A world of investing.



# Putnam PanAgora ESG International Equity ETF

Annual report 4 | 30 | 23



**Blend funds** invest opportunistically in a variety of stocks, such as growth stocks and value stocks.

FUND SYMBOL PPIE

## Putnam PanAgora ESG International Equity ETF

# Annual report 4 | 30 | 23

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## **Message from the Trustees**

June 13, 2023

## Dear Shareholder:

Stocks and bonds have generally advanced since the start of the year despite market ups and downs. Inflation has fallen but remains a concern for the Federal Reserve. U.S. interest rates have risen to their highest level since 2007, which is putting pressure on corporate earnings and causing stress in the banking system.

Fortunately, a strong pulse of innovation in the broader economy is gaining investor attention. International markets are becoming increasingly dynamic, in part because China's economy is reopening after years of pandemic-related restrictions.

While remaining alert to market risks, your investment team is finding new and attractive opportunities across sectors, industries, and global markets. This report offers an update about their efforts in managing your fund.

Thank you for investing with Putnam.

Respectfully yours,

Robert L. Reynolds

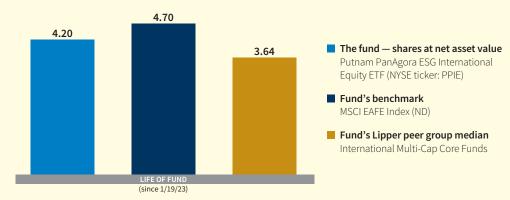
President and Chief Executive Officer

Putnam Investments

Kenneth R. Leibler Chair, Board of Trustees

## **Performance history**

## Cumulative total return (%) comparison for the period from 1/19/23 (commencement of fund operations) to 4/30/23

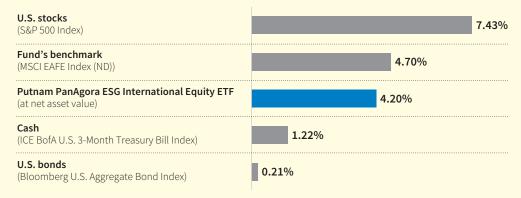


Data are historical. Past performance does not guarantee future results. More recent returns may be less or more than those shown. Share price, principal value, and return will fluctuate, and you may have a gain or a loss when you sell your shares. Performance of fund shares assumes reinvestment of distributions and does not account for taxes. The fund return in the bar chart is at net asset value (NAV). See below and pages 7–8 for additional performance information, including fund returns at market price. For a portion of the period, the fund had expense limitations, without which the return would have been lower. Index results should be compared with fund performance at NAV. The short-term results of a relatively new fund are not necessarily indicative of its long-term prospects. To obtain the most recent month-end performance, please visit putnam.com or call 1-833-228-5577 (toll free).

All MSCI indices are provided by MSCI.

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 period from 1/19/23 (commencement of fund operations) to 4/30/23. See above and pages 7–8 for additional fund performance information. Index descriptions can be found on pages 11-12.

All Bloomberg indices are provided by Bloomberg Index Services Limited.

All MSCI indices are provided by MSCI.

2 PanAgora ESG International Equity ETF

## Interview with your fund's portfolio managers

George Mussalli and Richard Tan discuss the investing environment and fund performance for the period from January 19, 2023 (commencement of fund operations) through April 30, 2023, and provide an outlook for the fund.

## **George D. Mussalli, CFA**Portfolio Manager

George is Chief Investment Officer of Equity Investments and Head of Equity Research at PanAgora Asset Management. He has an M.B.A. from the Massachusetts Institute of Technology and a B.S. from Tufts University. George joined PanAgora in 2004 and has been in the investment industry since 1995.

## Richard Tan, CFA

Portfolio Manager

Richard is a Managing Director and Head of Stock Selector Equity Investments at PanAgora Asset Management. He has an M.B.A. from Boston College, an M.S. in Computer Science from Rutgers University, and a B.A. from Shanghai Jiao Tong University. Richard joined PanAgora in 2008 and has been in the investment industry since 1997.

## Please describe investing conditions during the reporting period.

The global banking sector experienced turmoil in the first four months of calendar 2023. As several bank failures took place, some investors drew comparisons to the global financial crisis of 2008/2009.

On a micro level, we believe the collapse of Silicon Valley Bank, Signature Bank, Credit Suisse, and First Republic Bank, among others, was due to idiosyncratic factors. These banks operated with aggressive business models, inadequate internal controls, and a lack of appropriate hedging strategies, in our view.

On a macro level, banks have been challenged for a prolonged period. The U.S. Federal Reserve raised interest rates nine times from March 2022 to March 2023. During this time, short-term interest rates rose from near zero to a range of 4.75%–5.00%. Higher rates aim to tamp down inflation, but also cause the cost of borrowing to soar, which has negatively impacted the banking sector.

Against this backdrop, investors grew optimistic that global inflation was on the decline and the world's central banks would ease their monetary tightening. Developed-market equity markets rallied. The S&P 500 Index returned

## **Global composition**

• Japan	20.6%
<ul><li>United Kingdom</li></ul>	15.2
• France	11.0
<ul><li>Switzerland</li></ul>	9.9
• Australia	7.6
<ul><li>Germany</li></ul>	6.8
• Denmark	5.0
<ul><li>Netherlands</li></ul>	4.9
• Other countries	17.5
<ul><li>Cash and net other assets</li></ul>	1.4



Allocations are shown as a percentage of the fund's net assets as of 4/30/23. 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 information in the portfolio schedule notes included in the financial statements due to the inclusion of derivative securities, any interest accruals, the exclusion of as-of trades, if any, and rounding. Holdings and allocations may vary over time. Due to rounding, percentages may not equal 100%.

## Top 10 holdings

HOLDING (PERCENTAGE OF FUND'S NET ASSETS)	COUNTRY	OVER/UNDERW VS. BENCHMAR	
Novo Nordisk A/S (2.3%)	Denmark		0.5%
Novartis AG (2.2%)	Switzerland		0.8%
ASML Holding NV (2.0%)	Netherlands	•	0.4%
Roche Holding AG (1.8%)	Switzerland	•••••	0.3%
Sony Group Corp. (1.6%)	Japan		0.8%
Diageo PLC (1.4%)	United Kingdom		0.7%
Nestle SA (1.4%)	Switzerland	-0.9%	
Henkel AG & Co. KGaA Vorzug (1.4%)	Germany		1.3%
BHP Group, Ltd. (1.3%)	Australia		0.4%
RELX PLC (1.3%)	United Kingdom		0.9%

This table shows the fund's top 10 holdings by percentage of the fund's net assets as of 4/30/23. Short-term investments and derivatives, if any, are excluded. Holdings may vary over time.

7.43% for the reporting period. Most gains in the U.S. were from a handful of large-cap stocks. European equities also performed well. The MSCI Europe Index [ND] returned 7.26% for the period.

