the fund trade in the secondary market. ETFs trading on the basis of a published Tracking Basket may trade at a wider bid/ask spread than ETFs that publish their portfolios on a daily basis, and therefore, may cost investors more to trade. Additionally, unlike ETFs that publicly disclose their complete portfolio holdings each business day, the fund provides certain other information intended to allow market participants to estimate the value of positions in fund shares, and there is no guarantee the fund's arbitrage mechanism will operate as intended and that the fund will not experience wide bid/ask spreads and/or large discount or premiums to NAV. Disruptions to creations and redemptions, the existence of extreme market volatility, or potential lack of an active trading market for the fund's shares may result in the fund's shares trading significantly above (at a premium) or below (at a discount) to NAV.

The fund also has a limited public trading history, and there can be no assurance that an active trading market will develop or be maintained or that the market for fund shares will operate as intended. As a result, it may cost investors more to trade fund shares than shares of other ETFs.

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. International investing involves currency, economic, and political risks.

Our investment techniques, analyses, and judgments may not produce the outcome we intend. The investments we select for the fund may not perform as well as other securities that we do not select for the fund. We, or the fund's other service providers, may experience disruptions or operating errors that could have a negative effect on the fund. You can lose money by investing in the fund.

Terms and definitions

Important terms

Total return shows how the value of the fund's shares changed over time, assuming you held the shares through the entire period and reinvested all distributions in the fund.

Net asset value (NAV) is the value of all your fund's assets, minus any liabilities, divided by the number of outstanding shares.

Market price is the current trading price of one share of the fund. Market prices are set by transactions between buyers and sellers on exchanges such as the New York Stock Exchange.

Comparative indexes

Bloomberg U.S. Aggregate Bond Index is an unmanaged index of U.S. investment-grade fixed income securities.

ICE BofA (Intercontinental Exchange Bank of America) U.S. 3-Month Treasury Bill Index is an unmanaged index that seeks to measure the performance of U.S. Treasury bills available in the marketplace.

Russell 1000® Value Index is an unmanaged index of those companies in the large-cap Russell 1000 Index chosen for their value orientation.

S&P 500® Index is an unmanaged index of common stock performance.

Indexes assume reinvestment of all distributions and do not account for fees. Securities and performance of a fund and an index will differ. You cannot invest directly in an index.

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Lipper, a Refinitiv company, is a third-party industry-ranking entity that ranks funds. Its rankings do not reflect sales charges. Lipper rankings are based on total return at net asset value relative to other funds that have similar current investment styles or objectives as determined by Lipper. Lipper may change a fund's category assignment at its discretion. Lipper category medians reflect performance trends for funds within a category.

Other information for shareholders

Important notice regarding delivery of shareholder documents

In accordance with Securities and Exchange Commission (SEC) regulations, Putnam sends a single notice of internet availability, or a single printed copy, of annual and semiannual shareholder reports, prospectuses, and proxy statements to Putnam shareholders who share the same address, unless a shareholder requests otherwise. If you prefer to receive your own copy of these documents, please call Putnam at 1-800-225-1581, or, for exchange-traded funds only, 1-833-228-5577. We will begin sending individual copies within 30 days.

Proxy voting

Putnam is committed to managing our funds in the best interests of our shareholders. The Putnam funds' proxy voting guidelines and procedures, as well as information regarding how your fund voted proxies relating to portfolio securities during the 12-month period ended June 30, 2022, are available in the Individual Investors section of putnam.com and on the SEC's website, www.sec.gov. If you have questions about finding forms on the SEC's website, you may call the SEC at 1-800-SEC-0330. You may also obtain the Putnam funds' proxy voting guidelines and procedures at no charge by calling Putnam's Shareholder Services at 1-800-225-1581, or, for exchange-traded funds only, 1-833-228-5577.

Fund portfolio holdings

The fund will file a complete schedule of its portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-PORT within 60 days of the end of such fiscal quarter. Shareholders may obtain the fund's Form N-PORT on the SEC's website at www.sec.gov.

Trustee and employee fund ownership

Putnam employees and members of the Board of Trustees place their faith, confidence, and, most importantly, investment dollars in Putnam funds. As of February 28, 2023, Putnam employees had approximately \$450,000,000 and the Trustees had approximately \$63,000,000 invested in Putnam funds. These amounts include investments by the Trustees' and employees' immediate family members as well as investments through retirement and deferred compensation plans.

Financial statements

These sections of the report, as well as the accompanying Notes, constitute the fund's financial statements.

