

IMPORTANT NOTICE: Beginning on January 1, 2021, reports like this one will no longer automatically be sent by mail. See inside for more information.



Putnam Premier Income Trust

Annual report

7 | 31 | 19



Income funds invest in bonds and other securities with the goal of providing a steady stream of income over time.

FUND SYMBOL
PPT

Putnam Premier Income Trust

Annual report

7 | 31 | 19

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IMPORTANT NOTICE: Delivery of paper fund reports

In accordance with regulations adopted by the Securities and Exchange Commission, beginning on January 1, 2021, reports like this one will no longer be sent by mail unless you specifically request it. Instead, they will be on Putnam’s website, and you will be notified by mail whenever a new one is available, and provided with a website link to access the report.

If you wish to stop receiving paper reports sooner, or if you wish to continue to receive paper reports free of charge after January 1, 2021, please see the back cover or insert for instructions. If you invest through a bank or broker, your choice will apply to all funds held in your account. If you invest directly with Putnam, your choice will apply to all Putnam funds in your account.

If you already receive these reports electronically, no action is required.

Message from the Trustees

September 19, 2019

Dear Fellow Shareholder:

If there is any lesson to be learned from constantly changing financial markets, it is the importance of positioning your investment portfolio for your long-term goals. We believe that one strategy is to diversify across different asset classes and investment approaches.

We also believe your mutual fund investment offers a number of advantages, including constant monitoring by experienced investment professionals who maintain a long-term perspective. Putnam's portfolio managers and analysts take a research-intensive approach that includes risk management strategies designed to serve you through changing conditions.

Another key strategy, in our view, is seeking the counsel of a financial advisor. For over 80 years, Putnam has recognized the importance of professional investment advice. Your financial advisor can help in many ways, including defining and planning for goals such as retirement, evaluating the level of risk appropriate for you, and reviewing your investments on a regular basis and making adjustments as necessary.

As always, your fund's Board of Trustees remains committed to protecting the interests of Putnam shareholders like you, and we 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

About the fund

A multisector approach to fixed income

When Putnam Premier Income Trust was launched in 1988, its three-pronged focus on U.S. investment-grade bonds, high-yield corporate bonds, and non-U.S. bonds was considered innovative.

In the more than 25 years since then, the fixed-income landscape has undergone a dramatic transformation, but the spirit of ingenuity that helped launch the fund is still with it today.

A veteran portfolio management team

The fund's managers strive to build a well-diversified portfolio that carefully balances risk and return, targeting opportunities in interest rates, credit, mortgages, and currencies from across the full spectrum of the global bond markets.



D. William Kohli
Chief Investment Officer,
Fixed Income
Industry since 1988
At Putnam since 1994



Michael V. Salm
Co-Head of Fixed Income
Industry since 1989
At Putnam since 1997



Paul D. Scanlon, CFA
Co-Head of Fixed Income
Industry since 1986
At Putnam since 1999



Robert L. Davis, CFA
Portfolio Manager
Industry since 1999
At Putnam since 1999



Brett S. Kozlowski, CFA
Portfolio Manager
Industry since 1997
At Putnam since 2008



Michael J. Atkin
Portfolio Manager
Industry since 1988
At Putnam since 1997
(Photo not available.)

Diversified holdings across a wide range of security types and market sectors

INVESTMENT ALLOCATIONS BY SECURITY TYPE

Securitized	113.1%
Credit	27.5%
Government	13.2%
Equity	0.2%
Cash and net other assets	9.0%

INVESTMENT ALLOCATIONS BY SECTOR

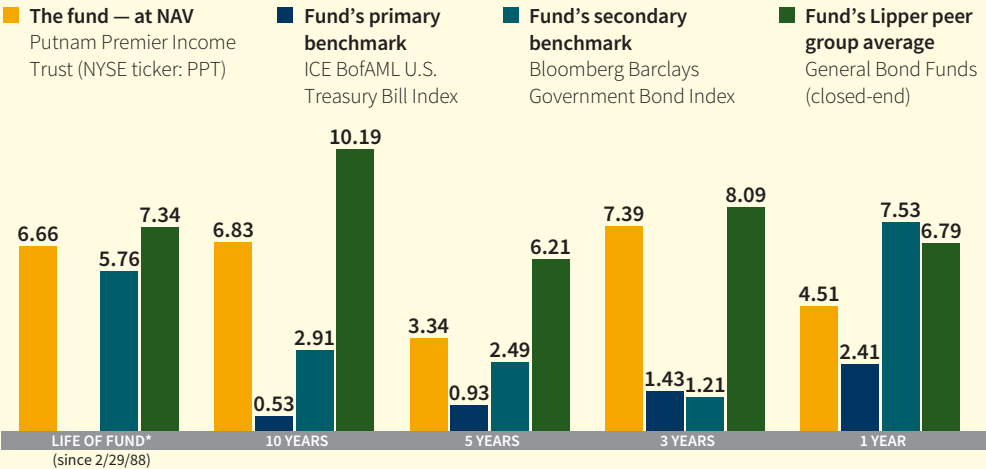
Agency pass-through	49.6%
Commercial MBS	26.2%
Agency collateralized mortgage obligations	22.4%
High-yield corporate bonds	14.6%
Non-agency residential MBS	13.4%
Emerging-market bonds	12.8%
Convertible securities	3.9%
International Treasuries/agency securities	3.9%
Bank loans	3.0%
Investment-grade corporate bonds	2.5%
Asset-backed securities	1.5%
Equity investments	0.2%
Cash and net other assets	9.0%

Allocations are shown as a percentage of the fund's net assets as of 7/31/19. 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 use of different classifications of securities for presentation purposes, and rounding.

Allocations may not total 100% because the table includes the notional value of certain derivatives (the economic value for purposes of calculating periodic payment obligations), in addition to the market value of securities. Holdings and allocations may vary over time.

Performance history as of 7/31/19

Annualized total return (%) comparison

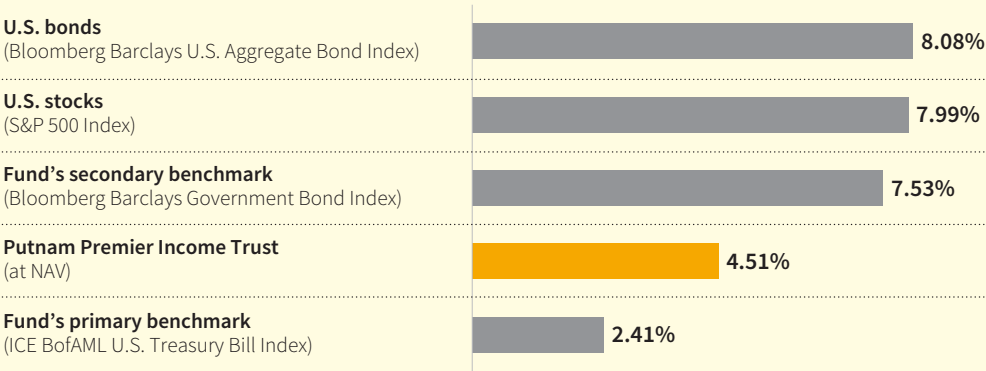


Data are historical. Past performance does not guarantee future results. More recent returns may be less or more than those shown. Investment return and net asset value will fluctuate, and you may have a gain or a loss when you sell your shares. Performance assumes reinvestment of distributions and does not account for taxes. Fund returns in the bar chart are at NAV. See below and pages 11–12 for additional performance information, including fund returns at market price. Index and Lipper results should be compared with fund performance at NAV.

Effective January 30, 2018, the ICE BofAML U.S. Treasury Bill Index replaced the Bloomberg Barclays Government Bond Index as the fund's primary benchmark. In Putnam Management's opinion, the new index is more appropriate to the fund's flexible multisector investment approach.

* The fund's primary benchmark (ICE BofAML U.S. Treasury Bill Index) was introduced on 6/30/92, which post-dates the inception of the fund's class A shares.

Recent broad market index and fund performance



This comparison shows your fund's performance in the context of broad market indexes for the 12 months ended 7/31/19. See above and pages 11–12 for additional fund performance information. Index descriptions can be found on pages 14–15.

Interview with your fund's portfolio manager

Bill Kohli discusses fund results and the key factors driving the bond markets for the 12 months ended July 31, 2019, as well as his outlook for the fund.



D. William Kohli
Portfolio Manager

Bill is Chief Investment Officer, Fixed Income. He has an M.B.A. from the Haas School of Business, University of California, Berkeley, and a B.A. from the University of California, San Diego. Bill joined Putnam in 1994 and has been in the investment industry since 1988.

Michael J. Atkin; Robert L. Davis, CFA; Brett S. Kozlowski, CFA; Michael V. Salm; and Paul D. Scanlon, CFA, are also Portfolio Managers of the fund.

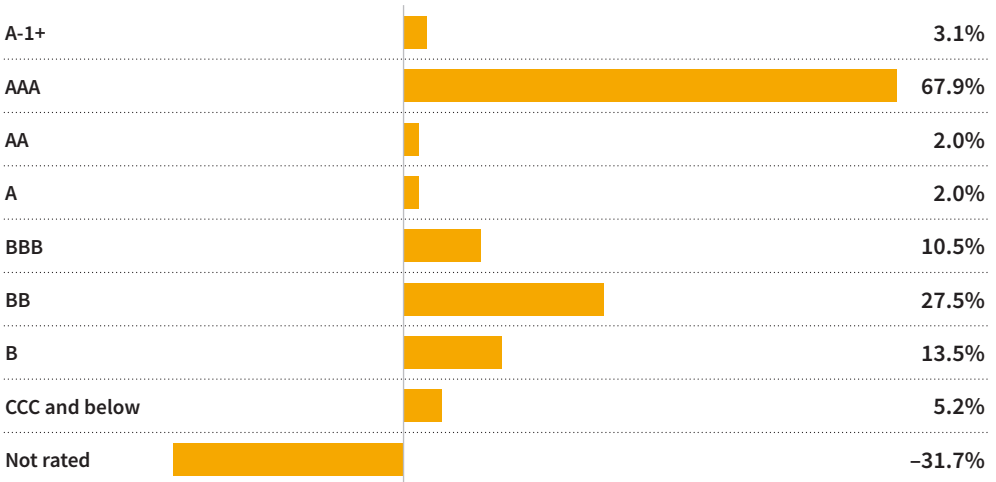
Bill, how would you summarize the fund's investment environment during the reporting period?

Risk-driven fixed-income market sectors were relatively calm early in the period. However, the backdrop shifted dramatically in the fourth quarter of 2018 as investor sentiment became sharply risk-averse and market volatility spiked. A confluence of factors, including the ongoing U.S.–China trade dispute and concern about slowing global economic growth led to a sharp downturn in risk assets.

Early in the new year, investor sentiment improved markedly following comments from U.S. Federal Reserve [Fed] Chair Jerome Powell that mild inflation would give the central bank greater flexibility to set policy in 2019. Market participants also welcomed Powell's announcement that the Fed was not on a "pre-set" path to push its benchmark rate higher, after hiking rates every quarter in 2018. Progress in U.S.–China trade talks provided a further boost to sentiment across risk-driven markets.

Risk assets remained on a generally positive path during the second half of the period, aside from a modest pullback in May, which was

Credit quality overview



Credit qualities are shown as a percentage of the fund's net assets as of 7/31/19. A bond rated BBB or higher (A-3 or higher, for short-term debt) is considered investment grade. This chart reflects the highest security rating provided by one or more of Standard & Poor's, Moody's, and Fitch. To-be-announced (TBA) mortgage commitments, if any, are included based on their issuer ratings. Ratings may vary over time.