China's economic reopening helped stocks gain momentum in late calendar 2022, but lost steam by the end of January 2023. Emerging market equities declined. The MSCI Emerging Markets Index [ND] returned –4.41% for the period. Smaller U.S. companies also posted losses on slowing global growth. The Russell 2000 Index returned –3.27% for the period.

## How did the fund perform for the reporting period?

Putnam PanAgora ESG International Equity ETF returned 4.20%, net of fees, underperforming the benchmark MSCI EAFE Index [ND], which returned 4.70%.

# What strategies influenced fund performance relative to the benchmark during the reporting period?

The portfolio's alpha model is heavily weighted in the top quintile of stocks within our investible universe. These stocks detracted from fund performance. The ESG [environmental, social, and governance] factor composite performed well, with top contributors coming from environmental and social metrics. The portfolio's Management & Governance and Market Intelligence factor composites were also top contributors, driven by gains in the lower quintile names.

Stock selection in the United Kingdom and Spain were most additive to fund performance. The portfolio's top contributor was an overweight position in U.K.-based 3i Group PLC. An overweight position in Industria de Diseño Textil SA, based in Spain, also helped fund results. Both companies have strong ESG and Market Intelligence factor composite scores. The portfolio retains overweight positions in 3i Group and Industria de Diseño Textil as of period-end.

# **16** We believe that ESG investment opportunities available to the fund will continue to be strong. **33**

France and Sweden were the top detractors from fund performance on a country basis. The portfolio's top detractor was an overweight position in Teleperformance, which operates in France's industrials sector. In Sweden, an overweight position in Boliden AB, which operates in the materials sector, was another top detractor. Shortly after period-end, we sold our position in Teleperformance. As of period-end, the portfolio retained an overweight position in Boliden based on its strong ESG factor scores.

## What is your outlook and portfolio strategy for the coming months?

The fund seeks to generate an above-benchmark alpha return and an above-benchmark sustainability profile. Management deploys a systematic investment process that seeks to generate excess returns relative to the benchmark. Our investment team uses a bottom-up, quantitative-oriented approach to stock selection. This process seeks to quantify fundamental metrics that are predictive of a company's business strengths and weaknesses.

Our research has shown that by incorporating a company's attributes along certain sustainability dimensions, we can complement other fundamental metrics and enhance the alpha model. In addition to using quantitative ESG and sustainability factors to generate alpha, we utilize a proprietary portfolio construction methodology that optimizes both the return and ESG objectives. We believe this creates a superior sustainability profile for the fund.

We believe that ESG investment opportunities available to the fund will continue to be strong. Governments, activists, and consumers continue to gauge the sustainability of ESG strategies, in our view. We believe our method of finding opportunities that focus on ESG policies and investor return are positioned to thrive.

## Thank you both for your time and insights today.

Past performance is not a guarantee of future results.

The opinions expressed in this report represent the current, good faith views of the author(s) at the time of publication, are provided for limited purposes, are not definitive investment advice, and should not be relied on as such. The information presented in this report has been developed internally and/or obtained from sources believed to be reliable; however, PanAgora Asset Management, Inc. [PanAgora] does not guarantee the accuracy, adequacy, or completeness of such information. Predictions,

opinions, and other information contained in this report are subject to change continually and without notice of any kind and may no longer be true after the date indicated. As with any investment, there is a potential for profit as well as the possibility of loss.

Any forward-looking statements speak only as of the date they are made, and PanAgora assumes no duty to and does not undertake to update forward-looking statements. Forward-looking statements are subject to numerous assumptions, risks, and uncertainties, which change over time. Actual results could differ materially from those anticipated in forward-looking statements.

## Your fund's performance

This section shows your fund's performance, price, and distribution information for the period from January 19, 2023 (commencement of fund operations) through April 30, 2023, the end of its 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 (toll free).

## **Fund performance** Total return for the period ended 4/30/23

	Life of fund (since 1/19/23)
Net asset value	4.20%
Market price	4.54

Performance assumes reinvestment of distributions and does not account for taxes. The short-term results of a relatively new fund are not necessarily indicative of its long-term prospects.

Performance includes the deduction of management fees.

For a portion of the period, the fund had expense limitations, without which returns would have been lower.

## **Comparative index returns** For the period ended 4/30/23

	Life of fund (since 1/19/23)
MSCI EAFE Index (ND)	4.70%
Lipper International Multi-Cap Core Funds category median*	3.64

Index and Lipper results should be compared with fund performance at net asset value.

All MSCI indices are provided by MSCI.

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

<sup>\*</sup>Over the life-of-fund period ended 4/30/23, there were 345 funds in this Lipper category.

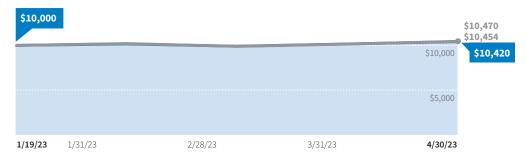
## Change in the value of a \$10,000 investment

Cumulative total return from 1/19/23 (commencement of fund operations) to 4/30/23

✓ Putnam PanAgora ESG International Equity ETF at net asset value — \$10,420

✓ Putnam PanAgora ESG International Equity ETF at market price — \$10,454

.... MSCI EAFE Index (ND) — \$10,470



Past performance does not indicate future results.

All MSCI indices are provided by MSCI.

## Fund price and distribution information For the period ended 4/30/23

Share value	Net asset value	Market price
1/19/23*	\$20.00	\$20.00
4/30/23	20.84	20.91

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

The fund made no distributions during the period.

## Fund performance as of most recent calendar quarter

Total return for the period ended 3/31/23

	Life of fund (since 1/19/23)
Netassetvalue	1.58%
Market price	1.41

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

<sup>\*</sup>Inception date of the ETF.

## 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**

Estimated total annual operating expenses for the fiscal year ended 4/30/23*	0.49%
Annualized expense ratio for the period from 1/19/23 (commencement of operations) to $4/30/23^{\dagger}$	0.49%

Estimated 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.

## Expenses per \$1,000

The following table shows the expenses you would have paid on a \$1,000 investment in the fund from 1/19/23 (commencement of operations) to 4/30/23. 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*†	\$1.40
Ending value (after expenses)	\$1,042.00

<sup>\*</sup> Expenses are calculated using the fund's annualized expense ratio, which represents the ongoing expenses as a percentage of average net assets for the period from 1/19/23 (commencement of operations) to 4/30/23.

<sup>\*</sup>Based on estimated amounts for the current fiscal year.

<sup>†</sup> Expense ratio is for the fund's most recent fiscal period. As a result of this, the ratio may differ from the expense ratio in the financial highlights.

<sup>†</sup> 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 (102); 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 period from 1/19/23 (commencement of operations) to 4/30/23, use the following calculation method. To find the value of your investment on 1/19/23, call 1-833-228-5577.