The fund's portfolio lists all the fund's investments and their values as of the last day of the reporting period. Holdings are organized by asset type and industry sector, country, or state to show areas of concentration and diversification.

Statement of assets and liabilities shows how the fund's net assets and share price are determined. All investment and non-investment assets are added together. Any unpaid expenses and other liabilities are subtracted from this total. The result is divided by the number of shares to determine the net asset value per share, which is calculated separately for each class of shares. (For funds with preferred shares, the amount subtracted from total assets includes the liquidation preference of preferred shares.)

Statement of operations shows the fund's net investment gain or loss. This is done by first adding up all the fund's earnings — from dividends and interest income — and subtracting its operating expenses to determine net investment income (or loss). Then, any net gain or loss the fund realized on the sales of its holdings — as well as any unrealized gains or losses over the period — is added to or subtracted from the net investment

result to determine the fund's net gain or loss for the fiscal period.

Statement of changes in net assets shows how the fund's net assets were affected by the fund's net investment gain or loss, by distributions to shareholders, and by changes in the number of the fund's shares. It lists distributions and their sources (net investment income or realized capital gains) over the current reporting period and the most recent fiscal year-end. The distributions listed here may not match the sources listed in the Statement of operations because the distributions are determined on a tax basis and may be paid in a different period from the one in which they were earned. Dividend sources are estimated at the time of declaration. Actual results may vary. Any non-taxable return of capital cannot be determined until final tax calculations are completed after the fund's fiscal period.

Financial highlights provide an overview of the fund's investment results, per-share distributions, expense ratios, net investment income ratios, and portfolio turnover (not required for money market funds) in one summary table, reflecting the five most recent reporting periods. In a semiannual report, the highlights table also includes the current reporting period.

The fund's portfolio 2/28/23 (Unaudited)

COMMON STOCKS (96.4%)*	Shares	Value
Aerospace and defense (1.8%)		
Northrop Grumman Corp.	5,980	\$2,775,378
		2,775,378
Airlines (1.2%)		
Southwest Airlines Co.	52,433	1,760,700
		1,760,700
Automobiles (2.1%)		
General Motors Co.	80,125	3,104,043
		3,104,043
Banks (6.0%)		
Bank of America Corp.	178,165	6,111,060
Citigroup, Inc.	58,010	2,940,527
		9,051,587
Beverages (2.1%)		
Coca-Cola Co. (The)	53,416	3,178,786
		3,178,786
Biotechnology (4.2%)		
AbbVie, Inc.	11,934	1,836,643
Regeneron Pharmaceuticals, Inc. †	5,923	4,503,968
		6,340,611
Building products (2.7%)		
Johnson Controls International PLC	65,277	4,094,173
		4,094,173
Capital markets (2.9%)		
Goldman Sachs Group, Inc. (The)	12,235	4,302,438
		4,302,438
Chemicals (3.1%)		
Corteva, Inc.	38,575	2,402,837
Eastman Chemical Co.	26,708	2,275,522
		4,678,359
Containers and packaging (1.1%)		
Ball Corp.	29,301	1,647,009
		1,647,009
Diversified financial services (2.7%)		
Apollo Global Management, Inc.	56,382	3,997,484
		3,997,484
Electric utilities (4.5%)		
Constellation Energy Corp.	23,908	1,790,470
Exelon Corp.	79,678	3,218,194
NRG Energy, Inc.	53,416	1,751,511
		6,760,175
Equity real estate investment trusts (REITs) (4.1%)		
American Tower Corp.	5,923	1,172,813
Gaming and Leisure Properties, Inc.	91,995	4,956,691
		6,129,504
Food and staples retailing (3.6%)		
BJ's Wholesale Club Holdings, Inc. †	29,985	2,152,923
Walmart, Inc.	23,026	3,272,685
		5,425,608