Cash, derivative instruments, and net other assets are shown in the not-rated category. Payables and receivables for TBA mortgage commitments are included in the not-rated category and may result in negative weights. The fund itself has not been rated by an independent rating agency.

triggered by fears of an extended trade conflict with China.

Bond yields around the world declined during the period, with central banks signaling that they were willing to keep interest rates low for longer than investors were expecting. Rates across a range of international markets slid into — or further into — negative territory.

In the United States, government-bond yields fell, reflecting investor concerns about slowing growth and global trade tensions. After reaching period highs of 3.23% in early October and again in early November, the yield on the benchmark 10-year U.S. Treasury note — which drops when bond prices rise — declined steadily, finishing the period at 2.02%.

On the final day of the period, the Fed — in a much anticipated move — cut its target for short-term interest rates by a quarter-percentage point. In making its first rate reduction since 2008, the central bank sought to provide support to the

U.S. economy in light of slowing global growth and continuing trade tensions.

The fund posted a modest gain for the 12-month period. Which holdings and strategies aided performance?

Our interest-rate and yield-curve positioning was the biggest contributor. The fund's duration was moderately positive, which aided performance as rates declined. Also, the fund's positioning benefited from a flattening of the yield curve, as yields declined across the curve, in both the United States and Europe.

An allocation to commercial mortgage-backed securities [CMBS] also significantly contributed, led by exposure to mezzanine CMBS via CMBX, an index that references a basket of CMBS issued in a particular year. CMBX rallied along with other risk-driven assets during the second half of the period, and actually held up better than corporate credit during the market pullback in May. In general, CMBS benefited by

being less sensitive to market concerns about the U.S.–China trade dispute.

By way of background, mezzanine CMBS are lower in the capital structure of a deal backed by a pool of commercial mortgages. They provide a yield advantage over higher-rated bonds, while having a smaller, yet meaningful, amount of principal protection.

How did the fund’s investments in corporate credit influence performance?

Our corporate credit holdings — predominantly high-yield bonds — had an overall neutral impact on fund performance. Following a sharp downturn in 2018’s fourth quarter, our investments rebounded strongly during the first half of 2019.

What about detractors?

Strategies targeting prepayment risk worked against our results this period. The yield on the 10-year U.S. Treasury — a benchmark for mortgage rates — trended lower from early November to the end of the period, declining by nearly a full percentage point during that time. Lower rates increased the incentive for homeowners to refinance their mortgages. This, in turn, increased expectations for faster prepayment speeds on the mortgages underlying our holdings of agency interest-only collateralized mortgage obligations [IOCMOs].

Active currency positioning also modestly detracted. Most global currencies weakened versus the U.S. dollar during the 12-month reporting period. As a result, a long position in the Australian dollar hampered results. A short position in the euro helped and partially

Top holdings

	% of fund’s net assets	Coupon (%)	Maturity date
Securitized sector			
Countrywide Alternative Loan Trust FRB Ser. 06-OA10, class 4A1, (1 Month US LIBOR + 0.19%)	0.75%	2.456%	2046
Federal National Mortgage Association Connecticut Avenue Securities FRB Ser. 16-C03, class 2M2, (1 Month US LIBOR + 5.90%)	0.73%	8.166%	2028
Federal National Mortgage Association Connecticut Avenue Securities FRB Ser. 15-C04, class 1M2, (1 Month US LIBOR + 5.70%)	0.72%	7.966%	2028
Credit sector			
VTB Bank OJSC Via VTB Capital SA 144A unsec. sub. bonds	0.79%	6.950%	2022
Petrobras Global Finance BV company guaranty sr. unsec. unsub. bonds	0.66%	7.375%	2027
Petrobras Global Finance BV company guaranty sr. unsec. unsub. notes	0.62%	6.125%	2022
Government sector			
Mexico (Government of) sr. unsec. bonds	1.03%	5.550%	2045
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon	0.90%	3.000% (3.650%, 2020)	2028
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon	0.85%	3.000% (3.650%, 2020)	2030

This table shows the fund’s top holdings across three key sectors and the percentage of the fund’s net assets that each represented as of 7/31/19. Short-term investments, TBA commitments, and derivatives, if any, are excluded. Holdings may vary over time.

offset the overall negative impact of our currency strategy.

How did you use derivatives during the period?

We used credit default swaps to gain exposure to CMBS via CMBX, and also to hedge the fund’s credit and market risks. We used bond futures and interest-rate swaps to take tactical positions at various points along the yield curve and to hedge the risk associated with the fund’s curve positioning. We also employed interest-rate swaps to gain exposure to rates in various countries. We also utilized options to hedge the fund’s interest-rate risk, to isolate the prepayment risk associated with our CMO holdings, and to help manage overall downside risk. In addition, we used total return swaps as a hedging tool and to help manage the portfolio’s sector exposure as well as its inflation risk. Lastly, we used currency forward contracts to hedge the foreign exchange risk associated with

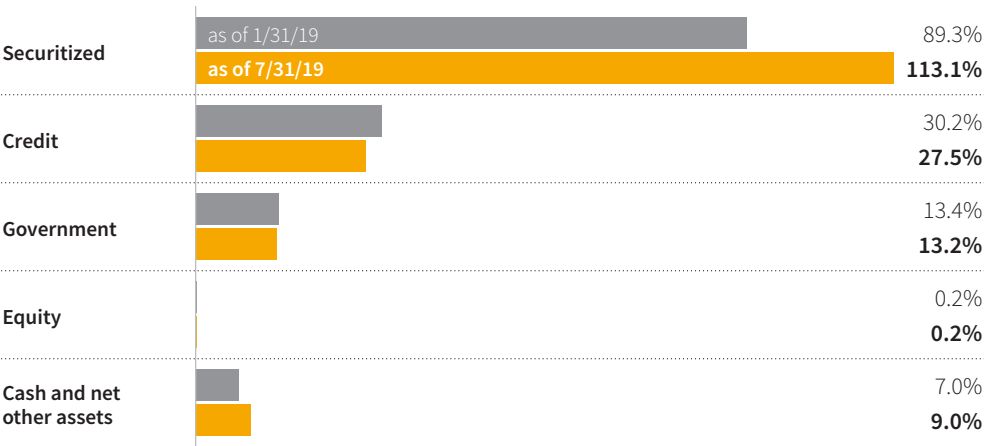
non-U.S. bonds and to efficiently gain exposure to foreign currencies.

How was the team positioning the fund as of period-end?

We continue to favor mortgage credit, prepayment risk, and corporate credit. In our view, the yield premiums provided by CMBS and other types of mortgage credit, as well as high-yield corporate bonds, give the fund an attractive risk/reward profile. However, because we believe we’re in the later stages of both the economic and credit cycles, we are taking a somewhat more conservative approach than previously. We are doing this by purchasing securities with less price sensitivity to changes in yield spreads.

After de-emphasizing interest-rate risk for many years, we are now taking a more balanced approach, rather than keeping the fund’s duration below zero. As noted above, having

Comparison of top sector weightings



This chart shows how the fund’s security type weightings have changed over the past six months. Allocations are shown as a percentage of the fund’s net assets. 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. 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 use of different classifications of securities for presentation purposes, and rounding.

Allocations may not total 100% because the table includes the notional value of certain derivatives (the economic value for purposes of calculating periodic payment obligations), in addition to the market value of securities. Holdings and allocations may vary over time.

“In our view, for U.S. rates to move significantly lower from current levels, it would require an imminent recession, which we think is unlikely.”

Bill Kohli

a positive duration provided a substantial boost to the fund's performance this period, as interest rates declined around the world.

Given where we are in the economic and credit cycles, combined with slowing economic growth, we don't believe rates are likely to rise substantially over the intermediate term. At the same time, we are cognizant of interest-rate risk. In our view, for U.S. rates to move significantly lower from current levels, it would require an imminent recession, which we think is unlikely.

Thanks for your time and for bringing us up to date, Bill.

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.

Of special interest

The Trustees of the Putnam Funds approved an amendment to the dividend policy for Putnam closed-end funds to establish targeted distribution rates for common shares effective with the December 2018 record date. Under the policy, Putnam Premier Income Trust currently expects to make monthly distributions to common shareholders at a distribution rate of \$0.035 per share, up from \$0.026 per share. The fund's targeted distribution rate may change from time to time or discontinue, based on market conditions, among other factors.

ABOUT DERIVATIVES

Derivatives are an increasingly common type of investment instrument, the performance of which is *derived* from an underlying security, index, currency, or other area of the capital markets. Derivatives employed by the fund's managers generally serve one of two main purposes: to implement a strategy that may be difficult or more expensive to invest in through traditional securities, or to hedge unwanted risk associated with a particular position.

For example, the fund's managers might use currency forward contracts to capitalize on an anticipated change in exchange rates between two currencies. This approach would require a significantly smaller outlay of capital than purchasing traditional bonds denominated in the underlying currencies. In another example, the managers may identify a bond that they believe is undervalued relative to its risk of default, but may seek to reduce the interest-rate risk of that bond by using interest-rate swaps, a derivative through which two parties "swap" payments based on the movement of certain rates.

Like any other investment, derivatives may not appreciate in value and may lose money. Derivatives may amplify traditional investment risks through the creation of leverage and may be less liquid than traditional securities. And because derivatives typically represent contractual agreements between two financial institutions, derivatives entail "counterparty risk," which is the risk that the other party is unable or unwilling to pay. Putnam monitors the counterparty risks we assume. For example, Putnam often enters into collateral agreements that require the counterparties to post collateral on a regular basis to cover their obligations to the fund. Counterparty risk for exchange-traded futures and centrally cleared swaps is mitigated by the daily exchange of margin and other safeguards against default through their respective clearinghouses.

HOW CLOSED-END FUNDS DIFFER FROM OPEN-END FUNDS

Closed-end funds and open-end funds share many common characteristics but also have some key differences that you should understand as you consider your portfolio strategies.

More assets at work Open-end funds are subject to ongoing sales and redemptions that can generate transaction costs for long-term shareholders. Closed-end funds, however, are typically fixed pools of capital that do not need to hold cash in connection with sales and redemptions, allowing the funds to keep more assets actively invested.

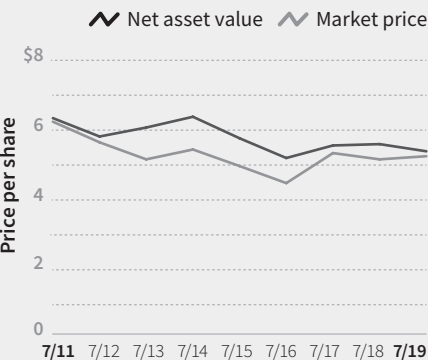
Traded like stocks Closed-end fund shares are traded on stock exchanges and, as a result, their prices fluctuate because of the influence of several factors.

They have a market price Like an open-end fund, a closed-end fund has a per-share net asset value (NAV). However, closed-end funds also have a “market price” for their shares — which is how much you pay when you buy shares of the

fund, and how much you receive when you sell them.

When looking at a closed-end fund’s performance, you will usually see that the NAV and the market price differ. The market price can be influenced by several factors that cause it to vary from the NAV, including fund distributions, changes in supply and demand for the fund’s shares, changing market conditions, and investor perceptions of the fund or its investment manager. A fund’s performance at market price typically differs from its results at NAV.

Putnam Premier Income Trust



Your fund's performance

This section shows your fund's performance, price, and distribution information for periods ended July 31, 2019, the end of its most recent fiscal year. In accordance with regulatory requirements for mutual funds, 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.