How to calculate the expenses you paid						
Value of your investment on 1/19/23	•	\$1,000	X	Expenses paid per \$1,000	=	Total expenses paid
<b>Example</b> Based on a \$10,000 investment	n youi	fund.				
\$10,000	•	\$1,000	X	<b>\$1.40</b> (see preceding table)	=	\$14.00

## 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*†	\$2.46
Ending value (after expenses)	\$1,022.36

<sup>\*</sup>Expenses are calculated using the fund's annualized expense ratio, which represents the ongoing expenses as a percentage of average net assets for the period from 1/19/23 (commencement of operations) to 4/30/23.

<sup>†</sup> 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).

## **Comparative index definitions**

**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.

MSCI EAFE Index (ND) is an unmanaged index of equity securities from developed countries in Western Europe, the Far East, and Australasia. Calculated with net dividends (ND), this total return index reflects the reinvestment of dividends after the deduction of withholding taxes, using a tax rate applicable to non-resident institutional investors who do not benefit from double taxation treaties.

MSCI Emerging Markets Index (ND) is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. Calculated with net dividends (ND), this total return index reflects the reinvestment of dividends after the deduction of withholding taxes, using a tax rate applicable to non-resident institutional investors who do not benefit from double taxation treaties.

MSCI Europe Index (ND) is an unmanaged index of Western European equity securities. Calculated with net dividends (ND), this total return index reflects the reinvestment of dividends after the deduction of withholding taxes, using a tax rate applicable to non-resident institutional investors who do not benefit from double taxation treaties.

**Russell 2000® Index** is an unmanaged index composed of approximately 2,000 of the smallest companies in the Russell 3000® Index as measured by their market capitalization.

**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 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 April 30, 2023, Putnam employees had approximately \$467,000,000 and the Trustees had approximately \$66,000,000 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.

## Important notice regarding Putnam's privacy policy

In order to conduct business with our shareholders, we must obtain certain personal information such as account holders' names, addresses, Social Security numbers, and dates of birth. Using this information, we are able to maintain accurate records of accounts and transactions

It is our policy to protect the confidentiality of our shareholder information, whether or not a shareholder currently owns shares of our funds. In particular, it is our policy not to sell information about you or your accounts to outside marketing firms. We have safeguards in place designed to prevent unauthorized access

to our computer systems and procedures to protect personal information from unauthorized use.

Under certain circumstances, we must share account information with outside vendors who provide services to us, such as mailings and proxy solicitations. In these cases, the service providers enter into confidentiality agreements with us, and we provide only the information necessary to process transactions and perform other services related to your account. Finally, it is our policy to share account information with your financial representative, if you've listed one on your Putnam account.

## **Audited financial statements**

These sections of the report, as well as the accompanying Notes, preceded by the Report of Independent Registered Public Accounting Firm, constitute the fund's audited 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.

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.

## Report of Independent Registered Public Accounting Firm

To the Board of Trustees of Putnam ETF Trust and Shareholders of Putnam PanAgora ESG International Equity ETF:

## Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the fund's portfolio, of Putnam PanAgora ESG International Equity ETF (one of the funds constituting Putnam ETF Trust, referred to hereafter as the "Fund") as of April 30, 2023, and the related statements of operations and changes in net assets, including the related notes, and the financial highlights for the period January 19, 2023 (commencement of operations) through April 30, 2023 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Fund as of April 30, 2023, and the results of its operations, changes in its net assets, and the financial highlights for the period January 19, 2023 (commencement of operations) through April 30, 2023 in conformity with accounting principles generally accepted in the United States of America.

## **Basis for Opinion**

These financial statements are the responsibility of the Fund's management. Our responsibility is to express an opinion on the Fund's financial statements based on our audit. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Fund in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit of these financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audit included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audit also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. Our procedures included confirmation of securities owned as of April 30, 2023 by correspondence with the custodian and transfer agent. We believe that our audit provides a reasonable basis for our opinion.

PricewaterhouseCoopers LLP Boston, Massachusetts June 13. 2023

We have served as the auditor of one or more investment companies in the Putnam Investments family of funds since at least 1957. We have not been able to determine the specific year we began serving as auditor.

## The fund's portfolio 4/30/23

COMMON STOCKS (98.6%)*	Shares	Value
Air freight and logistics (1.2%)		
DSV A/S (Denmark)	7,460	\$1,403,083
Yamato Holdings Co., Ltd. (Japan)	7,400	127,210
		1,530,293
Automobile components (0.6%)		
Faurecia SE (France) †	6,160	127,516
Hella GmbH & Co. KGaA (Germany)	1,524	128,848
Pirelli & C SpA (Italy)	25,095	131,322
Valeo (France)	17,978	351,719
		739,405
Automobiles (1.6%)		
Bayerische Motoren Werke AG (Germany)	2,145	239,751
Toyota Motor Corp. (Japan)	16,055	220,455
Volkswagen AG (Preference) (Germany)	6,818	930,453
Yamaha Motor Co., Ltd. (Japan)	24,990	647,005
		2,037,664
Banks (7.8%)		
Banco Bilbao Vizcaya Argentaria SA (Spain)	68,121	501,126
Bank Leumi Le-Israel BM (Israel)	57,427	455,153
Barclays PLC (United Kingdom)	568,699	1,147,232
BAWAG Group AG (Austria)	2,235	109,306
Bendigo & Adelaide Bank, Ltd. (Australia)	21,289	122,312
BNP Paribas SA (France)	3,130	202,643
Commonwealth Bank of Australia (Australia)	3,353	221,194
DBS Group Holdings, Ltd. (Singapore)	53,744	1,332,938
FinecoBank Banca Fineco SpA (Italy)	15,790	239,101
HSBC Holdings PLC (United Kingdom)	17,009	122,420
Jyske Bank A/S (Denmark) †	1,596	116,723
Mebuki Financial Group, Inc. (Japan)	50,800	130,290
Mediobanca Banca di Credito Finanziario SpA (Italy)	6,148	65,954
Mitsubishi UFJ Financial Group, Inc. (Japan)	238,700	1,505,748
National Australia Bank, Ltd. (Australia)	43,399	830,636
NatWest Group PLC (United Kingdom)	317,324	1,050,870
Nordea Bank ABP (Finland)	118,145	1,316,140
Ringkjoebing Landbobank A/S (Denmark)	813	114,516
Skandinaviska Enskilda Banken AB (Sweden)	43,857	499,752
		10,084,054
Beverages (4.5%)		
Asahi Group Holdings, Ltd. (Japan)	34,302	1,325,343
Budweiser Brewing Co. APAC, Ltd. (Hong Kong)	140,800	406,144
Coca-Cola Europacific Partners PLC (Spain)	2,219	143,059
Diageo PLC (United Kingdom)	40,194	1,836,159
Pernod Ricard SA (France)	6,522	1,506,585
Treasury Wine Estates, Ltd. (Australia)	59,792	550,982
		5,768,272
Biotechnology (0.5%)		
Genus PLC (United Kingdom)	3,535	119,393
Swedish Orphan Biovitrum AB (Sweden) †	14,021	341,345
Vitrolife AB (Sweden)	5,929	133,845
		594,583