COMMON STOCKS (96.4%)* cont.	Shares	Value
Health-care providers and services (4.8%)		
Cigna Corp.	14,945	\$4,365,435
McKesson Corp.	8,204	2,869,841
		7,235,276
Hotels, restaurants, and leisure (2.3%)		
Hilton Worldwide Holdings, Inc.	23,740	3,430,667
		3,430,667
Household durables (1.4%)		
PulteGroup, Inc.	38,575	2,108,895
		2,108,895
Household products (1.9%)		
Procter & Gamble Co. (The)	20,770	2,857,121
		2,857,121
Insurance (4.7%)		
American International Group, Inc.	92,870	5,675,286
Assured Guaranty, Ltd.	23,603	1,473,063
		7,148,349
Interactive media and services (4.0%)		
Meta Platforms, Inc. Class A †	34,448	6,026,333
		6,026,333
Life sciences tools and services (1.1%)		
Thermo Fisher Scientific, Inc.	2,981	1,614,987
		1,614,987
Media (1.1%)		
Charter Communications, Inc. Class A †	4,421	1,625,204
		1,625,204
Metals and mining (2.7%)		
Freeport-McMoRan, Inc. (Indonesia)	97,923	4,011,905
		4,011,905
Oil, gas, and consumable fuels (8.5%)		
ConocoPhillips	44,506	4,599,695
Exxon Mobil Corp.	49,076	5,393,943
Valero Energy Corp.	20,765	2,735,373
		12,729,011
Pharmaceuticals (2.7%)		
Sanofi ADR (France)	85,568	4,008,861
		4,008,861
Road and rail (2.0%)		
Union Pacific Corp.	14,832	3,074,377
		3,074,377
Semiconductors and semiconductor equipment (4.0%)		
NXP Semiconductors NV	17,798	3,176,587
Qualcomm, Inc.	23,084	2,851,567
		6,028,154
Software (6.4%)		
Microsoft Corp.	25,247	6,297,107
Oracle Corp.	38,571	3,371,105
		9,668,212
Specialty retail (1.6%)		
O'Reilly Automotive, Inc. †	2,981	2,474,528
		2,474,528

COMMON STOCKS (96.4%)* <i>cont.</i>	Shares	Value
Trading companies and distributors (3.7%)		
United Rentals, Inc.	11,878	\$5,565,199
		5,565,199
Wireless telecommunication services (1.4%)		
T-Mobile US, Inc. †	14,832	2,108,813
		2,108,813
Total common stocks (cost \$135,749,947)		\$144,961,747

SHORT-TERM INVESTMENTS (3.5%)*	Shares	Value
Putnam Government Money Market Fund Class P 4.18% ^L	5,290,461	\$5,290,461
Total short-term investments (cost \$5,290,461)		\$5,290,461

TOTAL INVESTMENTS		
Total investments (cost \$141,040,408)		\$150,252,208

Key to holding's abbreviations

ADR American Depositary Receipts: Represents ownership of foreign securities on deposit with a custodian bank.

Notes to the fund's portfolio

Unless noted otherwise, the notes to the fund's portfolio are for the close of the fund's reporting period, which ran from September 1, 2022 through February 28, 2023 (the reporting period). Within the following notes to the portfolio, references to "Putnam Management" represent Putnam Investment Management, LLC, the fund's manager, an indirect wholly-owned subsidiary of Putnam Investments, LLC and references to "ASC 820" represent Accounting Standards Codification 820 *Fair Value Measurements and Disclosures*.

* Percentages indicated are based on net assets of \$150,326,845.

† This security is non-income-producing.

^L Affiliated company (Note 5). The rate quoted in the security description is the annualized 7-day yield of the fund at the close of the reporting period.

ASC 820 establishes a three-level hierarchy for disclosure of fair value measurements. The valuation hierarchy is based upon the transparency of inputs to the valuation of the fund’s investments. The three levels are defined as follows:

- Level 1: Valuations based on quoted prices for identical securities in active markets.
- Level 2: Valuations based on quoted prices in markets that are not active or for which all significant inputs are observable, either directly or indirectly.
- Level 3: Valuations based on inputs that are unobservable and significant to the fair value measurement.

The following is a summary of the inputs used to value the fund’s net assets as of the close of the reporting period:

Investments in securities:	Valuation inputs		
	Level 1	Level 2	Level 3
Common stocks*:			
Communication services	\$9,760,350	\$—	\$—
Consumer discretionary	11,118,133	—	—
Consumer staples	11,461,515	—	—
Energy	12,729,011	—	—
Financials	24,499,858	—	—
Health care	19,199,735	—	—
Industrials	17,269,827	—	—
Information technology	15,696,366	—	—
Materials	10,337,273	—	—
Real Estate	6,129,504	—	—
Utilities	6,760,175	—	—
Total common stocks	144,961,747	—	—
Short-term investments	5,290,461	—	—
Totals by level	\$150,252,208	\$—	\$—

* Common stock classifications are presented at the sector level, which may differ from the fund’s portfolio presentation.