Fund performance Total return for periods ended 7/31/19

	Annual average Life of fund (since 2/29/88)	10 years	Annual average	5 years	Annual average	3 years	Annual average	1 year
NAV	6.66%	93.63%	6.83%	17.87%	3.34%	23.85%	7.39%	4.51%
Market price	6.85	108.71	7.64	33.42	5.94	36.75	11.00	9.18

Performance assumes reinvestment of distributions and does not account for taxes.

Performance includes the deduction of management fees and administrative expenses.

Comparative index returns For periods ended 7/31/19

	Annual average Life of fund (since 2/29/88)	10 years	Annual average	5 years	Annual average	3 years	Annual average	1 year
ICE BofAML U.S. Treasury Bill Index	—*	5.46%	0.53%	4.72%	0.93%	4.37%	1.43%	2.41%
Bloomberg Barclays Government Bond Index	5.76%	33.19	2.91	13.08	2.49	3.69	1.21	7.53
Lipper General Bond Funds (closed-end) category average†	7.34	192.97	10.19	35.93	6.21	26.64	8.09	6.79

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

* The fund's primary benchmark (ICE BofAML U.S. Treasury Bill Index) was introduced on 6/30/92, which post-dates the inception of the fund's class A shares.

Effective January 30, 2018, the ICE BofAML U.S. Treasury Bill Index replaced the Bloomberg Barclays Government Bond Index as the fund's primary benchmark. In Putnam Management's opinion, the new index is more appropriate to the fund's flexible multisector investment approach.

† Over the 1-year, 3-year, 5-year, 10-year, and life-of-fund periods ended 7/31/19, there were 39, 30, 25, 16, and 3 funds, respectively, in this Lipper category.

Fund price and distribution information For the 12-month period ended 7/31/19

Distributions		
Number	12	
Income	\$0.384	
Capital gains	—	
Total	\$0.384	
Share value	NAV	Market price
7/31/18	\$5.59	\$5.25
7/31/19	5.44	5.32
Current dividend rate*	7.72%	7.89%

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

* Most recent distribution, including any return of capital and excluding capital gains, annualized and divided by NAV or market price at end of period.

Fund performance as of most recent calendar quarter Total return for periods ended 6/30/19

	Annual average Life of fund (since 2/29/88)	10 years	Annual average	5 years	Annual average	3 years	Annual average	1 year
NAV	6.63%	106.52%	7.52%	16.71%	3.14%	24.41%	7.55%	3.36%
Market price	6.72	116.85	8.05	26.57	4.83	32.28	9.77	5.51

See the discussion following the fund performance table on page 11 for information about the calculation of fund performance.

Consider these risks before investing

Emerging-market securities carry illiquidity and volatility risks. Lower-rated bonds may offer higher yields in return for more risk. Funds that invest in government securities are not guaranteed. Mortgage-backed securities are subject to prepayment risk and the risk that they may increase in value when interest rates decline and decline in value when interest rates rise. Bond investments are subject to interest-rate risk (the risk of bond prices falling if interest rates rise) and credit risk (the risk of an issuer defaulting on interest or principal payments). Interest-rate risk is generally greater for longer-term bonds, and credit risk is generally greater for below-investment-grade bonds. Risks associated with derivatives include increased investment exposure (which may be considered leverage) and, in the case of over-the-counter instruments, the potential inability to terminate or sell derivatives positions and the potential failure of the other party to the instrument to meet its obligations. Unlike bonds, funds that invest in bonds have fees and expenses. 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. International investing involves currency, economic, and political risks. You can lose money by investing in the fund. The fund's shares trade on a stock exchange at market prices, which may be lower than the fund's net asset value.

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.

Fixed-income terms

Current rate is the annual rate of return earned from dividends or interest of an investment. Current rate is expressed as a percentage of the price of a security, fund share, or principal investment.

Mortgage-backed security (MBS), also known as a mortgage "pass-through," is a type of asset-backed security that is secured by a mortgage or collection of mortgages. The following are types of MBSs:

- **Agency credit-risk transfer security (CRT)** is backed by a reference pool of agency mortgages. Unlike a regular agency pass-through, the principal invested in a CRT is not backed by a U.S. government agency. To compensate investors for this risk, a CRT typically offers a higher yield than conventional pass-through securities. Similar to a CMBS, a CRT is structured into various tranches for investors, offering different levels of risk and yield based on the underlying reference pool.
- **Agency "pass-through"** has its principal and interest backed by a U.S. government agency, such as the Federal National Mortgage Association (Fannie Mae),

Government National Mortgage Association (Ginnie Mae), and Federal Home Loan Mortgage Corporation (Freddie Mac).

- **Collateralized mortgage obligation (CMO)** represents claims to specific cash flows from pools of home mortgages. The streams of principal and interest payments on the mortgages are distributed to the different classes of CMO interests in "tranches." Each tranche may have different principal balances, coupon rates, prepayment risks, and maturity dates. A CMO is highly sensitive to changes in interest rates and any resulting change in the rate at which homeowners sell their properties, refinance, or otherwise prepay loans. CMOs are subject to prepayment, market, and liquidity risks.

- **Interest-only (IO) security** is a type of CMO in which the underlying asset is the interest portion of mortgage, Treasury, or bond payments.

- **Non-agency residential mortgage-backed security (RMBS)** is an MBS not backed by Fannie Mae, Ginnie Mae, or Freddie Mac. One type of RMBS is an Alt-A mortgage-backed security.
- **Commercial mortgage-backed security (CMBS)** is secured by the loan on a commercial property.

Yield curve is a graph that plots the yields of bonds with equal credit quality against their differing maturity dates, ranging from shortest to longest. It is used as a benchmark for other debt, such as mortgage or bank lending rates.

Comparative indexes

Bloomberg Barclays Government Bond Index is an unmanaged index of U.S. Treasury and agency securities.

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

CMBX Index is an unmanaged index that tracks the performance of a basket of CMBS issued in a particular year.

ICE BofAML (Intercontinental Exchange Bank of America Merrill Lynch) U.S. Treasury Bill Index is an unmanaged index that tracks the performance of U.S. dollar-denominated U.S. Treasury bills publicly issued in the U.S. domestic market. Qualifying securities must have a remaining term of at least one month to final maturity and a minimum amount outstanding of \$1 billion.

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.

ICE Data Indices, LLC ("ICE BofAML"), used with permission. ICE BofAML permits use of the ICE BofAML indices and related data on an "as is" basis; makes no warranties regarding same; does not guarantee the suitability, quality, accuracy, timeliness, and/or completeness of the ICE BofAML indices or any data included in, related to, or derived therefrom; assumes no liability in connection with the use of the foregoing; and does not sponsor, endorse, or recommend Putnam Investments, or any of its products or services.

Lipper is a third-party industry-ranking entity that ranks mutual 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 averages reflect performance trends for funds within a category.

Other information for shareholders

Important notice regarding share repurchase program

In September 2018, the Trustees of your fund approved the renewal of a share repurchase program that had been in effect since 2005. This renewal allows your fund to repurchase, in the 12 months beginning October 10, 2019, up to 10% of the fund's common shares outstanding as of October 9, 2018.

Important notice regarding delivery of shareholder documents

In accordance with Securities and Exchange Commission (SEC) regulations, Putnam sends a single 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, and Putnam will begin sending individual copies within 30 days.

Proxy voting

Putnam is committed to managing our mutual 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, 2019, 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.

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.

Prior to its use of Form N-PORT, the fund filed its complete schedule of its portfolio holdings with the SEC on Form N-Q, which is available online 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 mutual funds. As of July 31, 2019, Putnam employees had approximately \$478,000,000 and the Trustees had approximately \$72,000,000 invested in Putnam mutual 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.

Summary of Putnam Closed-End Funds' Amended and Restated Dividend Reinvestment Plans

Putnam High Income Securities Fund, Putnam Managed Municipal Income Trust, Putnam Master Intermediate Income Trust, Putnam Municipal Opportunities Trust and Putnam Premier Income Trust (each, a "Fund" and collectively, the "Funds") each offer a **dividend reinvestment plan** (each, a "Plan" and collectively, the "Plans"). If you participate in a Plan, all income dividends and capital gain distributions are **automatically reinvested** in Fund shares by the Fund's agent, Putnam Investor Services, Inc. (the "Agent"). If you are not participating in a Plan, every month you will receive all dividends and other distributions in cash, paid by check and mailed directly to you.

Upon a purchase (or, where applicable, upon registration of transfer on the shareholder records of a Fund) of shares of a Fund by a registered shareholder, each such shareholder **will be deemed to have elected to participate** in that Fund's Plan. Each such shareholder will have all distributions by a Fund automatically reinvested in additional shares, unless such shareholder elects to terminate participation in a Plan by instructing the Agent to pay future distributions in cash. Shareholders who were not participants in a Plan as of January 31, 2010, will continue to receive distributions in cash but may enroll in a Plan at any time by contacting the Agent.

If you participate in a Fund's Plan, the Agent will automatically reinvest subsequent distributions, and the Agent will send you a confirmation in the mail telling you how many additional shares were issued to your account.

To change your enrollment status or to request additional information about the Plans, you may contact the Agent either in writing, at P.O. Box 8383, Boston, MA 02266-8383, or by telephone at 1-800-225-1581 during normal East Coast business hours.

How you acquire additional shares through a Plan If the market price per share for your Fund's shares (plus estimated brokerage

commissions) is greater than or equal to their net asset value per share on the payment date for a distribution, you will be issued shares of the Fund at a value equal to the higher of the net asset value per share on that date or 95% of the market price per share on that date.

If the market price per share for your Fund's shares (plus estimated brokerage commissions) is less than their net asset value per share on the payment date for a distribution, the Agent will buy Fund shares for participating accounts in the open market. The Agent will aggregate open-market purchases on behalf of all participants, and the average price (including brokerage commissions) of all shares purchased by the Agent will be the price per share allocable to each participant. The Agent will generally complete these open-market purchases within five business days following the payment date. If, before the Agent has completed open-market purchases, the market price per share (plus estimated brokerage commissions) rises to exceed the net asset value per share on the payment date, then the purchase price may exceed the net asset value per share, potentially resulting in the acquisition of fewer shares than if the distribution had been paid in newly issued shares.

How to withdraw from a Plan Participants may withdraw from a Fund's Plan at any time by notifying the Agent, either in writing or by telephone. Such withdrawal will be effective immediately if notice is received by the Agent with sufficient time prior to any distribution record date; otherwise, such withdrawal will be effective with respect to any subsequent distribution following notice of withdrawal. There is no penalty for withdrawing from or not participating in a Plan.

Plan administration The Agent will credit all shares acquired for a participant under a Plan to the account in which the participant's common shares are held. Each participant will

be sent reasonably promptly a confirmation by the Agent of each acquisition made for his or her account.

About brokerage fees Each participant pays a proportionate share of any brokerage commissions incurred if the Agent purchases additional shares on the open market, in accordance with the Plans. There are no brokerage charges applied to shares issued directly by the Funds under the Plans.

About taxes and Plan amendments

Reinvesting dividend and capital gain distributions in shares of the Funds does not relieve you of tax obligations, which are the same as if you had received cash distributions. The Agent supplies tax information to you and to the IRS annually. Each Fund reserves the right to amend or terminate its Plan upon 30 days' written notice. However, the Agent may assign its rights, and delegate its duties, to a successor agent with the prior

consent of a Fund and without prior notice to Plan participants.

If your shares are held in a broker or nominee name

If your shares are held in the name of a broker or nominee offering a dividend reinvestment service, consult your broker or nominee to ensure that an appropriate election is made on your behalf. If the broker or nominee holding your shares does not provide a reinvestment service, you may need to register your shares in your own name in order to participate in a Plan.