COMMON STOCKS (98.6%)* cont.	Shares	Value
Broadline retail (0.7%)		
Wesfarmers, Ltd. (Australia)	25,583	\$881,214
		881,214
Building products (1.0%)		
ASSA ABLOY AB Class B (Sweden)	49,469	1,178,093
LIXIL Corp. (Japan)	7,700	121,342
		1,299,435
Capital markets (2.9%)		
3i Group PLC (United Kingdom)	62,916	1,401,339
ASX, Ltd. (Australia)	2,849	129,50
Deutsche Boerse AG (Germany)	1,919	365,619
Julius Baer Group, Ltd. (Switzerland)	16,394	1,174,68
UBS Group AG (Switzerland)	35,226	715,95
		3,787,10
Chemicals (3.3%)		
DSM-Firmenich AG (Switzerland) †	7,924	1,036,94
Givaudan SA (Switzerland)	390	1,364,24
Johnson Matthey PLC (United Kingdom)	15,189	375,08
Symrise AG (Germany)	9,335	1,125,76
Umicore SA (Belgium)	9,579	314,97
		4,217,010
Commercial services and supplies (0.8%)		
Brambles, Ltd. (Australia)	110,836	1,048,26
		1,048,260
Communications equipment (0.8%)		
Nokia Oyj ADR (Finland)	246,561	1,033,09
		1,033,091
Construction and engineering (1.7%)		
ACS Actividades de Construccion y Servicios SA (Spain)	7,808	268,85
Eiffage SA (France)	6,676	794,90
Vinci SA (France)	8,521	1,055,13
Worley, Ltd. (Australia)	11,633	116,00
		2,234,890
Consumer staples distribution and retail (2.2%)		
J Sainsbury PLC (United Kingdom)	72,768	253,15
Kesko Oyj Class B (Finland)	22,657	472,27
Koninklijke Ahold Delhaize NV (Netherlands)	40,096	1,380,81
Tesco PLC (United Kingdom)	151,469	535,70
Woolworths Group, Ltd. (Australia)	5,841	150,48
		2,792,44
Diversified REITs (0.4%)		
Land Securities Group PLC (United Kingdom)	55,463	471,22
		471,223
Diversified telecommunication services (1.6%)		
BCE, Inc. (Canada)	2,756	132,46
Elisa Oyj (Finland)	2,068	128,390
HKT Trust & HKT, Ltd. (Units) (Hong Kong)	310,000	407,57
Koninklijke KPN NV (Netherlands)	70,293	256,25
Spark NZ, Ltd. (New Zealand)	154,940	502,07
Telefonica SA (Spain)	115,012	523,55
United Internet AG (Germany)	8,077	138,47
		2,088,776

COMMON STOCKS (98.6%)* cont.	Shares	Value
Electric utilities (1.1%)		
Mercury NZ, Ltd. (New Zealand)	56,584	\$222,087
Orsted AS (Denmark)	13,092	1,176,643
		1,398,730
Electrical equipment (0.8%)		
Legrand SA (France)	10,640	1,006,644
Prysmian SpA (Italy)	1,624	66,374
		1,073,018
Electronic equipment, instruments, and components (0.2%)		
Halma PLC (United Kingdom)	9,972	290,389
		290,389
Energy equipment and services (0.1%)		
Technip Energies NV (France)	5,805	128,566
		128,566
Financial services (0.6%)		
Edenred (France)	4,147	269,701
Eurazeo SE (France)	3,512	250,941
Wendel SE (France)	2,089	234,268
		754,910
Food products (2.5%)		
Danone SA (France)	11,896	787,174
Glanbia PLC (Ireland)	8,468	128,396
Nestle SA (Switzerland)	14,134	1,812,133
Orkla ASA (Norway)	62,230	447,310
		3,175,013
Gas utilities (0.3%)		
APA Group (Australia)	49,317	336,346
		336,346
Health care equipment and supplies (1.7%)		
Coloplast A/S Class B (Denmark)	1,889	272,244
ConvaTec Group PLC (United Kingdom)	41,758	115,416
Hoya Corp. (Japan)	3,500	368,684
Olympus Corp. (Japan)	47,172	825,180
Smith & Nephew PLC (United Kingdom)	36,394	601,980
		2,183,504
Health care technology (0.1%)		
CompuGroup Medical SE & Co. KGaA (Germany)	2,794	153,347
		153,347
Hotels, restaurants, and leisure (2.8%)		
Accor SA (France) †	3,825	135,667
Amadeus IT Holding SA (Spain) †	17,913	1,260,263
Aristocrat Leisure, Ltd. (Australia)	46,475	1,168,530
Flutter Entertainment PLC (Ireland) †	1,026	205,575
Sodexo SA (France)	7,315	784,258
		3,554,293
Household durables (3.6%)		
Barratt Developments PLC (United Kingdom)	83,231	523,705
Berkeley Group Holdings PLC (The) (United Kingdom)	3,091	172,747
Persimmon PLC (United Kingdom)	26,264	434,514
Sekisui House, Ltd. (Japan)	49,000	1,007,483

COMMON STOCKS (98.6%)* cont.	Shares	Value
Household durables cont.		
Sony Group Corp. (Japan)	21,474	\$2,040,042
Taylor Wimpey PLC (United Kingdom)	292,456	472,704
		4,651,195
Household products (2.2%)		
Henkel AG & Co. KGaA Vorzug (Preference) (Germany)	14,232	1,148,825
Henkel AG & Co. KGaA Vorzug (Germany)	8,574	633,223
Reckitt Benckiser Group PLC (United Kingdom)	12,969	1,048,858
		2,830,906
Industrial conglomerates (0.2%)	4.505	050.000
Hitachi, Ltd. (Japan)	4,565	253,299
Insurance (6.7%)		253,299
	144 520	650 606
Aggon NV (Netherlands)	144,528	658,686
Ageas SA/NV (Belgium)	1,425	63,443
AIA Group, Ltd. (Hong Kong)	50,343	549,302
ASR Nederland NV (Netherlands)	2,741	120,787
Aviva PLC (United Kingdom)	148,314	789,099
AXA SA (France)	20,117	656,753
IA Financial Corp., Inc. (Canada)	947	63,543
Legal & General Group PLC (United Kingdom)	162,262	479,199
Muenchener Rueckversicherungs-Gesellschaft AG in Muenchen (Germany)	1,412	530,188
Sampo Oyj Class A (Finland)	16,006	811,750
Sompo Holdings, Inc. (Japan)	26,400	1,101,684
Sun Life Financial, Inc. (Canada)	2,591	127,097
Swiss Re AG (Switzerland)	12,359	1,242,177
Talanx AG (Germany)	2,591	130,027
Tokio Marine Holdings, Inc. (Japan)	63,045	1,268,421
Tomo marine metanga, mar (aupun)	00,010	8,592,156
Interactive media and services (0.5%)		-,,
Auto Trader Group PLC (United Kingdom)	77,978	624,119
1 , 0 ,		624,119
IT Services (1.7%)		•
Fujitsu, Ltd. (Japan)	9,073	1,209,022
NEC Corp. (Japan)	19,700	758,031
Sopra Steria Group SACA (France)	762	165,123
TietoEVRY Oyj (Finland)	3,947	126,303
		2,258,479
Life sciences tools and services (0.5%)		
ICON PLC (Ireland) †	559	107,714
QIAGEN NV (Netherlands) †	9,804	437,864
Tecan Group AG (Switzerland)	282	122,833
		668,411
Machinery (2.2%)		
FANUC Corp. (Japan)	14,100	477,668
GEA Group AG (Germany)	12,548	588,078
Hitachi Construction Machinery Co., Ltd. (Japan)	9,077	223,728
Mitsubishi Heavy Industries, Ltd. (Japan)	25,519	967,165
Sandvik AB (Sweden)	29,643	605,588
		2,862,227