Statement of assets and liabilities 2/28/23 (Unaudited)

ASSETS

Investment in securities, at value (Note 1):	
Unaffiliated issuers (identified cost \$135,749,947)	\$144,961,747
Affiliated issuers (identified cost \$5,290,461) (Note 5)	5,290,461
Dividends and interest receivable	206,776
Total assets	150,458,984

LIABILITIES

Payable for compensation of Manager (Note 2)	128,747
Other accrued expenses	3,392
Total liabilities	132,139
Net assets	\$150,326,845

REPRESENTED BY

Paid-in capital (Unlimited shares authorized) (Notes 1 and 4)	\$141,931,135
Total distributable earnings (Note 1)	8,395,710
Total — Representing net assets applicable to capital shares outstanding	\$150,326,845

COMPUTATION OF NET ASSET VALUE

Net asset value per share	
(\$150,326,845 divided by 5,404,000 shares)	\$27.82

The accompanying notes are an integral part of these financial statements.

Statement of operations Six months ended 2/28/23 (Unaudited)

INVESTMENT INCOME

Dividends (net of foreign tax of \$2,820)	\$1,098,059
Interest (including interest income of \$18,408 from investments in affiliated issuers) (Note 5)	18,408
Total investment income	1,116,467

EXPENSES

Compensation of Manager (Note 2)	316,098
Other	4,344
Fees waived and reimbursed by Manager (Note 2)	(1,177)
Total expenses	319,265
Net investment income	797,202

REALIZED AND UNREALIZED GAIN (LOSS)

Net realized gain (loss) on:

Securities from unaffiliated issuers (Notes 1 and 3)	(1,298,612)
Securities from in-kind transactions (Notes 1 and 3)	1,000,808
Total net realized loss	(297,804)

Change in net unrealized appreciation (depreciation) on:

Securities from unaffiliated issuers	10,315,550
Total change in net unrealized appreciation	10,315,550
Net gain on investments	10,017,746
Net increase in net assets resulting from operations	\$10,814,948

The accompanying notes are an integral part of these financial statements.

Statement of changes in net assets

INCREASE IN NET ASSETS	Six months ended 2/28/23*	Year ended 8/31/22
Operations		
Net investment income	\$797,202	\$298,692
Net realized loss on investments	(297,804)	(622,700)
Change in net unrealized appreciation (depreciation) of investments	10,315,550	(1,435,261)
Net increase (decrease) in net assets resulting from operations	10,814,948	(1,759,269)
Distributions to shareholders (Note 1):		
From ordinary income		
Net investment income	(771,090)	(69,828)
Proceeds from shares sold (Note 4)	98,981,635	41,192,423
Decrease from shares redeemed (Note 4)	(6,063,761)	(1,310,081)
Total increase in net assets	102,961,732	38,053,245

NET ASSETS		
Beginning of period	47,365,113	9,311,868
End of period	\$150,326,845	\$47,365,113

NUMBER OF FUND SHARES		
Shares outstanding at beginning of period	1,829,000	354,000
Shares sold (Note 4)	3,800,000	1,525,000
Shares redeemed (Note 4)	(225,000)	(50,000)
Shares outstanding at end of period	5,404,000	1,829,000

*Unaudited.

The accompanying notes are an integral part of these financial statements.

Financial highlights

(For a common share outstanding throughout the period)

PER-SHARE OPERATING PERFORMANCE

	Six months ended 2/28/23**	Year ended 8/31/22	For the period 5/25/21 (commencement of operations) to 8/31/21
Net asset value, beginning of period	\$25.90	\$26.30	\$25.00
Investment operations:			
Net investment income (loss) ^a	.19	.35	.09
Net realized and unrealized gain (loss) on investments	1.89	(.62)	1.21
Total from investment operations	2.08	(.27)	1.30
Less distributions:			
From net investment income	(.16)	(.13)	—
Total distributions	(.16)	(.13)	—
Net asset value, end of period	\$27.82	\$25.90	\$26.30
Total return at net asset value (%)^b	8.04[*]	(1.04)	5.20[*]

RATIOS AND SUPPLEMENTAL DATA

Net assets, end of period (in thousands)	\$150,327	\$47,365	\$9,312
Ratio of expenses to average net assets (%) ^c	.28 ^{*d}	.55	.15 [*]
Ratio of net investment income (loss) to average net assets (%)	.69 ^{*d}	1.32	.34 [*]
Portfolio turnover (%) ^e	25 [*]	48	27 [*]

^{*} Not annualized.

^{**} Unaudited.

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

^b Total return assumes dividend reinvestment.

^c Excludes acquired fund fees and expenses, if any.