In the case of record shareholders such as banks, brokers or nominees that hold shares for others who are the beneficial owners of such shares, the Agent will administer the Plan on the basis of the number of shares certified by the record shareholder as representing the total amount registered in such shareholder's name and held for the account of beneficial owners who are to participate in the Plan.

Trustee approval of management contract

General conclusions

The Board of Trustees of The Putnam Funds oversees the management of each fund and, as required by law, determines annually whether to approve the continuance of your fund's management contract with Putnam Investment Management, LLC ("Putnam Management") and the sub-management contract with respect to your fund between Putnam Management and its affiliate, Putnam Investments Limited ("PIL"). The Board, with the assistance of its Contract Committee, requests and evaluates all information it deems reasonably necessary under the circumstances in connection with its annual contract review. The Contract Committee consists solely of Trustees who are not "interested persons" (as this term is defined in the Investment Company Act of 1940, as amended (the "1940 Act")) of The Putnam Funds ("Independent Trustees").

At the outset of the review process, members of the Board's independent staff and independent legal counsel discussed with representatives of Putnam Management the annual contract review materials furnished to the Contract Committee during the course of the previous year's review, identifying possible changes in these materials that might be necessary or desirable for the coming year. Following these discussions and in consultation with the Contract Committee, the Independent Trustees' independent legal counsel requested that Putnam Management and its affiliates furnish specified information, together with any additional information that Putnam Management considered relevant, to the Contract Committee. Over the course of several months ending in June 2019, the Contract Committee met on a number of occasions with representatives of Putnam Management, and separately in executive session, to consider the information that Putnam Management provided. Throughout this process, the Contract Committee was assisted by the members of the Board's independent staff and by independent legal counsel for The Putnam Funds and the Independent Trustees.

In May 2019, the Contract Committee met in executive session to discuss and consider its recommendations with respect to the continuance of the contracts. At the Trustees' June 2019 meeting, the Contract Committee met in executive session with the other Independent Trustees to review a summary of the key financial,

performance and other data that the Contract Committee considered in the course of its review. The Contract Committee then presented its written report, which summarized the key factors that the Committee had considered and set forth its recommendations. The Contract Committee recommended, and the Independent Trustees approved, the continuance of your fund's management and sub-management contracts, effective July 1, 2019. (Because PIL is an affiliate of Putnam Management and Putnam Management remains fully responsible for all services provided by PIL, the Trustees have not attempted to evaluate PIL as a separate entity, and all subsequent references to Putnam Management below should be deemed to include reference to PIL as necessary or appropriate in the context.)

The Independent Trustees' approval was based on the following conclusions:

- That the fee schedule in effect for your fund represented reasonable compensation in light of the nature and quality of the services being provided to the fund, the fees paid by competitive funds, and the costs incurred by Putnam Management in providing services to the fund; and
- That the fee schedule in effect for your fund represented an appropriate sharing between fund shareholders and Putnam Management of such economies of scale as may exist in the management of the fund at current asset levels.

These conclusions were based on a comprehensive consideration of all information provided to the Trustees and were not the result of any single factor. Some of the factors that figured particularly in the Trustees' deliberations and how the Trustees considered these factors are described below, although individual Trustees may have evaluated the information presented differently, giving different weights to various factors. It is also important to recognize that the management arrangements for your fund and the other Putnam funds are the result of many years of review and discussion between the Independent Trustees and Putnam Management, that some aspects of the arrangements may receive greater scrutiny in some years than others, and that the Trustees' conclusions may be based, in part, on their consideration of fee arrangements in previous years.

Management fee schedules and total expenses

The Trustees reviewed the management fee schedules in effect for all Putnam funds, including fee levels and breakpoints. The Trustees also reviewed the total expenses of each Putnam fund, recognizing that in most cases management fees represented the major, but not the sole, determinant of total costs to fund shareholders. (Two funds have implemented so-called “all-in” management fees covering substantially all routine fund operating costs.)

In reviewing fees and expenses, the Trustees generally focus their attention on material changes in circumstances — for example, changes in assets under management, changes in a fund’s investment strategy, changes in Putnam Management’s operating costs or profitability, or changes in competitive practices in the mutual fund industry — that suggest that consideration of fee changes might be warranted. The Trustees concluded that the circumstances did not indicate that changes to the management fee structure for your fund would be appropriate at this time.

Under its management contract, your fund has the benefit of breakpoints in its management fee schedule that provide shareholders with economies of scale in the form of reduced fee rates as the fund’s assets under management increase. The Trustees noted, however, that because your fund is a closed-end management investment company, it has relatively stable levels of assets under management and is not expected to be affected significantly by breakpoints in its management fee schedule. The Trustees concluded that the fee schedule in effect for your fund represented an appropriate sharing of economies of scale between fund shareholders and Putnam Management.

The Trustees reviewed comparative fee and expense information for a custom group of competitive funds selected by Broadridge Financial Solutions, Inc. (“Broadridge”). This comparative information included your fund’s percentile ranking for effective management fees and total expenses, which provides a general indication of your fund’s relative standing. In the custom peer group, your fund ranked in the first quintile in effective management fees (determined for your fund and the other funds in the custom peer group based on fund asset size and the applicable contractual management fee schedule) and in the third quintile in total expenses as of December 31, 2018. The first quintile represents

the least expensive funds and the fifth quintile the most expensive funds. The fee and expense data reported by Broadridge as of December 31, 2018 reflected the most recent fiscal year-end data available in Broadridge’s database at that time.

In connection with their review of fund management fees and total expenses, the Trustees also reviewed the costs of the services provided and the profits realized by Putnam Management and its affiliates from their contractual relationships with the funds. This information included trends in revenues, expenses and profitability of Putnam Management and its affiliates relating to the investment management, investor servicing and distribution services provided to the funds. In this regard, the Trustees also reviewed an analysis of Putnam Management’s revenues, expenses and profitability, allocated on a fund-by-fund basis, with respect to the funds’ management, distribution, and investor servicing contracts. For each fund, the analysis presented information about revenues, expenses and profitability for each of the agreements separately and for the agreements taken together on a combined basis. The Trustees concluded that, at current asset levels, the fee schedules in place represented reasonable compensation for the services being provided and represented an appropriate sharing between fund shareholders and Putnam Management of such economies of scale as may exist in the management of the Putnam funds at that time.

The information examined by the Trustees in connection with their annual contract review for the Putnam funds included information regarding fees charged by Putnam Management and its affiliates to institutional clients, including defined benefit pension and profit-sharing plans and sub-advised mutual funds. This information included, in cases where an institutional product’s investment strategy corresponds with a fund’s strategy, comparisons of those fees with fees charged to the Putnam funds, as well as an assessment of the differences in the services provided to these different types of clients as compared to the services provided to the Putnam funds. The Trustees observed that the differences in fee rates between these clients and the Putnam funds are by no means uniform when examined by individual asset sectors, suggesting that differences in the pricing of investment management services to these types of clients may reflect, among other things, historical competitive forces operating in separate markets. The Trustees considered the fact that in many cases fee rates across different asset classes are higher on average for mutual

funds than for institutional clients, and the Trustees also considered the differences between the services that Putnam Management provides to the Putnam funds and those that it provides to its other clients. The Trustees did not rely on these comparisons to any significant extent in concluding that the management fees paid by your fund are reasonable.

Investment performance

The quality of the investment process provided by Putnam Management represented a major factor in the Trustees’ evaluation of the quality of services provided by Putnam Management under your fund’s management contract. The Trustees were assisted in their review of the Putnam funds’ investment process and performance by the work of the investment oversight committees of the Trustees and the full Board of Trustees, which meet on a regular basis with the funds’ portfolio teams and with the Chief Investment Officers and other senior members of Putnam Management’s Investment Division throughout the year. The Trustees concluded that Putnam Management generally provides a high-quality investment process — based on the experience and skills of the individuals assigned to the management of fund portfolios, the resources made available to them, and in general Putnam Management’s ability to attract and retain high-quality personnel — but also recognized that this does not guarantee favorable investment results for every fund in every time period.

The Trustees considered that, after a strong start to the year, 2018 was a mixed year for The Putnam Funds, with the Putnam open-end Funds’ performance, on an asset-weighted basis, ranking in the 54th percentile of their Lipper Inc. (“Lipper”) peers (excluding those Putnam funds that are evaluated based on their total returns versus selected investment benchmarks). The Trustees also noted that The Putnam Funds were ranked by the Barron’s/Lipper Fund Families survey as the 41st-best performing mutual fund complex out of 57 complexes for the one-year period ended December 31, 2018 and the 29th-best performing mutual fund complex out of 55 complexes for the five-year period ended December 31, 2018. The Trustees observed that The Putnam Funds’ performance over the longer-term continued to be strong, ranking 6th out of 49 mutual fund complexes in the survey over the ten-year period ended 2018. In addition, the Trustees noted that 22 of the funds were four- or five-star rated by Morningstar Inc. at the end of 2018. They also

noted, however, the disappointing investment performance of some funds for periods ended December 31, 2018 and considered information provided by Putnam Management regarding the factors contributing to the underperformance and actions being taken to improve the performance of these particular funds. The Trustees indicated their intention to continue to monitor closely the performance of those funds, including the effectiveness of any efforts Putnam Management has undertaken to address underperformance and whether additional actions to address areas of underperformance are warranted.

For purposes of the Trustees’ evaluation of the Putnam Funds’ investment performance, the Trustees generally focus on a competitive industry ranking of each fund’s total net return over a one-year, three-year and five-year period. For a number of Putnam funds with relatively unique investment mandates for which Putnam Management informed the Trustees that meaningful competitive performance rankings are not considered to be available, the Trustees evaluated performance based on their total gross and net returns and comparisons of those returns with the returns of selected investment benchmarks. In the case of your fund, the Trustees considered that its common share cumulative total return performance at net asset value was in the following quartiles of its Lipper peer group (Lipper General Bond Funds (closed-end)) for the one-year, three-year and five-year periods ended December 31, 2018 (the first quartile representing the best-performing funds and the fourth quartile the worst-performing funds):

One-year period	3rd
Three-year period	4th
Five-year period	4th

Over the one-year, three-year and five-year periods ended December 31, 2018, there were 36, 30 and 25 funds, respectively, in your fund’s Lipper peer group. (When considering performance information, shareholders should be mindful that past performance is not a guarantee of future results.)

The Trustees expressed concern about your fund’s fourth quartile performance over the three-year and five-year periods ended December 31, 2018 and considered the circumstances that may have contributed to this disappointing performance. The Trustees considered Putnam Management’s observation that the fund’s underperformance was partly due to the fund’s overweight exposure in 2015 and the first half of 2016 to securities with a short duration in an environment of falling

interest rates. The Trustees also noted Putnam Management's view that the fund's international term structure positioning had detracted from the fund's performance, particularly in the second quarter of 2015 (Greek debt crisis) and in June and July of 2016 (the U.K.'s vote to leave the European Union). In addition, the Trustees noted Putnam Management's observations that the fund's exposure to high yield corporate credit, commercial mortgage-backed securities, and emerging market debt detracted from performance in the fourth quarter of 2018, when the market favored less risky investments, and that the fund's currency strategies weighed on performance in 2018 due to the fund's long exposure to foreign currencies while the U.S. dollar strengthened. The Trustees also noted Putnam Management's view that performance comparisons between the fund and its Lipper peer group were less precise due to the small size and heterogeneity of the peer group.