COMMON STOCKS (98.6%)* cont.	Shares	Value
Marine transportation (0.4%)		
Mitsui OSK Lines, Ltd. (Japan)	9,600	\$237,582
Nippon Yusen (Japan)	10,300	243,332
		480,914
Metals and mining (3.4%)		
BHP Group, Ltd. ADR (Australia)	27,527	1,625,194
Boliden AB (Sweden)	21,893	784,096
IGO, Ltd. (Australia)	56,439	515,138
Lynas Rare Earths, Ltd. (Malaysia) †	22,205	95,108
Mineral Resources, Ltd. (Australia)	13,626	666,357
Norsk Hydro ASA (Norway)	56,073	412,517
Northern Star Resources, Inc. (Australia)	15,447	136,903
Teck Resources, Ltd. Class B (Canada)	2,967	138,262
		4,373,575
Multi-utilities (1.1%)		
National Grid PLC (United Kingdom)	102,878	1,475,704
		1,475,704
Oil, gas, and consumable fuels (2.7%)		
ARC Resources, Ltd. (Canada)	11,137	138,344
BP PLC ADR (United Kingdom)	3,049	122,814
Galp Energia SGPS SA (Portugal)	21,708	263,057
Gaztransport & Technigaz SA (France)	1,118	119,879
Koninklijke Vopak NV (Netherlands) †	4,166	159,206
Neste Oyj (Finland)	7,323	353,896
Repsol SA (Spain)	7,975	117,144
Shell PLC (London Exchange) (United Kingdom)	38,758	1,192,382
TotalEnergies SE (France)	3,362	214,323
Woodside Energy Group, Ltd. (Australia)	37,464	849,754
		3,530,799
Passenger airlines (0.2%)		
Deutsche Lufthansa AG (Germany) †	22,875	245,243
		245,243
Personal care products (0.1%)		
Unilever PLC (United Kingdom)	1,248	69,511
		69,511
Pharmaceuticals (10.6%)		
Astellas Pharma, Inc. (Japan)	25,087	378,353
AstraZeneca PLC ADR (United Kingdom)	11,044	808,642
GSK PLC ADR (United Kingdom)	21,304	767,583
Novartis AG (Switzerland)	28,169	2,883,116
Novo Nordisk A/S Class B (Denmark)	17,716	2,955,348
Ono Pharmaceutical Co., Ltd. (Japan)	30,000	607,134
Roche Holding AG (Switzerland)	7,547	2,365,515
Shionogi & Co., Ltd. (Japan)	21,731	973,511
Takeda Pharmaceutical Co., Ltd. (Japan)	30,600	1,017,376
UCB SA (Belgium)	10,063	937,438
		13,694,016
Professional services (2.5%)		
Bureau Veritas SA (France)	24,282	699,942
Computershare, Ltd. (Australia)	28,475	422,626

COMMON STOCKS (98.6%)* cont.	Shares	Value
Professional services cont.		
RELX PLC (United Kingdom)	48,536	\$1,614,509
Teleperformance (France)	2,764	550,702
		3,287,779
Real estate management and development (2.2%)		
CK Asset Holdings, Ltd. (Hong Kong)	86,258	510,034
Daiwa House Industry Co., Ltd. (Japan)	47,059	1,201,032
ESR Group, Ltd. (Hong Kong)	42,400	66,323
Nomura Real Estate Holdings, Inc. (Japan)	9,894	246,29
Wharf Real Estate Investment Co., Ltd. (Hong Kong)	133,720	771,518
		2,795,198
Retail REITs (0.4%)		
Klepierre SA (France)	17,831	452,236
		452,236
Semiconductors and semiconductor equipment (4.8%)		
Advantest Corp. (Japan)	14,574	1,131,68
ASML Holding NV (NY Reg Shares) (Netherlands)	4,092	2,606,03
Infineon Technologies AG (Germany)	29,754	1,080,333
SMA Solar Technology AG (Germany) †	1,179	127,098
STMicroelectronics NV (NY Reg Shares) (France)	2,504	107,37
Tokyo Electron, Ltd. (Japan)	9,701	1,107,87
		6,160,38
Software (0.5%)		
Sage Group PLC (The) (United Kingdom)	52,231	538,43
SAP SE (Germany)	592	80,193
		618,627
Specialty retail (1.1%)		
Industria de Diseno Textil SA (Spain)	41,064	1,412,429
		1,412,429
Textiles, apparel, and luxury goods (3.1%)		
Christian Dior SE (France)	152	139,692
Hermes International (France)	124	269,073
HUGO BOSS AG (Germany)	1,981	148,922
Kering SA (France)	2,200	1,408,066
LVMH Moet Hennessy Louis Vuitton SA (France)	1,135	1,090,66
Moncler SpA (Italy)	6,338	469,899
Pandora A/S (Denmark)	4,806	446,102
		3,972,41
Trading companies and distributors (3.5%)		
AerCap Holdings NV (Ireland) †	11,323	638,16
Brenntag SE (Germany)	12,321	1,002,72
Ferguson PLC (United Kingdom)	864	121,75
IMCD NV (Netherlands)	4,516	679,962
ITOCHU Corp. (Japan)	19,400	644,658
Marubeni Corp. (Japan)	18,900	268,54
Mitsui & Co., Ltd. (Japan)	35,235	1,103,176
		4,458,980
Transportation infrastructure (0.5%)		
Getlink SE (France)	36,678	685,728
		685,728

COMMON STOCKS (98.6%)* cont.	Shares	Value
Wireless telecommunication services (2.1%)		
KDDI Corp. (Japan)	47,125	\$1,471,608
SoftBank Corp. (Japan)	113,500	1,278,374
		2,749,982
Total common stocks (cost \$123,800,357)		\$126,860,152

SHORT-TERM INVESTMENTS (0.6%)*	Shares	Value
Putnam Government Money Market Fund Class P 4.40% L	732,289	\$732,289
Total short-term investments (cost \$732,289)		\$732,289

TOTAL INVESTMENTS	
Total investments (cost \$124,532,646)	\$127,592,441

## Key to holding's abbreviations

ADR American Depository 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 January 19, 2023 (commencement of operations) through April 30, 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 \$128,687,709.
- † This security is non-income-producing.
- L Affiliated company (Note 6). The rate quoted in the security description is the annualized 7-day yield of the fund at the close of the reporting period.