^d Reflects waivers of certain fund expenses in connection with investments in Putnam Government Money Market Fund during the period. As a result of such waivers, the expenses of the fund reflect a reduction of less than 0.01% as a percentage of average net assets (Note 2).

^e Portfolio turnover excludes securities received or delivered in-kind.

The accompanying notes are an integral part of these financial statements.

Notes to financial statements 2/28/23 (Unaudited)

Within the following Notes to financial statements, references to “ETF” represent exchange-traded fund, references to “State Street” represent State Street Bank and Trust Company, references to “the SEC” represent the Securities and Exchange Commission, references to “Putnam Management” represent Putnam Investment Management, LLC, the fund’s manager, an indirect wholly-owned subsidiary of Putnam Investments, LLC. Additionally, references to “OTC”, if any, represent over-the-counter and references to “ESG”, if any, represent environmental, social and governance. Unless otherwise noted, the “reporting period” represents the period from September 1, 2022 through February 28, 2023.

Putnam Focused Large Cap Value ETF (the fund) is a non-diversified, open-end series of Putnam ETF Trust (the Trust), a Delaware statutory trust organized under the Investment Company Act of 1940, as amended. The fund is an actively managed ETF that operates pursuant to an exemptive order from the SEC. The fund’s investment objective is to seek capital growth and current income. The fund invests mainly in common stocks of U.S. companies, with a focus on value stocks that offer the potential for capital growth, current income, or both. Under normal circumstances, the fund invests at least 80% of the fund’s net assets in large-cap companies, which, for purposes of this policy, are of a size similar to those in the Russell 1000 Value Index. This policy may be changed only after 60 days’ notice to shareholders. As of September 30, 2022, the index was composed of companies having market capitalizations of between approximately \$0.7 billion to \$1.3 trillion. The fund may also invest in midsize companies. Value stocks are issued by companies that the fund’s investment manager, Putnam Investment Management, LLC (Putnam Management) believes are currently undervalued by the market. If Putnam Management is correct and other investors ultimately recognize the value of the company, the price of its stock may rise. Putnam Management 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.

In the normal course of business, the fund enters into contracts that may include agreements to indemnify another party under given circumstances. The fund’s maximum exposure under these arrangements is unknown as this would involve future claims that may be, but have not yet been, made against the fund. However, the fund’s management team expects the risk of material loss to be remote.

The fund has entered into contractual arrangements with an investment adviser, administrator, distributor, transfer agent and custodian, who each provide services to the fund. Unless expressly stated otherwise, shareholders are not parties to, or intended beneficiaries of these contractual arrangements, and these contractual arrangements are not intended to create any shareholder right to enforce them against the service providers or to seek any remedy under them against the service providers, either directly or on behalf of the fund.

Under the fund’s Amended and Restated Agreement and Declaration of Trust, any claims asserted against or on behalf of the Putnam Funds, including claims against Trustees and Officers, must be brought in courts of the State of Delaware.

Note 1: Significant accounting policies

The following is a summary of significant accounting policies consistently followed by the fund in the preparation of its financial statements. The preparation of financial statements is in conformity with accounting principles generally accepted in the United States of America and requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements and the reported amounts of increases and decreases in net assets from operations. Actual results could differ from those estimates. Subsequent events after the Statement of assets and liabilities date through the date that the financial statements were issued have been evaluated in the preparation of the financial statements.

Security valuation Portfolio securities and other investments are valued using policies and procedures adopted by the Board of Trustees. The Trustees oversee the implementation of these procedures and have delegated responsibility for valuing the fund’s assets in accordance with these procedures to Putnam Management. Putnam Management has established an internal Valuation Committee that is responsible for making fair value determinations, evaluating the effectiveness of the pricing policies of the fund and reporting to the Trustees.

Investments for which market quotations are readily available are valued at the last reported sales price on their principal exchange, or official closing price for certain markets, and are classified as Level 1 securities under Accounting Standards Codification 820 *Fair Value Measurements and Disclosures* (ASC 820). If no sales

are reported, as in the case of some securities that are traded OTC, a security is valued at its last reported bid price and is generally categorized as a Level 2 security. Short-term securities with remaining maturities of 60 days or less are valued using an independent pricing service approved by the Trustees, and are classified as Level 2 securities.

Investments in open-end investment companies (excluding exchange-traded funds), if any, which can be classified as Level 1 or Level 2 securities, are valued based on their net asset value. The net asset value of such investment companies equals the total value of their assets less their liabilities and divided by the number of their outstanding shares.