The Trustees considered that the fund had outperformed its benchmark in early 2019 and that Putnam Management remained confident in the fund's portfolio managers. The Trustees also noted that the fund's benchmark had also been changed in January 2018 to more closely reflect the fund's investment approach. The Trustees considered Putnam Management's continued efforts to support fund performance through initiatives including structuring compensation for portfolio managers and research analysts to enhance accountability for fund performance, emphasizing accountability in the portfolio management process, and affirming its commitment to a fundamental-driven approach to investing. The Trustees noted further that Putnam Management had made selective hires in 2018 to strengthen its investment team.

As a general matter, the Trustees believe that cooperative efforts between the Trustees and Putnam Management represent the most effective way to address investment performance concerns that may arise from time to time. The Trustees noted that investors in the Putnam funds have, in effect, placed their trust in the Putnam organization, under the oversight of the funds' Trustees, to make appropriate decisions regarding the management of the funds. Based on Putnam Management's willingness to take appropriate measures to address fund performance issues and Putnam Management's responsiveness to Trustee concerns about investment performance, the Trustees concluded that it continues to be advisable to seek change within Putnam

Management to address performance shortcomings. In the Trustees' view, the alternative of engaging a new investment adviser for an underperforming fund, with all the attendant risks and disruptions, would not likely provide any greater assurance of improved investment performance.

Brokerage and soft-dollar allocations; investor servicing

The Trustees considered various potential benefits that Putnam Management may receive in connection with the services it provides under the management contract with your fund. These include benefits related to brokerage allocation and the use of soft dollars, whereby a portion of the commissions paid by a fund for brokerage may be used to acquire research services that are expected to be useful to Putnam Management in managing the assets of the fund and of other clients. Subject to policies established by the Trustees, soft dollars generated by these means are used predominantly to acquire brokerage and research services (including third-party research and market data) that enhance Putnam Management's investment capabilities and supplement Putnam Management's internal research efforts. However, the Trustees noted that a portion of available soft dollars continues to be used to pay fund expenses. The Trustees indicated their continued intent to monitor regulatory and industry developments in this area with the assistance of their Brokerage Committee. The Trustees also indicated their continued intent to monitor the allocation of the Putnam funds' brokerage in order to ensure that the principle of seeking best price and execution remains paramount in the portfolio trading process.

Putnam Management may also receive benefits from payments that the funds make to Putnam Management's affiliates for investor services. In conjunction with the annual review of your fund's management and sub-management contracts, the Trustees reviewed your fund's investor servicing agreement with Putnam Investor Services, Inc. ("PSERV"), which is an affiliate of Putnam Management. The Trustees concluded that the fees payable by the funds to PSERV for such services are fair and reasonable in relation to the nature and quality of such services, the fees paid by competitive funds, and the costs incurred by PSERV in providing such services. Furthermore, the Trustees were of the view that the services provided were required for the operation of the funds, and that they were of a quality at least equal to those provided by other providers.

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. (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 year.

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 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

The Board of Trustees and Shareholders
Putnam Premier Income Trust:

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities of Putnam Premier Income Trust (the “fund”), including the fund’s portfolio, as of July 31, 2019, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the years in the two-year period then ended, and the related notes (collectively, the “financial statements”) and the financial highlights for each of the years in the five-year period then ended. In our opinion, the financial statements and financial highlights present fairly, in all material respects, the financial position of the fund as of July 31, 2019, and the results of its operations for the year then ended, the changes in its net assets for each of the years in the two-year period then ended, and the financial highlights for each of the years in the five-year period then ended, in conformity with U.S. generally accepted accounting principles.

Basis for Opinion

These financial statements and financial highlights are the responsibility of the fund’s management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits. 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 audits 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 and financial highlights are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements and financial highlights, 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 and financial highlights. Such procedures also included confirmation of securities owned as of July 31, 2019, by correspondence with the custodian, brokers and transfer agent or by other appropriate auditing procedures. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements and financial highlights. We believe that our audits provide a reasonable basis for our opinion.

KPMG LLP

KPMG has served as the auditor of one or more Putnam investment companies since 1999.

Boston, Massachusetts
September 19, 2019

The fund's portfolio 7/31/19

U.S. GOVERNMENT AND AGENCY MORTGAGE OBLIGATIONS (54.9%)*	Principal amount	Value
U.S. Government Guaranteed Mortgage Obligations (5.6%)		
Government National Mortgage Association Pass-Through Certificates		
5.50%, 5/20/49	\$191,560	\$210,542
5.00%, 7/20/49##	1,838,668	1,956,233
4.50%, TBA, 8/1/49	19,000,000	19,788,204
4.00%, TBA, 8/1/49	9,000,000	9,345,938
		31,300,917
U.S. Government Agency Mortgage Obligations (49.3%)		
Federal Home Loan Mortgage Corporation Pass-Through Certificates		
5.00%, 4/1/49	65,797	71,754
3.00%, 4/1/30 ⁱ	10,945	11,204
Federal National Mortgage Association Pass-Through Certificates		
5.00%, 5/1/49	202,481	220,739
4.50%, 5/1/49	163,600	174,939
Uniform Mortgage-Backed Securities		
5.50%, TBA, 8/1/49	5,000,000	5,358,203
4.00%, TBA, 8/1/49	64,000,000	66,255,002
3.50%, TBA, 8/1/49	99,000,000	101,382,188
3.00%, TBA, 8/1/49	87,000,000	87,781,643
2.50%, TBA, 8/1/49	16,000,000	15,802,499
		277,058,171
Total U.S. government and agency mortgage obligations (cost \$307,711,332)		\$308,359,088
U.S. TREASURY OBLIGATIONS (0.4%)*	Principal amount	Value
U.S. Treasury Notes		
2.25%, 1/31/24 ⁱ	\$109,000	\$110,874
2.125%, 2/29/24 ⁱ	180,000	183,726
2.00%, 8/15/25 ⁱ	1,945,000	1,973,533
2.00%, 2/15/25 ⁱ	113,000	114,762
Total U.S. treasury obligations (cost \$2,382,895)		\$2,382,895
MORTGAGE-BACKED SECURITIES (43.7%)*	Principal amount	Value
Agency collateralized mortgage obligations (21.6%)		
Federal Home Loan Mortgage Corporation		
IFB Ser. 3408, Class EK, ((-4.024 x 1 Month US LIBOR) + 25.79%), 16.438%, 4/15/37	\$66,546	\$105,090
IFB Ser. 3072, Class SM, ((-3.667 x 1 Month US LIBOR) + 23.80%), 15.272%, 11/15/35	140,160	215,679
Ser. 4813, IO, 5.50%, 8/15/48	5,368,089	1,141,165
Ser. 4077, Class IK, IO, 5.00%, 7/15/42	4,007,792	624,815
Ser. 4122, Class TI, IO, 4.50%, 10/15/42	2,162,260	365,666
Ser. 4000, Class PI, IO, 4.50%, 1/15/42	1,209,142	186,041
Ser. 4024, Class PI, IO, 4.50%, 12/15/41	1,923,116	278,094
IFB Ser. 3852, Class SC, IO, ((-1 x 1 Month US LIBOR) + 6.65%), 4.325%, 4/15/40	4,218,266	455,404
Ser. 4546, Class TI, IO, 4.00%, 12/15/45	4,128,771	557,384
Ser. 4425, IO, 4.00%, 1/15/45	5,210,717	762,693

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Agency collateralized mortgage obligations <i>cont.</i>		
Federal Home Loan Mortgage Corporation		
Ser. 4452, Class QI, IO, 4.00%, 11/15/44	\$4,528,297	\$929,786
Ser. 4193, Class PI, IO, 4.00%, 3/15/43	3,139,870	379,258
Ser. 4062, Class DI, IO, 4.00%, 9/15/39	3,696,741	202,556
IFB Ser. 4678, Class MS, IO, ((-1 x 1 Month US LIBOR) + 6.10%), 3.775%, 4/15/47	2,392,953	486,047
Ser. 4604, Class QI, IO, 3.50%, 7/15/46	10,916,110	1,503,912
Ser. 4580, Class ID, IO, 3.50%, 8/15/45	7,178,720	896,141
Ser. 4560, Class PI, IO, 3.50%, 5/15/45	2,602,245	310,942
Ser. 4501, Class BI, IO, 3.50%, 10/15/43	4,759,710	479,494
Ser. 4105, Class HI, IO, 3.50%, 7/15/41	1,854,487	151,737
Ser. 304, Class C37, IO, 3.50%, 12/15/27	1,749,994	135,222
Ser. 4165, Class TI, IO, 3.00%, 12/15/42	8,095,891	616,364
Ser. 4183, Class MI, IO, 3.00%, 2/15/42	3,749,417	267,708
Ser. 4210, Class PI, IO, 3.00%, 12/15/41	2,121,862	93,892
Ser. 4510, Class HI, IO, 3.00%, 3/15/40	6,381,856	370,020
FRB Ser. 57, Class 1AX, IO, 0.373%, 7/25/43 ^W	2,351,580	23,516
Ser. 3326, Class WF, zero %, 10/15/35 ^W	1,951	1,567
Federal National Mortgage Association		
IFB Ser. 06-62, Class PS, ((-6 x 1 Month US LIBOR) + 39.90%), 26.304%, 7/25/36	98,102	168,853
IFB Ser. 07-53, Class SP, ((-3.667 x 1 Month US LIBOR) + 24.20%), 15.891%, 6/25/37	115,263	174,497
IFB Ser. 08-24, Class SP, ((-3.667 x 1 Month US LIBOR) + 23.28%), 14.975%, 2/25/38	85,724	110,858
IFB Ser. 05-75, Class GS, ((-3 x 1 Month US LIBOR) + 20.25%), 13.452%, 8/25/35	76,601	100,279
IFB Ser. 05-83, Class QP, ((-2.6 x 1 Month US LIBOR) + 17.39%), 11.502%, 11/25/34	107,578	124,640
Connecticut Avenue Securities FRB Ser. 15-C03, Class 2M2, (1 Month US LIBOR + 5.00%), 7.266%, 7/25/25	741,347	789,652
Ser. 16-3, Class NI, IO, 6.00%, 2/25/46	4,346,737	948,292
Ser. 10-99, Class NI, IO, 6.00%, 9/25/40	4,320,056	838,058
Ser. 11-59, Class BI, IO, 6.00%, 8/25/40	2,190,056	82,649
Ser. 15-30, IO, 5.50%, 5/25/45	7,144,206	1,478,779
Ser. 374, Class 6, IO, 5.50%, 8/25/36	190,837	35,927
Ser. 378, Class 19, IO, 5.00%, 6/25/35	591,445	107,274
Ser. 12-127, Class BI, IO, 4.50%, 11/25/42	879,334	187,585
Ser. 12-30, Class HI, IO, 4.50%, 12/25/40	5,250,149	427,362
Ser. 366, Class 22, IO, 4.50%, 10/25/35	11,680	204
IFB Ser. 12-36, Class SN, IO, ((-1 x 1 Month US LIBOR) + 6.45%), 4.184%, 4/25/42	2,390,561	387,630
IFB Ser. 10-35, Class SG, IO, ((-1 x 1 Month US LIBOR) + 6.40%), 4.134%, 4/25/40	1,691,876	315,112
Ser. 17-7, Class JI, IO, 4.00%, 2/25/47	3,675,846	532,998
Ser. 17-15, Class LI, IO, 4.00%, 6/25/46	2,918,690	279,756
Ser. 15-88, Class QI, IO, 4.00%, 10/25/44	3,460,268	373,810
Ser. 13-58, Class DI, IO, 4.00%, 6/25/43	8,194,675	1,487,396
Ser. 13-41, Class IP, IO, 4.00%, 5/25/43	2,409,848	321,835
Ser. 13-44, Class PI, IO, 4.00%, 1/25/43	1,962,564	234,291