### **DIVERSIFICATION BY COUNTRY**

Distribution of investments by country of risk at the close of the reporting period, excluding collateral received, if any (as a percentage of Portfolio Value):

Hongkong

Japan	20.8%
United Kingdom	15.3
France	11.1
Switzerland	10.0
Australia	7.7
Germany	6.9
Denmark	5.1
Netherlands	4.9
Finland	3.3
Spain	3.3
Sweden	2.8

Total	100.0%
Other	0.7
Canada	0.5
New Zealand	0.6
United States	0.6
Norway	0.7
Italy	0.8
Ireland	0.8
Belgium	1.0
Singapore	1.0
Hongkong	2.1%

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

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:

## Valuation inputs

		•	
Investments in securities:	Level 1	Level 2	Level 3
Common stocks*:			
Communication services	\$132,465	\$5,330,412	\$—
Consumer discretionary	_	17,248,615	_
Consumer staples	143,059	14,493,083	_
Energy	261,158	3,398,207	_
Financials	190,640	23,027,583	_
Health care	1,683,939	15,609,922	_
Industrials	638,164	18,821,902	_
Information technology	3,746,494	6,614,481	_
Materials	2,800,404	5,790,187	_
Real estate	_	3,718,657	_
Utilities	_	3,210,780	_
Total common stocks	9,596,323	117,263,829	_
Short-term investments	732,289	_	_
Totals by level	\$10,328,612	\$117,263,829	\$-

 $<sup>^{\</sup>star} \, \text{Common stock classifications are presented at the sector level, which may differ from the fund's portfolio presentation.}$ 

## Statement of assets and liabilities 4/30/23

ASSETS	
Investment in securities, at value (Note 1):	
Unaffiliated issuers (identified cost \$123,800,357)	\$126,860,152
Affiliated issuers (identified cost \$732,289) (Note 6)	732,289
Cash	18
Foreign currency (cost \$400,620) (Note 1)	400,562
Dividends, interest and other receivables	614,182
Foreign tax reclaim	131,754
Total assets	128,738,957
LIABILITIES	
Payable for compensation of Manager (Note 2)	51,248
Total liabilities	51,248
Net assets	\$128,687,709
REPRESENTED BY	
Paid-in capital (Unlimited shares authorized) (Notes 1, 4 and 5)	\$124,135,965
Total distributable earnings (Note 1)	4,551,744
Total — Representing net assets applicable to capital shares outstanding	\$128,687,709

## **COMPUTATION OF NET ASSET VALUE**

Net asset value per share (\$128,687,709 divided by 6,175,000 shares)

\$20.84

**Statement of operations**For the period 1/19/23 (commencement of operations) to 4/30/23

INVESTMENT INCOME	
Dividends (net of foreign tax of \$216,617)	\$1,789,112
Interest (including interest income of \$5,291 from investments in affiliated issuers) (Note 6)	6,864
Total investment income	1,795,976

EXPENSES	
Compensation of Manager (Note 2)	132,142
Fees waived and reimbursed by Manager (Note 2)	(380)
Total expenses	131,762
Net investment income	1,664,214

REALIZED AND UNREALIZED GAIN (LOSS)	
Net realized gain (loss) on:	
Securities from unaffiliated issuers (Notes 1 and 3)	(206,052)
Foreign currency transactions (Note 1)	34,421
Total net realized loss	(171,631)
Change in net unrealized appreciation (depreciation) on:	
Securities from unaffiliated issuers	3,059,795
Assets and liabilities in foreign currencies	(634)
Total change in net unrealized appreciation	3,059,161
Net gain on investments	2,887,530
Net increase in net assets resulting from operations	\$4,551,744

## Statement of changes in net assets

INCREASE IN NET ASSETS	For the period 1/19/23 (commencement of operations) to 4/30/23
Operations	
Net investment income	\$1,664,214
Net realized loss on investments and foreign currency transactions	(171,631)
Change in net unrealized appreciation of investments and assets and liabilities in foreign currencies	3,059,161
Net increase in net assets resulting from operations	4,551,744
Proceeds from shares sold (Note 4)	127,598,690
Decrease from shares redeemed (Note 4)	(5,542,610)
Other capital (Note 4)	79,885
Total increase in net assets	126,687,709
NET ASSETS	
Beginning of period (Note 5)	2,000,000
End of period	\$128,687,709
NUMBER OF FUND SHARES	
Shares outstanding at beginning of period (Note 5)	100,000
Shares sold (Note 4)	6,350,000
Shares redeemed (Note 4)	(275,000)
Shares outstanding at end of period	6,175,000

## Financial highlights

(For a common share outstanding throughout the period)

PER-SHARE OPERATING PERFORMANCE	
	For the period 1/19/23 (commencement of operations) to 4/30/23
Net asset value, beginning of period	\$20.00
Investment operations:	
Net investment income (loss) <sup>a</sup>	.35
Net realized and unrealized gain (loss) on investments	.47
Total from investment operations	.82
Less distributions:	
From net investment income	_
Total distributions	_
Other capital	.02
Net asset value, end of period	\$20.84
Total return at net asset value (%) b	4.20 <sup>*</sup>

RATIOS AND SUPPLEMENTAL DATA	
Net assets, end of period (in thousands)	\$128,688
Ratio of expenses to average net assets (%) c.d	.14*
Ratio of net investment income (loss) to average net assets (%) <sup>d</sup>	1.73*
Portfolio turnover (%) e	42*

<sup>\*</sup> Not annualized.

<sup>&</sup>lt;sup>a</sup> Per share net investment income (loss) has been determined on the basis of the weighted average number of shares outstanding during the period.

<sup>&</sup>lt;sup>b</sup> 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, if any.

## Notes to financial statements 4/30/23

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 January 19, 2023 (commencement of operations) through April 30, 2023.

Putnam PanAgora ESG International Equity ETF (the fund) is a 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. The fund's investment objective is to seek long term capital appreciation. The fund invests mainly in common stocks (growth or value stocks or both) of companies of any size outside the United States with a focus on companies that PanAgora Asset Management, Inc. ("PanAgora"), the subadviser to the fund and an affiliate of Putnam Management, believes offer attractive benchmark-relative returns and exhibit positive ESG metrics. In evaluating and selecting investments for the fund, PanAgora employs a proprietary framework using quantitative models that identify companies that offer above-market return potential based on their ESG metrics, together with other proprietary factors measuring a company's financial and operational health, and then construct a portfolio that integrates return potential and ESG metrics.

PanAgora uses advanced statistical and machine learning techniques, together with third-party and proprietary data sources, in evaluating companies' ESG metrics and return potential. Metrics designed to evaluate companies' environmental practices may include third-party or proprietary data sources, including those regarding a company's environmental footprint or its environmental efficiencies. Metrics designed to evaluate companies' social practices may include third-party or proprietary data sources, including those regarding board diversity levels at a company. Metrics designed to evaluate companies' governance practices may include third-party or proprietary data sources, including those regarding a company's shareholder structure. Additionally, PanAgora's quantitative model may also use third-party and/or proprietary data sources to identify companies exhibiting improved ESG profiles or those investing in ESG initiatives. The ESG metrics and information used in the portfolio construction process may change over time and may not be relevant to all companies that are eligible for investment by the fund.