To the extent a pricing service or dealer is unable to value a security or provides a valuation that Putnam Management does not believe accurately reflects the security's fair value, the security will be valued at fair value by Putnam Management in accordance with policies and procedures approved by the Trustees. Certain investments, including certain restricted and illiquid securities and derivatives, are also valued at fair value following procedures approved by the Trustees. These valuations consider such factors as significant market or specific security events such as interest rate or credit quality changes, various relationships with other securities, discount rates, U.S. Treasury, U.S. swap and credit yields, index levels, convexity exposures, recovery rates, sales and other multiples and resale restrictions. These securities are classified as Level 2 or as Level 3 depending on the priority of the significant inputs.

To assess the continuing appropriateness of fair valuations, the Valuation Committee reviews and affirms the reasonableness of such valuations on a regular basis after considering all relevant information that is reasonably available. Such valuations and procedures are reviewed periodically by the Trustees. The fair value of securities is generally determined as the amount that the fund could reasonably expect to realize from an orderly disposition of such securities over a reasonable period of time. By its nature, a fair value price is a good faith estimate of the value of a security in a current sale and does not reflect an actual market price, which may be different by a material amount.

Security transactions and related investment income Security transactions are recorded on the trade date (the date the order to buy or sell is executed). Gains or losses on securities sold are determined on the identified cost basis.

Interest income, net of any applicable withholding taxes, if any, is recorded on the accrual basis. Amortization and accretion of premiums and discounts on debt securities, if any, is recorded on the accrual basis.

Dividend income, net of any applicable withholding taxes, if any, is recognized on the ex-dividend date except that certain dividends from foreign securities, if any, are recognized as soon as the fund is informed of the ex-dividend date. Non-cash dividends, if any, are recorded at the fair value of the securities received. Dividends representing a return of capital or capital gains, if any, are reflected as a reduction of cost and/or as a realized gain.

Lines of credit The fund participates, along with other Putnam funds, in a \$100 million (\$317.5 million prior to October 14, 2022) unsecured committed line of credit and a \$235.5 million unsecured uncommitted line of credit, both provided by State Street. Borrowings may be made for temporary or emergency purposes, including the funding of shareholder redemption requests and trade settlements. Interest is charged to the fund based on the fund's borrowing at a rate equal to 1.25% plus the higher of (1) the Federal Funds rate and (2) the Overnight Bank Funding Rate for the committed line of credit and 1.30% plus the higher of (1) the Federal Funds rate and (2) the Overnight Bank Funding Rate for the uncommitted line of credit. A closing fee equal to 0.04% of the committed line of credit and 0.04% of the uncommitted line of credit has been paid by the participating funds. In addition, a commitment fee of 0.21% per annum on any unutilized portion of the committed line of credit is allocated to the participating funds based on their relative net assets and paid quarterly. During the reporting period, the fund had no borrowings against these arrangements.

Federal taxes It is the policy of the fund to distribute all of its taxable income within the prescribed time period and otherwise comply with the provisions of the Internal Revenue Code of 1986, as amended (the Code), applicable to regulated investment companies. It is also the intention of the fund to distribute an amount sufficient to avoid imposition of any excise tax under Section 4982 of the Code.

The fund is subject to the provisions of Accounting Standards Codification 740 *Income Taxes* (ASC 740). ASC 740 sets forth a minimum threshold for financial statement recognition of the benefit of a tax position taken or expected to be taken in a tax return. The fund did not have a liability to record for any unrecognized tax benefits in the accompanying financial statements. No provision has been made for federal taxes on income, capital gains or unrealized appreciation on securities held nor for excise tax on income and capital gains. Each of the fund's federal tax returns for the prior periods remains subject to examination by the Internal Revenue Service.

Under the Regulated Investment Company Modernization Act of 2010, the fund will be permitted to carry forward capital losses incurred for an unlimited period and the carry forwards will retain their character as either short-term or long-term capital losses. At August 31, 2022, the fund had the following capital loss carryovers available, to the extent allowed by the Code, to offset future net capital gain, if any:

Loss carryover		
Short-term	Long-term	Total
\$647,281	\$53,876	\$701,157

Tax cost of investments includes adjustments to net unrealized appreciation (depreciation) which may not necessarily be final tax cost basis adjustments, but closely approximate the tax basis unrealized gains and losses that may be realized and distributed to shareholders. The aggregate identified cost on a tax basis is \$141,131,930, resulting in gross unrealized appreciation and depreciation of \$10,756,449 and \$1,636,171, respectively, or net unrealized appreciation of \$9,120,278.