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Agency collateralized mortgage obligations <i>cont.</i>		
Federal National Mortgage Association		
Ser. 13-60, Class IP, IO, 4.00%, 10/25/42	\$1,961,996	\$243,484
IFB Ser. 13-18, Class SB, IO, ((-1 x 1 Month US LIBOR) + 6.15%), 3.884%, 10/25/41	1,686,377	127,718
IFB Ser. 16-96, Class ST, IO, ((-1 x 1 Month US LIBOR) + 6.10%), 3.834%, 12/25/46	6,561,280	1,099,014
IFB Ser. 16-78, Class CS, IO, ((-1 x 1 Month US LIBOR) + 6.10%), 3.834%, 5/25/39	21,514,530	3,592,346
Ser. 13-107, Class SB, IO, ((-1 x 1 Month US LIBOR) + 5.95%), 3.684%, 2/25/43	4,450,117	895,586
IFB Ser. 11-101, Class SA, IO, ((-1 x 1 Month US LIBOR) + 5.90%), 3.634%, 10/25/41	5,240,751	746,807
Ser. 16-102, Class JI, IO, 3.50%, 2/25/46	4,954,974	540,271
Ser. 12-145, Class TI, IO, 3.00%, 11/25/42	2,565,216	123,818
Ser. 13-35, Class IP, IO, 3.00%, 6/25/42	2,902,798	148,205
Ser. 13-53, Class JI, IO, 3.00%, 12/25/41	2,829,115	199,942
Ser. 13-23, Class PI, IO, 3.00%, 10/25/41	2,330,724	83,507
Ser. 99-51, Class N, PO, zero %, 9/17/29	11,361	10,367
Federal National Mortgage Association		
IFB Ser. 18-20, Class SB, IO, ((-1 x 1 Month US LIBOR) + 6.25%), 3.984%, 3/25/48	8,701,717	1,537,593
IFB Ser. 17-32, Class SA, IO, ((-1 x 1 Month US LIBOR) + 6.15%), 3.884%, 5/25/47	20,035,007	3,343,442
IFB Ser. 19-43, Class JS, IO, ((-1 x 1 Month US LIBOR) + 0.00%), 3.684%, 8/25/49	9,163,569	1,557,807
Federal National Mortgage Association Grantor Trust Ser. 00-T6, IO, 0.717%, 11/25/40 ^W	1,608,755	34,106
Government National Mortgage Association		
Ser. 17-38, Class DI, IO, 5.00%, 3/16/47	2,016,914	413,387
Ser. 16-42, IO, 5.00%, 2/20/46	5,322,808	1,061,337
Ser. 18-127, Class ID, IO, 5.00%, 7/20/45	8,393,934	1,069,975
Ser. 18-127, Class IC, IO, 5.00%, 10/20/44	8,516,374	1,754,032
Ser. 14-76, IO, 5.00%, 5/20/44	2,075,135	417,548
Ser. 13-3, Class IT, IO, 5.00%, 1/20/43	1,618,856	342,712
Ser. 12-146, IO, 5.00%, 12/20/42	1,441,385	302,922
Ser. 10-35, Class UI, IO, 5.00%, 3/20/40	2,166,339	454,822
Ser. 10-20, Class UI, IO, 5.00%, 2/20/40	1,524,133	323,639
Ser. 10-9, Class UI, IO, 5.00%, 1/20/40	6,796,900	1,438,904
Ser. 09-121, Class UI, IO, 5.00%, 12/20/39	3,481,019	718,761
Ser. 17-26, Class MI, IO, 5.00%, 11/20/39	6,976,701	1,431,472
Ser. 15-79, Class GI, IO, 5.00%, 10/20/39	1,289,741	248,473
Ser. 18-94, Class AI, IO, 4.50%, 7/20/48	5,491,585	925,575
Ser. 16-37, Class IW, IO, 4.50%, 2/20/46	2,710,176	470,893
Ser. 16-104, Class GI, IO, 4.50%, 1/20/46	6,310,148	821,076
Ser. 18-127, Class IB, IO, 4.50%, 6/20/45	4,420,147	462,745
Ser. 15-167, Class BI, IO, 4.50%, 4/16/45	1,985,766	417,706
Ser. 13-182, Class IQ, IO, 4.50%, 12/16/43	2,962,462	585,086
Ser. 14-100, Class LI, IO, 4.50%, 10/16/43	3,844,280	552,462
Ser. 13-34, Class IH, IO, 4.50%, 3/20/43	2,929,666	557,599
Ser. 14-108, Class IP, IO, 4.50%, 12/20/42	624,237	77,199

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Agency collateralized mortgage obligations <i>cont.</i>		
Government National Mortgage Association		
Ser. 17-42, Class IC, IO, 4.50%, 8/20/41	\$2,650,243	\$498,274
Ser. 10-35, Class AI, IO, 4.50%, 3/20/40	3,031,283	526,071
Ser. 10-35, Class DI, IO, 4.50%, 3/20/40	4,846,387	905,838
Ser. 10-35, Class QI, IO, 4.50%, 3/20/40	2,685,958	502,159
Ser. 13-151, Class IB, IO, 4.50%, 2/20/40	3,078,415	583,633
Ser. 10-9, Class QI, IO, 4.50%, 1/20/40	1,862,087	354,169
Ser. 09-121, Class BI, IO, 4.50%, 12/16/39	1,589,444	352,666
Ser. 17-11, Class PI, IO, 4.00%, 12/20/46	3,259,103	325,910
Ser. 16-29, IO, 4.00%, 2/16/46	2,577,720	463,990
Ser. 15-186, Class AI, IO, 4.00%, 12/20/45	6,685,447	1,086,920
Ser. 15-53, Class MI, IO, 4.00%, 4/16/45	4,005,312	783,039
Ser. 15-187, Class JI, IO, 4.00%, 3/20/45	4,450,608	734,459
Ser. 15-64, Class YI, IO, 4.00%, 11/20/44	4,189,614	586,546
Ser. 14-149, Class IP, IO, 4.00%, 7/16/44	11,803,335	1,836,599
Ser. 17-93, Class TI, IO, 4.00%, 3/20/44	8,994,393	921,925
Ser. 14-4, Class IC, IO, 4.00%, 1/20/44	1,475,203	258,601
Ser. 14-100, Class NI, IO, 4.00%, 6/20/43	6,447,536	621,855
Ser. 13-165, Class IL, IO, 4.00%, 3/20/43	1,484,658	250,014
Ser. 12-56, Class IB, IO, 4.00%, 4/20/42	1,278,424	233,644
Ser. 12-47, Class CI, IO, 4.00%, 3/20/42	3,313,163	586,548
IFB Ser. 13-129, Class SN, IO, ((-1 x 1 Month US LIBOR) + 6.15%), 3.879%, 9/20/43	1,146,927	199,680
FRB Ser. 1162, Class FL2, IO, ((-1 x 1 Month US LIBOR) + 0.00%), 3.784%, 8/20/49##	1,120,000	170,800
IFB Ser. 19-78, Class SJ, IO, ((-1 x 1 Month US LIBOR) + 6.05%), 3.779%, 6/20/49	1,125,610	154,771
IFB Ser. 10-90, Class ES, IO, ((-1 x 1 Month US LIBOR) + 5.95%), 3.679%, 7/20/40	11,370,600	1,872,010
Ser. 17-165, Class IM, IO, 3.50%, 11/20/47	4,029,216	429,956
Ser. 17-118, Class KI, IO, 3.50%, 10/20/46	2,760,917	227,776
Ser. 16-48, Class MI, IO, 3.50%, 4/16/46	3,411,826	351,759
Ser. 18-127, Class IE, IO, 3.50%, 1/20/46	7,016,258	816,131
Ser. 15-111, Class IJ, IO, 3.50%, 8/20/45	4,595,230	593,327
Ser. 16-75, Class EI, IO, 3.50%, 8/20/45	6,999,762	904,198
Ser. 13-76, IO, 3.50%, 5/20/43	5,397,871	798,507
Ser. 13-28, IO, 3.50%, 2/20/43	1,653,426	226,751
Ser. 13-54, Class JI, IO, 3.50%, 2/20/43	2,584,662	344,277
Ser. 13-37, Class JI, IO, 3.50%, 1/20/43	3,830,157	505,121
Ser. 13-14, IO, 3.50%, 12/20/42	8,415,381	882,269
Ser. 13-27, Class PI, IO, 3.50%, 12/20/42	2,604,946	335,986
Ser. 12-136, Class BI, IO, 3.50%, 11/20/42	3,435,598	578,098
Ser. 12-140, Class IC, IO, 3.50%, 11/20/42	4,324,591	755,125
Ser. 12-128, Class IA, IO, 3.50%, 10/20/42	5,028,843	863,099
Ser. 12-113, Class ID, IO, 3.50%, 9/20/42	1,950,786	343,141
Ser. 15-62, Class IL, IO, 3.50%, 2/16/42	5,275,674	520,961
Ser. 15-52, Class KI, IO, 3.50%, 11/20/40	5,505,213	586,856
Ser. 15-96, Class NI, IO, 3.50%, 1/20/39	3,731,751	268,824
Ser. 14-44, Class IA, IO, 3.50%, 5/20/28	8,794,072	727,622