In addition, the fund will not invest in securities of companies that PanAgora, based on third-party data, determines at the time of investment to have a severe ESG risk rating (which measures a company's exposure to industry-specific material ESG risks and how well a company is managing those risks), to have a category 5 controversy rating (an assessment of a company's involvement in incidents with negative ESG implications), to be classified as non-compliant under the United Nations Global Compact principles, or to be substantially engaged in Arctic drilling or in the thermal coal, palm oil, controversial weapons or tobacco industries (each, a "Restricted Company"). In addition, at the time of any periodic rebalancing of the fund's portfolio, the fund will dispose of its position in any security that, at that time, PanAgora determines to be a Restricted Company.

Under normal circumstances, the fund invests at least 80% of its net assets in equity securities of companies that meet PanAgora's ESG criteria. PanAgora will assign each company an ESG rating using proprietary ESG scores. In order to meet PanAgora's ESG criteria, a company must have an ESG score above 0, reflecting more positive characteristics, and, on or after June 12, 2023, must also not be a Restricted Company. A negative ESG score indicates a lower (or worse) rating. PanAgora assigns companies an ESG score that ranges from –2 to +2, although the range of scores may change over time. This policy is non-fundamental and may be changed only after 60 days' notice to shareholders. PanAgora may not apply ESG criteria to investments that are not subject to the fund's 80% policy, and such investments may not meet PanAgora's ESG criteria.

The fund's equity investments may include common stocks, preferred stocks, convertible securities, warrants, American Depositary Receipts ("ADRs") and Global Depositary Receipts ("GDRs"). The fund invests mainly in developed countries but may also invest in emerging markets.

PanAgora 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. While PanAgora may consider independent third-party data as a part of its analytical process (and currently uses third-party data in applying certain of the fund's investment policies), the portfolio management team performs its own independent analysis of issuers, through its quantitative model and proprietary scoring system, and does not rely solely on third-party screens.

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 have formed a Pricing Committee to 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 Pricing Committee.

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.

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.

Many securities markets and exchanges outside the U.S. close prior to the scheduled close of the New York Stock Exchange and therefore the closing prices for securities in such markets or on such exchanges may not fully reflect events that occur after such close but before the scheduled close of the New York Stock Exchange. Accordingly, on certain days, the fund will fair value certain foreign equity securities taking into account multiple factors including movements in the U.S. securities markets, currency valuations and comparisons to the valuation of American Depository Receipts, exchange-traded funds and futures contracts. The foreign equity securities, which would generally be classified as Level 1 securities, will be transferred to Level 2 of the fair value hierarchy when they are valued at fair value. The number of days on which fair value prices will be used will depend on market activity and it is possible that fair value prices will be used by the fund to a significant extent. At the close of the reporting period, fair value pricing was used for certain foreign securities in the portfolio. Securities quoted in foreign currencies, if any, are translated into U.S. dollars at the current exchange rate. 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.

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, 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.

Foreign currency translation The accounting records of the fund are maintained in U.S. dollars. The fair value of foreign securities, currency holdings, and other assets and liabilities is recorded in the books and records of the fund after translation to U.S. dollars based on the exchange rates on that day. The cost of each security is determined using historical exchange rates. Income and withholding taxes are translated at prevailing exchange rates when earned or incurred. The fund does not isolate that portion of realized or unrealized gains or losses resulting from changes in the foreign exchange rate on investments from fluctuations arising from changes in the market prices of the securities. Such gains and losses are included with the net realized and unrealized gain or loss on investments. Net realized gains and losses on foreign currency transactions represent net realized exchange gains or losses on disposition of foreign currencies, currency gains and losses realized between the trade and settlement dates on securities transactions and the difference between the amount of investment income and foreign withholding taxes recorded on the fund's books and the U.S. dollar equivalent amounts actually received or paid. Net unrealized appreciation and depreciation of assets and liabilities in foreign currencies arise from changes in the value of assets and liabilities other than investments at the period end, resulting from changes in the exchange rate.

**Lines of credit** Effective May 2, 2023, the fund participates, along with other Putnam funds, in a \$320 million syndicated unsecured committed line of credit, provided by State Street (\$160 million) and JPMorgan Chase Bank, N.A. (\$160 million), and a \$235.5 million unsecured uncommitted line of credit, 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 to State Street as agent of the syndicated committed line of credit. 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.

The fund may also be subject to taxes imposed by governments of countries in which it invests. Such taxes are generally based on either income or gains earned or repatriated. The fund accrues and applies such taxes to net investment income, net realized gains and net unrealized gains as income and/or capital gains are earned. In some cases, the fund may be entitled to reclaim all or a portion of such taxes, and such reclaim amounts, if any, are reflected as an asset on the fund's books. In many cases, however, the fund may not receive such amounts for an extended period of time, depending on the country of investment.

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 April 30, 2023, 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	
\$71,303	\$—	\$71,303	

**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. These differences include temporary and/or permanent differences from losses on wash sale transactions, from foreign currency gains and losses and from unrealized gains and losses on passive investment companies. 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. At the close of the reporting period, the fund reclassified \$222,087 to increase undistributed net investment income and \$222,087 to increase accumulated net realized loss.

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 tax basis components of distributable earnings and the federal tax cost as of the close of the reporting period were as follows:

Unrealized appreciation	\$6,025,765
Unrealized depreciation	(3,288,385)
Net unrealized appreciation	2,737,380
Undistributed ordinary income	1,886,301
Capital loss carryforward	(71,303)
Cost for federal income tax purposes	\$124.855.061

**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 0.49% 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 \$380 relating to the fund's investment in Putnam Government Money Market Fund.

PanAgora, an affiliate of Putnam Management, is authorized by the Trustees to make investment decisions for the assets of the fund as determined by Putnam Management. Putnam Management (and not the fund) pays a quarterly sub-advisory fee to PanAgora for its services at an annual rate of 0.17% of the average net assets of the fund.

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, were as follows:

	Cost of purchases	Proceeds from sales
Investments in securities (Long-term)	\$164,213,465	\$40,207,056
U.S. government securities (Long-term)	_	_
Total	\$164.213.465	\$40,207,056

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.

## Note 5: Initial capitalization and offering of shares

The fund was established as a series of the Trust on May 10, 2022. The fund had no operations other than those related to organizational matters, including the initial capital contribution of \$2,000,000 by Putnam Investment Holdings, LLC and the issuance of 100,000 shares on January 19, 2023.

## Note 6: 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 1/19/23 (commence- ment of operations)	Purchase cost	Sale proceeds	Investment income	Shares outstanding and fair value as of 4/30/23
Short-term investment	s				
Putnam Government Money Market Fund***	\$—	\$3,998,995	\$3,266,706	\$5,291	\$732,289
Total Short-term investments	\$-	\$3,998,995	\$3,266,706	\$5,291	\$732,289

<sup>\*\*\*</sup>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 7: 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.