Distributions to shareholders Distributions to shareholders from net investment income are recorded by the fund on the ex-dividend date. Distributions from capital gains, if any, are recorded on the ex-dividend date and paid at least annually. The amount and character of income and gains to be distributed are determined in accordance with income tax regulations, which may differ from generally accepted accounting principles. Dividend sources are estimated at the time of declaration. Actual results may vary. Any non-taxable return of capital cannot be determined until final tax calculations are completed after the end of the fund’s fiscal year. Reclassifications are made to the fund’s capital accounts to reflect income and gains available for distribution (or available capital loss carryovers) under income tax regulations.

Expenses of the Trust Expenses directly charged or attributable to any fund will be paid from the assets of that fund. Generally, expenses of the Trust will be allocated among and charged to the assets of each fund on a basis that the Trustees deem fair and equitable, which may be based on the relative assets of each fund or the nature of the services performed and relative applicability to each fund.

Note 2: Management fee, administrative services and other transactions

The fund pays the Manager an annual all-inclusive management fee of 0.55% based on the fund’s average daily net assets computed and paid monthly. The management fee covers investment management services and all of the fund’s organizational and other operating expenses with certain exceptions, including but not limited to: payments under distribution plans, interest and borrowing expenses, taxes, brokerage commissions and other transaction costs, fund proxy expenses, litigation expenses, extraordinary expenses and acquired fund fees and expenses. All costs related to organization and offering of the Trust were borne by the Manager.

The fund invests in Putnam Government Money Market Fund, an open-end management investment company managed by Putnam Management. Management fees paid by the fund are reduced by an amount equal to the management fees paid by Putnam Government Money Market Fund with respect to assets invested by the fund in Putnam Government Money Market Fund. During the reporting period, management fees paid were reduced by \$1,177 relating to the fund’s investment in Putnam Government Money Market Fund.

Putnam Investments Limited (PIL), an affiliate of Putnam Management, is authorized by the Trustees to manage a separate portion of the assets of the fund as determined by Putnam Management from time to time. PIL did not manage any portion of the assets of the fund during the reporting period. If Putnam Management were to engage the services of PIL, Putnam Management would pay a quarterly sub-management fee to PIL for its services at an annual rate of 0.25% (prior to September 23, 2022, the annual rate was 0.35%) of the average net assets of the portion of the fund managed by PIL.

The fund has adopted a distribution and service plan pursuant to Rule 12b–1 under the 1940 Act that authorizes the fund to pay distribution fees in connection with the sale and distribution of its shares and service fees in connection with the provision of ongoing shareholder support services. No Rule 12b–1 fees are currently paid by the fund.

Note 3: Purchases and sales of securities

During the reporting period, the cost of purchases and the proceeds from sales, excluding short-term investments and in-kind transactions, were as follows:

	Cost of purchases	Proceeds from sales
Investments in securities (Long-term)	\$32,782,854	\$27,547,419
U.S. government securities (Long-term)	—	—
Total	\$32,782,854	\$27,547,419

Portfolio securities received or delivered through in-kind transactions were \$89,229,342 and \$5,138,138, respectively.

The fund may purchase or sell investments from or to other Putnam funds in the ordinary course of business, which can reduce the fund’s transaction costs, at prices determined in accordance with SEC requirements and policies approved by the Trustees. During the reporting period, purchases or sales of long-term securities from or to other Putnam funds, if any, did not represent more than 5% of the fund’s total cost of purchases and/or total proceeds from sales.

Note 4: Capital shares

Shares of the fund are listed and traded on NYSE Arca, Inc., and individual fund shares may only be bought and sold in the secondary market through a broker or dealer at market price. These transactions, which do not involve the fund, are made at market prices that may vary throughout the day, rather than at net asset value (NAV). Shares of the fund may trade at a price greater than the fund’s NAV (premium) or less than the fund’s NAV (discount). An investor may incur costs attributable to the difference between the highest price a buyer is willing to pay to purchase shares (bid) and the lowest price a seller is willing to accept for shares (ask) when buying or selling fund shares in the secondary market (the “bid-ask spread”). The fund will issue and redeem shares in large blocks of 25,000 shares called “Creation Units” on a continuous basis, at NAV, with authorized participants who have entered into agreements with the fund’s distributor. The fund will generally issue and redeem Creation Units in return for a designated portfolio of securities (and an amount of cash) that the fund specifies each day. The fund generally imposes a transaction fee on investors purchasing or redeeming Creation Units. Investors transacting in Creation Units for cash may also pay an additional variable charge to compensate the fund for certain transaction costs and market impact expenses relating to investing in portfolio securities. Such variable charges, if any, are included in Other capital in the Statement of changes in net assets.