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Agency collateralized mortgage obligations <i>cont.</i>		
Government National Mortgage Association		
IFB Ser. 14-119, Class SA, IO, ((-1 x 1 Month US LIBOR) + 5.60%), 3.329%, 8/20/44	\$4,926,463	\$738,970
Ser. 18-H05, Class AI, IO, 2.415%, 2/20/68 ^W	6,173,819	831,536
Ser. 18-H02, Class EI, IO, 2.413%, 1/20/68 ^W	15,370,498	2,046,198
Ser. 18-H03, Class XI, IO, 2.383%, 2/20/68 ^W	10,431,579	1,365,494
Ser. 17-H06, Class BI, IO, 2.362%, 2/20/67 ^W	10,436,545	1,190,810
Ser. 17-H16, Class JI, IO, 2.361%, 8/20/67 ^W	20,518,459	2,872,584
Ser. 18-H05, Class BI, IO, 2.36%, 2/20/68 ^W	10,842,520	1,446,799
Ser. 17-H12, Class QI, IO, 2.359%, 5/20/67 ^W	9,266,679	1,053,075
Ser. 17-H16, Class FI, IO, 2.357%, 8/20/67 ^W	7,754,025	920,791
Ser. 17-H02, Class BI, IO, 2.351%, 1/20/67 ^W	6,546,851	797,426
Ser. 16-H18, Class QI, IO, 2.338%, 6/20/66 ^W	7,163,420	837,948
Ser. 16-H22, Class AI, IO, 2.337%, 10/20/66 ^W	10,282,379	1,110,805
Ser. 18-H15, Class KI, IO, 2.283%, 8/20/68 ^W	9,073,969	1,236,328
Ser. 16-H23, Class NI, IO, 2.276%, 10/20/66 ^W	28,438,834	3,145,335
Ser. 17-H08, Class NI, IO, 2.231%, 3/20/67 ^W	13,824,248	1,523,432
Ser. 16-H16, Class EI, IO, 2.187%, 6/20/66 ^W	7,507,831	813,849
Ser. 16-H03, Class AI, IO, 2.143%, 1/20/66 ^W	8,356,488	772,975
Ser. 15-H10, Class BI, IO, 2.079%, 4/20/65 ^W	6,346,141	587,151
Ser. 16-H09, Class BI, IO, 2.048%, 4/20/66 ^W	11,075,205	1,129,416
Ser. 17-H19, Class MI, IO, 2.043%, 4/20/67 ^W	5,206,484	569,589
Ser. 16-H17, Class KI, IO, 2.016%, 7/20/66 ^W	5,145,768	559,602
Ser. 16-H03, Class DI, IO, 2.005%, 12/20/65 ^W	8,828,638	761,470
Ser. 15-H20, Class CI, IO, 1.998%, 8/20/65 ^W	9,390,030	951,135
Ser. 15-H15, Class BI, IO, 1.997%, 6/20/65 ^W	5,509,478	536,651
Ser. 17-H11, Class DI, IO, 1.927%, 5/20/67 ^W	9,652,418	1,073,832
Ser. 16-H02, Class HI, IO, 1.914%, 1/20/66 ^W	10,978,538	876,087
Ser. 15-H24, Class AI, IO, 1.914%, 9/20/65 ^W	8,197,011	752,412
Ser. 15-H25, Class EI, IO, 1.867%, 10/20/65 ^W	7,363,616	642,844
Ser. 17-H09, IO, 1.861%, 4/20/67 ^W	12,570,704	1,200,389
Ser. 15-H20, Class AI, IO, 1.853%, 8/20/65 ^W	8,135,592	715,932
FRB Ser. 15-H08, Class CI, IO, 1.811%, 3/20/65 ^W	6,306,372	524,640
Ser. 16-H10, Class AI, IO, 1.794%, 4/20/66 ^W	18,346,254	1,244,940
Ser. 17-H16, Class IH, IO, 1.779%, 7/20/67 ^W	13,823,871	1,274,340
Ser. 15-H23, Class BI, IO, 1.753%, 9/20/65 ^W	9,386,835	763,150
Ser. 16-H06, Class DI, IO, 1.716%, 7/20/65	12,876,762	979,587
Ser. 16-H24, Class CI, IO, 1.709%, 10/20/66 ^W	6,743,089	547,896
Ser. 17-H16, Class IG, IO, 1.704%, 7/20/67 ^W	18,427,975	1,773,693
Ser. 16-H14, IO, 1.699%, 6/20/66 ^W	7,895,798	546,847
Ser. 13-H08, Class CI, IO, 1.675%, 2/20/63 ^W	10,931,380	580,456
Ser. 16-H06, Class CI, IO, 1.654%, 2/20/66 ^W	11,807,471	759,362
Ser. 14-H21, Class BI, IO, 1.559%, 10/20/64 ^W	10,598,989	732,390
Ser. 15-H26, Class CI, IO, 0.503%, 8/20/65 ^W	19,714,012	236,568
Ser. 06-36, Class OD, PO, zero %, 7/16/36	3,853	3,297
Government National Mortgage Association IFB Ser. 19-83, Class SY, IO, ((-1 x 1 Month US LIBOR) + 0.00%), 3.775%, 7/20/49	16,438,000	2,445,153
		121,523,357

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Commercial mortgage-backed securities (8.7%)		
Banc of America Commercial Mortgage Trust 144A FRB Ser. 07-5, Class XW, IO, zero %, 2/10/51 ^W	\$7,645,888	\$76
Bear Stearns Commercial Mortgage Securities Trust		
FRB Ser. 07-T26, Class AJ, 5.464%, 1/12/45 ^W	1,882,000	1,674,980
Ser. 05-PWR7, Class D, 5.304%, 2/11/41 ^W	1,026,000	1,027,775
Ser. 05-PWR7, Class B, 5.214%, 2/11/41 ^W	1,082,622	1,088,035
Bear Stearns Commercial Mortgage Securities Trust 144A		
FRB Ser. 06-PW11, Class B, 5.775%, 3/11/39 ^W	1,064,979	755,976
FRB Ser. 06-PW11, Class C, 5.775%, 3/11/39 (In default) ^{† W}	805,492	101,709
FRB Ser. 07-T28, Class D, 5.534%, 9/11/42 ^W	828,000	467,800
FRB Ser. 06-PW14, Class XW, IO, 0.31%, 12/11/38 ^W	1,100,913	5,922
CD Mortgage Trust 144A FRB Ser. 07-CD5, Class XS, IO, zero %, 11/15/44 ^W	3,304,047	33
CFCRE Commercial Mortgage Trust 144A		
FRB Ser. 11-C2, Class E, 5.748%, 12/15/47 ^W	1,068,000	1,071,479
FRB Ser. 11-C2, Class F, 5.25%, 12/15/47 ^W	2,275,000	2,173,656
COMM Mortgage Trust 144A		
FRB Ser. 14-CR17, Class E, 4.85%, 5/10/47 ^W	682,000	634,260
FRB Ser. 12-CR3, Class E, 4.752%, 10/15/45 ^W	613,000	553,484
Ser. 12-CR3, Class F, 4.75%, 10/15/45 ^W	1,755,510	1,385,079
FRB Ser. 14-CR19, Class D, 4.718%, 8/10/47 ^W	1,030,000	1,012,294
Credit Suisse Commercial Mortgage Trust FRB Ser. 06-C5, Class AX, IO, 0.88%, 12/15/39 ^W	2,253,891	11,042
Credit Suisse Commercial Mortgage Trust 144A FRB Ser. 07-C4, Class C, 5.719%, 9/15/39 ^W	26,697	26,697
Crest, Ltd. 144A Ser. 03-2A, Class E2, 8.00%, 12/28/38 (Cayman Islands)	229,547	232,456
CSAIL Commercial Mortgage Trust 144A FRB Ser. 15-C1, Class D, 3.793%, 4/15/50 ^W	1,390,000	1,313,225
GS Mortgage Securities Corp. II 144A FRB Ser. 05-GG4, Class XC, IO, 1.368%, 7/10/39 ^W	870,847	87
GS Mortgage Securities Trust 144A FRB Ser. 14-GC24, Class D, 4.533%, 9/10/47 ^W	2,730,000	2,255,884
JPMBB Commercial Mortgage Securities Trust 144A		
FRB Ser. 14-C18, Class D, 4.812%, 2/15/47 ^W	2,670,000	2,503,675
FRB Ser. 13-C14, Class E, 4.702%, 8/15/46 ^W	1,277,000	1,123,981
FRB Ser. C14, Class D, 4.702%, 8/15/46 ^W	1,385,000	1,317,967
FRB Ser. 14-C18, Class E, 4.312%, 2/15/47 ^W	914,000	763,980
FRB Ser. 14-C25, Class D, 3.944%, 11/15/47 ^W	2,147,000	1,885,384
Ser. 14-C25, Class E, 3.332%, 11/15/47 ^W	1,823,000	1,287,038
JPMorgan Chase Commercial Mortgage Securities Trust FRB Ser. 13-LC11, Class D, 4.168%, 4/15/46 ^W	948,000	845,584
JPMorgan Chase Commercial Mortgage Securities Trust 144A		
FRB Ser. 07-CB20, Class E, 6.183%, 2/12/51 ^W	757,000	734,290
FRB Ser. 11-C3, Class F, 5.664%, 2/15/46 ^W	1,113,000	1,039,032
FRB Ser. 12-C6, Class E, 5.147%, 5/15/45 ^W	1,115,000	1,058,252
FRB Ser. 12-C8, Class E, 4.65%, 10/15/45 ^W	273,000	268,744
FRB Ser. 13-LC11, Class E, 3.25%, 4/15/46 ^W	1,807,000	1,533,433
FRB Ser. 07-CB20, Class X1, IO, zero %, 2/12/51 ^W	4,983,695	50

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Commercial mortgage-backed securities <i>cont.</i>		
LSTAR Commercial Mortgage Trust 144A FRB Ser. 15-3, Class C, 3.106%, 4/20/48 ^W	\$977,000	\$921,614
Mezz Cap Commercial Mortgage Trust 144A FRB Ser. 07-C5, Class X, IO, 5.811%, 12/15/49 ^W	473,964	625
ML-CFC Commercial Mortgage Trust FRB Ser. 06-4, Class C, 5.324%, 12/12/49 ^W	1,204,928	962,259
Morgan Stanley Bank of America Merrill Lynch Trust 144A		
FRB Ser. 13-C11, Class D, 4.354%, 8/15/46 ^W	1,900,000	997,500
FRB Ser. 13-C10, Class E, 4.082%, 7/15/46 ^W	2,860,000	2,555,164
FRB Ser. 13-C10, Class F, 4.082%, 7/15/46 ^W	1,988,000	1,652,259
Ser. 14-C17, Class E, 3.50%, 8/15/47	1,025,000	802,547
Morgan Stanley Capital I Trust		
Ser. 07-HQ11, Class C, 5.558%, 2/12/44 ^W	803,807	220,774
Ser. 06-HQ10, Class B, 5.448%, 11/12/41 ^W	1,189,862	1,083,983
Morgan Stanley Capital I Trust 144A FRB Ser. 08-T29, Class F, 6.107%, 1/11/43 ^W	467,420	479,012
STRIPS CDO 144A Ser. 03-1A, Class N, IO, 5.00%, 3/24/20 (Cayman Islands) (In default) ^{† W}	376,000	38
TIAA Real Estate CDO, Ltd. 144A Ser. 03-1A, Class E, 8.00%, 12/28/38	1,081,996	81,479
UBS-Barclays Commercial Mortgage Trust 144A		
Ser. 12-C2, Class F, 4.891%, 5/10/63 ^W	1,476,000	1,088,506
FRB Ser. 12-C4, Class D, 4.481%, 12/10/45 ^W	706,000	700,022
Wachovia Bank Commercial Mortgage Trust FRB Ser. 07-C34, IO, 0.109%, 5/15/46 ^W	3,986,246	40
Wachovia Bank Commercial Mortgage Trust 144A FRB Ser. 04-C15, Class G, 5.395%, 10/15/41 ^W	1,500,000	1,093,245
Wells Fargo Commercial Mortgage Trust 144A		
FRB Ser. 13-LC12, Class D, 4.285%, 7/15/46 ^W	456,000	421,545
Ser. 14-LC16, Class D, 3.938%, 8/15/50	2,218,000	1,682,637
WF-RBS Commercial Mortgage Trust 144A		
Ser. 11-C4, Class F, 5.00%, 6/15/44 ^W	2,560,000	2,024,164
FRB Ser. 12-C9, Class E, 4.811%, 11/15/45 ^W	739,000	664,016
FRB Ser. 12-C10, Class D, 4.438%, 12/15/45 ^W	1,141,000	971,058
Ser. 13-C12, Class E, 3.50%, 3/15/48	412,000	345,485
		48,901,331
Residential mortgage-backed securities (non-agency) (13.4%)		
Bear Stearns Alt-A Trust FRB Ser. 05-7, Class 21A1, 4.481%, 9/25/35 ^W	380,079	358,132
Chevy Chase Funding LLC Mortgage-Backed Certificates 144A FRB Ser. 06-4A, Class A2, (1 Month US LIBOR + 0.18%), 2.446%, 11/25/47	1,113,080	970,507
Citigroup Mortgage Loan Trust, Inc.		
FRB Ser. 07-AR5, Class 1A1A, 4.738%, 4/25/37 ^W	367,890	372,783
FRB Ser. 07-AMC3, Class A2D, (1 Month US LIBOR + 0.35%), 2.616%, 3/25/37	2,575,339	2,252,450
Countrywide Alternative Loan Trust		
FRB Ser. 06-OA10, Class 1A1, (1 Month US LIBOR + 0.96%), 3.469%, 8/25/46	454,253	428,790
FRB Ser. 06-OA7, Class 1A2, (1 Month US LIBOR + 0.94%), 3.449%, 6/25/46	784,461	722,186