Investing in companies or issuers that exhibit a commitment to ESG factors may result in the fund investing in certain types of companies or issuers that underperform the market as a whole. In evaluating an investment opportunity, Putnam Management may make investment decisions based on information and data that is incomplete or inaccurate. Due to changes in the products or services of the companies and issuers in which the fund invests, the fund may temporarily hold securities that are inconsistent with its ESG investment criteria.

## Note 8: Subsequent event

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 Management, a wholly owned subsidiary of Putnam Holdings and investment manager to the Putnam family of funds (the "Putnam Funds"), 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. Therefore, the Board of Trustees of the Putnam Funds will be asked to approve a new investment management contract between each Putnam Fund and Putnam Management (and new sub-management and sub-advisory contracts, if applicable). If approved by the Board of Trustees, the new investment management contract will be presented to the shareholders of each Putnam Fund for their approval.

## Federal tax information (Unaudited)

For the reporting period, total interest and dividend income from foreign countries were \$2,004,154, or \$0.32 per share. Taxes paid to foreign countries were \$216,617, or \$0.04 per share.

For the reporting period, the fund hereby designates 79.93%, or the maximum amount allowable, of its taxable ordinary income distributions as qualified dividends taxed at the individual net capital gain rates.

The Form 1099 that will be mailed to you in January 2024 will show the tax status of all distributions paid to your account in calendar 2023.

## **About the Trustees**

### INDEPENDENT TRUSTEES



Liaquat Ahamed
Born 1952, Trustee since 2012
Principal occupations during past
five years: Author; won Pulitzer Prize for
Lords of Finance: The Bankers Who Broke

the World

**Other directorships:** 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

**Principal occupations during past five years:** President of Cross Creek

Energy Corporation, a strategic consultant to domestic energy firms and direct investor in energy projects.

Other directorships: 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

Principal occupations during past five years: Voting member of the Investment Committees of the Anne Ray Foundation

and Margaret A. Cargill Foundation, part of the Margaret A. Cargill Philanthropies.

**Other directorships:** Director of the Great Lakes Science Center and of College Now Greater Cleveland.



Catharine Bond Hill Born 1954. Trustee since 2017

**Principal occupations during past five years:** Managing Director of Ithaka
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.

**Other directorships:** Director of Yale-NUS College and Trustee of Yale University.



Kenneth R. Leibler

Born 1949, Trustee since 2006, Vice Chair from 2016 to 2018, Chair since 2018

## Principal occupations during past

**five years:** 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.

Other directorships: 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.



Jennifer Williams Murphy

Born 1964, Trustee since 2022 **Principal occupations during past** 

**Principal occupations during past five years:** 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 advisor, and Chief Executive Officer and President of Western Asset Mortgage Capital Corporation, a mortgage finance real estate investment trust.

**Other directorships:** Previously, a Director of Western Asset Capital Corporation.



Marie Pillai

Born 1954, Trustee since 2022

**Principal occupations during past five years:** 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.

Other directorships: Director of the Catholic Community Foundation of Minnesota; Investment Advisory Board Member of the University of Minnesota; Member of the Investment Committee of the Bush Foundation, a nonprofit 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; and previously a Board Member of Catholic Charities of St. Paul and Minneapolis.



George Putnam III

Born 1951, Trustee since 1984

Principal occupations during past five years: 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 advisor to private funds.

**Other directorships:** Director of The Boston Family Office, LLC, a registered investment advisor; 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

Principal occupations during past five years: 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.

Other directorships: 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

Principal occupations during past five years: Partner, Investment Strategies, at The Vistria Group, a private investment

firm focused on middle-market companies in the health care, education, and financial services industries. From 2014 to 2018, Partner at Macro Advisory Partners, a global consulting firm. Other directorships: 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.

### INTERESTED TRUSTEE



## Robert L. Reynolds\*

Born 1952, Trustee since 2008, President and Chief Executive Officer of Putnam Investments since 2008

## Principal occupations during past five

years: President and Chief Executive Officer of Putnam Investments; member of Putnam Investments' Board of Directors; and 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.

Other directorships: 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.

\* Mr. Reynolds is an "interested person" (as defined in the Investment Company Act of 1940) of the fund and Putnam Investments. He is President and Chief Executive Officer of Putnam Investments, as well as the President of your fund and each of the other Putnam funds.

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

As of April 30, 2023, there were 88 mutual funds, 4 closed-end funds, and 12 exchange-traded funds in the Putnam funds complex. Each Trustee serves as Trustee of all funds in the Putnam funds complex.

Each Trustee serves for an indefinite term, until his or her resignation, retirement at age 75, removal, or death.

## **Officers**

In addition to Robert L. Reynolds, the other officers of the fund are shown below:

## James F. Clark (Born 1974)

Vice President and Chief Compliance Officer Since 2016

Chief Compliance Officer and Chief Risk Officer, Putnam Investments, and Chief Compliance Officer, Putnam Management

## **Michael J. Higgins** (Born 1976) Vice President, Treasurer, and Clerk

Since 2010

### Jonathan S. Horwitz (Born 1955)

Executive Vice President, Principal Executive Officer, and Compliance Liaison

Since 2004

## Richard T. Kircher (Born 1962)

Vice President and BSA Compliance Officer Since 2019

Assistant Director, Operational Compliance, Putnam Investments and Putnam Retail Management

## Martin Lemaire (Born 1984)

Vice President and Derivatives Risk Manager Since 2022

Risk Manager and Risk Analyst, Putnam Investments

## Susan G. Malloy (Born 1957)

Vice President and Assistant Treasurer
Since 2007
Head of Accounting and Middle Office Services,
Putnam Investments and Putnam Management

## Alan G. McCormack (Born 1964)

Vice President and Derivatives Risk Manager Since 2022

Head of Quantitative Equities and Risk, Putnam Investments

### Denere P. Poulack (Born 1968)

Assistant Vice President, Assistant Clerk, and Assistant Treasurer

Since 2004

### Janet C. Smith (Born 1965)

Vice President, Principal Financial Officer, Principal Accounting Officer, and Assistant Treasurer Since 2007 Head of Fund Administration Services, Putnam Investments and Putnam Management

## Stephen J. Tate (Born 1974)

Vice President and Chief Legal Officer
Since 2021
General Counsel, Putnam Investments,
Putnam Management, and Putnam Retail Management

## Mark C. Trenchard (Born 1962)

Vice President
Since 2002
Director of Operational Compliance, Putnam
Investments and Putnam Retail Management

The principal occupations of the officers for the past five years have been with the employers as shown above, although in some cases they have held different positions with such employers. The address of each officer is 100 Federal Street, Boston, MA 02110.

## **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

PanAgora Asset Management, Inc. One International Place, 24th Floor Boston, MA 02110

## **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

## Independent Registered Public Accounting Firm

PricewaterhouseCoopers 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