At the close of the reporting period, Putnam Investment Holdings, LLC owned 200,000 shares of the fund (3.7% of shares outstanding), valued at \$5,564,000.

Note 5: Affiliated transactions

Transactions during the reporting period with any company which is under common ownership or control were as follows:

Name of affiliate	Fair value as of 8/31/22	Purchase cost	Sale proceeds	Investment income	Shares outstanding and fair value as of 2/28/23
Short-term investments					
Putnam Government Money Market Fund*	\$—	\$5,590,047	\$299,586	\$18,408	\$5,290,461
Total Short-term investments	\$—	\$5,590,047	\$299,586	\$18,408	\$5,290,461

* Management fees incurred through investment in Putnam Government Money Market Fund have been waived by the fund (Note 2). There were no realized or unrealized gains or losses during the period.

Note 6: Market, credit and other risks

In the normal course of business, the fund trades financial instruments and enters into financial transactions where risk of potential loss exists due to changes in the market (market risk) or failure of the contracting party to the transaction to perform (credit risk). The fund may be exposed to additional credit risk that an institution or other entity with which the fund has unsettled or open transactions will default. Investments in foreign securities involve certain risks, including those related to economic instability, unfavorable political developments, and currency fluctuations.

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, 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.

Shareholder meeting results (Unaudited)

January 11, 2023 special meeting

At the meeting, each of the nominees for Trustees was elected, with all funds of the Trust voting together as a single class, as follows:

	Votes for	Votes against	Votes withheld
Liaquat Ahamed	4,484,567	—	444,547
Barbara M. Baumann	4,422,414	—	506,700
Katinka Domotorffy	4,649,758	—	279,356
Catharine Bond Hill	4,715,090	—	214,024
Kenneth R. Leibler	4,908,146	—	20,968
Jennifer Williams Murphy	4,797,806	—	131,308
Marie Pillai	4,374,937	—	554,177
George Putnam III	4,908,051	—	21,063
Robert L. Reynolds	4,908,146	—	20,968
Manoj P. Singh	4,355,772	—	573,342
Mona K. Sutphen	4,634,643	—	294,471

All tabulations are rounded to the nearest whole number.

Fund information

Founded over 85 years ago, Putnam Investments was built around the concept that a balance between risk and reward is the hallmark of a well-rounded financial program. We manage funds across income, value, blend, growth, sustainable, and asset allocation categories.

Investment Manager

Putnam Investment
Management, LLC
100 Federal Street
Boston, MA 02110

Investment Sub-Advisor

Putnam Investments Limited
16 St James's Street
London, England SW1A 1ER

Distribution Services

Foreside Fund Services, LLC
Three Canal Plaza, Suite 100
Portland, ME 04101

Custodian

State Street Bank
and Trust Company

Legal Counsel

Ropes & Gray LLP

Trustees

Kenneth R. Leibler, *Chair*
Barbara M. Baumann, *Vice Chair*
Liaquat Ahamed
Katinka Domotorffy
Catharine Bond Hill
Jennifer Williams Murphy
Marie Pillai
George Putnam III
Robert L. Reynolds
Manoj P. Singh
Mona K. Sutphen

Officers

Robert L. Reynolds
President

James F. Clark
*Vice President, Chief Compliance
Officer, and Chief Risk Officer*

Michael J. Higgins
*Vice President, Treasurer,
and Clerk*

Jonathan S. Horwitz
*Executive Vice President,
Principal Executive Officer,
and Compliance Liaison*

Richard T. Kircher
*Vice President and
BSA Compliance Officer*

Martin Lemaire
*Vice President and
Derivatives Risk Manager*

Susan G. Malloy
*Vice President and
Assistant Treasurer*

Alan G. McCormack
*Vice President and
Derivatives Risk Manager*

Denere P. Poulack
*Assistant Vice President,
Assistant Clerk, and
Assistant Treasurer*

Janet C. Smith
*Vice President,
Principal Financial Officer,
Principal Accounting Officer,
and Assistant Treasurer*

Stephen J. Tate
*Vice President and
Chief Legal Officer*

Mark C. Trenchard
Vice President

Call 1-833-228-5577 Monday through Friday between 9:00 a.m. and 5:00 p.m. Eastern Time or visit putnam.com anytime for up-to-date information about the fund's NAV.