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Residential mortgage-backed securities (non-agency) <i>cont.</i>		
Countrywide Alternative Loan Trust		
FRB Ser. 06-OA7, Class 1A1, 3.115%, 6/25/46 ^W	\$1,343,287	\$1,182,630
FRB Ser. 05-38, Class A3, (1 Month US LIBOR + 0.35%), 2.616%, 9/25/35	897,542	850,351
FRB Ser. 06-45T1, Class 2A7, (1 Month US LIBOR + 0.34%), 2.606%, 2/25/37	804,161	410,968
FRB Ser. 05-59, Class 1A1, (1 Month US LIBOR + 0.33%), 2.602%, 11/20/35	2,194,967	2,093,326
FRB Ser. 07-OH1, Class A1D, (1 Month US LIBOR + 0.21%), 2.476%, 4/25/47	824,674	725,635
FRB Ser. 06-OA10, Class 2A1, (1 Month US LIBOR + 0.19%), 2.456%, 8/25/46	714,434	664,423
FRB Ser. 06-OA10, Class 3A1, (1 Month US LIBOR + 0.19%), 2.456%, 8/25/46	938,381	891,462
FRB Ser. 06-OA10, Class 4A1, (1 Month US LIBOR + 0.19%), 2.456%, 8/25/46	4,745,047	4,229,105
Deutsche Alt-A Securities Mortgage Loan Trust FRB Ser. 06-AR4, Class A2, (1 Month US LIBOR + 0.19%), 2.456%, 12/25/36	913,903	553,610
Federal Home Loan Mortgage Corporation		
Structured Agency Credit Risk Debt FRN Ser. 15-HQA2, Class B, (1 Month US LIBOR + 10.50%), 12.766%, 5/25/28	828,687	1,099,754
Structured Agency Credit Risk Debt FRN Ser. 16-DNA1, Class B, (1 Month US LIBOR + 10.00%), 12.404%, 7/25/28	2,021,649	2,705,085
Structured Agency Credit Risk Debt FRN Ser. 15-DNA3, Class B, (1 Month US LIBOR + 9.35%), 11.616%, 4/25/28	1,297,188	1,699,219
Structured Agency Credit Risk Debt FRN Ser. 15-DNA2, Class B, (1 Month US LIBOR + 7.55%), 9.816%, 12/25/27	1,039,846	1,265,696
Structured Agency Credit Risk Debt FRN Ser. 16-HQA1, Class M3, (1 Month US LIBOR + 6.35%), 8.616%, 9/25/28	250,000	285,505
Structured Agency Credit Risk Debt FRN Ser. 17-DNA1, Class B1, (1 Month US LIBOR + 4.95%), 7.216%, 7/25/29	570,000	644,134
Structured Agency Credit Risk Debt FRN Ser. 16-HQA3, Class M3, (1 Month US LIBOR + 3.85%), 6.116%, 3/25/29	640,000	684,968
Structured Agency Credit Risk Debt FRN Ser. 18-HQA1, Class M2, (1 Month US LIBOR + 2.30%), 4.566%, 9/25/30	2,843,000	2,856,303
Federal Home Loan Mortgage Corporation 144A		
Structured Agency Credit Risk Debt FRN Ser. 18-DNA2, Class B1, (1 Month US LIBOR + 3.70%), 5.966%, 12/25/30	1,500,000	1,570,529
Structured Agency Credit Risk Trust FRN Ser. 19-DNA1, Class M2, (1 Month US LIBOR + 2.65%), 5.054%, 1/25/49	500,000	509,273
Seasoned Credit Risk Transfer Trust Ser. 19-2, Class M, 4.75%, 8/25/58 ^W	685,000	670,085
Structured Agency Credit Risk Debt FRN Ser. 19-DNA2, Class M2, (1 Month US LIBOR + 2.45%), 4.716%, 3/25/49	614,000	621,100
Structured Agency Credit Risk Trust FRN Ser. 18-DNA2, Class M2, (1 Month US LIBOR + 2.15%), 4.416%, 12/25/30	84,000	84,302
Federal National Mortgage Association		
Connecticut Avenue Securities FRB Ser. 16-C03, Class 2B, (1 Month US LIBOR + 12.75%), 15.016%, 10/25/28	238,972	340,223
Connecticut Avenue Securities FRB Ser. 16-C02, Class 1B, (1 Month US LIBOR + 12.25%), 14.516%, 9/25/28	2,311,415	3,359,128

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Residential mortgage-backed securities (non-agency) <i>cont.</i>		
Federal National Mortgage Association		
Connecticut Avenue Securities FRB Ser. 16-C03, Class 1B, (1 Month US LIBOR + 11.75%), 14.016%, 10/25/28	\$1,298,453	\$1,852,885
Connecticut Avenue Securities FRB Ser. 16-C01, Class 1B, (1 Month US LIBOR + 11.75%), 14.016%, 8/25/28	842,078	1,208,758
Connecticut Avenue Securities FRB Ser. 16-C05, Class 2B, (1 Month US LIBOR + 10.75%), 13.016%, 1/25/29	269,299	355,863
Connecticut Avenue Securities FRB Ser. 16-C03, Class 2M2, (1 Month US LIBOR + 5.90%), 8.166%, 10/25/28	3,770,094	4,126,343
Connecticut Avenue Securities FRB Ser. 15-C04, Class 1M2, (1 Month US LIBOR + 5.70%), 7.966%, 4/25/28	3,633,549	4,018,695
Connecticut Avenue Securities FRB Ser. 15-C04, Class 2M2, (1 Month US LIBOR + 5.55%), 7.816%, 4/25/28	511,121	552,361
Connecticut Avenue Securities FRB Ser. 17-C02, Class 2B1, (1 Month US LIBOR + 5.50%), 7.766%, 9/25/29	1,459,000	1,696,264
Connecticut Avenue Securities FRB Ser. 15-C03, Class 1M2, (1 Month US LIBOR + 5.00%), 7.266%, 7/25/25	3,223,357	3,517,335
Connecticut Avenue Securities FRB Ser. 17-C03, Class 1B1, (1 Month US LIBOR + 4.85%), 7.116%, 10/25/29	2,230,000	2,510,418
Connecticut Avenue Securities FRB Ser. 18-C05, Class 1B1, (1 Month US LIBOR + 4.25%), 6.516%, 1/25/31	630,000	671,618
Connecticut Avenue Securities FRB Ser. 16-C06, Class 1M2, (1 Month US LIBOR + 4.25%), 6.516%, 4/25/29	167,000	181,184
Connecticut Avenue Securities FRB Ser. 15-C02, Class 1M2, (1 Month US LIBOR + 4.00%), 6.266%, 5/25/25	66,485	70,668
Connecticut Avenue Securities FRB Ser. 17-C02, Class 2M2, (1 Month US LIBOR + 3.65%), 5.916%, 9/25/29	500,000	529,320
Connecticut Avenue Securities FRB Ser. 17-C05, Class 1B1, (1 Month US LIBOR + 3.60%), 5.866%, 1/25/30	314,000	331,331
Connecticut Avenue Securities FRB Ser. 18-C01, Class 1B1, (1 Month US LIBOR + 3.55%), 5.816%, 7/25/30	1,772,000	1,839,453
Connecticut Avenue Securities FRB Ser. 17-C01, Class 1M2, (1 Month US LIBOR + 3.55%), 5.816%, 7/25/29	286,000	302,428
Connecticut Avenue Securities FRB Ser. 17-C06, Class 2M2, (1 Month US LIBOR + 2.80%), 5.066%, 2/25/30	310,000	319,498
Connecticut Avenue Securities FRB Ser. 18-C04, Class 2M2, (1 Month US LIBOR + 2.55%), 4.816%, 12/25/30	650,000	662,273
Connecticut Avenue Securities FRB Ser. 18-C01, Class 1M2, (1 Month US LIBOR + 2.25%), 4.516%, 7/25/30	172,000	173,798
Connecticut Avenue Securities FRB Ser. 18-C06, Class 2M2, (1 Month US LIBOR + 2.10%), 4.366%, 3/25/31	251,000	251,552
Federal National Mortgage Association		
Connecticut Avenue Securities Trust FRB Ser. 17-C07, Class 2B1, (1 Month US LIBOR + 0.00%), 6.716%, 5/25/30	180,000	195,849
Connecticut Avenue Securities Trust FRB Ser. 17-C07, Class 2M2, (1 Month US LIBOR + 2.50%), 4.766%, 5/25/30	1,700,000	1,728,199
Federal National Mortgage Association 144A		
Connecticut Avenue Securities Trust FRB Ser. 19-R03, Class 1B1, (1 Month US LIBOR + 4.10%), 6.366%, 9/25/31	578,000	616,774
Connecticut Avenue Securities Trust FRB Ser. 19-R01, Class 2M2, (1 Month US LIBOR + 2.45%), 4.716%, 7/25/31	185,000	187,161
Connecticut Avenue Securities Trust FRB Ser. 19-R02, Class 1M2, (1 Month US LIBOR + 2.30%), 4.566%, 8/25/31	293,000	294,428

MORTGAGE-BACKED SECURITIES (43.7%)* <i>cont.</i>	Principal amount	Value
Residential mortgage-backed securities (non-agency) <i>cont.</i>		
GSR Mortgage Loan Trust FRB Ser. 07-OA1, Class 2A3A, (1 Month US LIBOR + 0.31%), 2.576%, 5/25/37	\$1,018,741	\$751,174
HarborView Mortgage Loan Trust FRB Ser. 05-2, Class 1A, (1 Month US LIBOR + 0.52%), 2.818%, 5/19/35	560,824	356,266
JPMorgan Alternative Loan Trust FRB Ser. 07-A2, Class 12A1, IO, (1 Month US LIBOR + 0.20%), 2.466%, 6/25/37	895,799	541,179
Legacy Mortgage Asset Trust 144A FRB Ser. 19-GS2, Class A2, 4.25%, 1/25/59	730,000	730,000
Morgan Stanley Re-REMIC Trust 144A FRB Ser. 10-R4, Class 4B, (1 Month US LIBOR + 0.23%), 3.188%, 2/26/37	866,829	772,686
MortgageIT Trust FRB Ser. 05-3, Class M2, (1 Month US LIBOR + 0.80%), 3.061%, 8/25/35	267,216	258,781
Oaktown Re, Ltd. 144A		
FRB Ser. 17-1A, Class B1, (1 Month US LIBOR + 6.00%), 8.016%, 4/25/27 (Bermuda)	550,000	586,231
FRB Ser. 18-1A, Class M2, (1 Month US LIBOR + 2.85%), 5.116%, 7/25/28 (Bermuda)	2,230,000	2,236,272
Radnor Re, Ltd. 144A FRB Ser. 18-1, Class M2, (1 Month US LIBOR + 2.70%), 4.966%, 3/25/28 (Bermuda)	620,000	621,163
Structured Asset Mortgage Investments II Trust		
FRB Ser. 06-AR7, Class A1A, (1 Month US LIBOR + 0.21%), 2.476%, 8/25/36	1,015,014	959,188
FRB Ser. 07-AR1, Class 2A1, (1 Month US LIBOR + 0.18%), 2.446%, 1/25/37	1,164,636	1,090,053
WaMu Mortgage Pass-Through Certificates Trust		
FRB Ser. 05-AR14, Class 1A2, 4.175%, 12/25/35 ^W	352,317	353,362
FRB Ser. 05-AR10, Class 1A3, 4.109%, 9/25/35 ^W	870,487	884,623
FRB Ser. 05-AR13, Class A1C3, (1 Month US LIBOR + 0.49%), 2.756%, 10/25/45	727,465	723,266
FRB Ser. 05-AR19, Class A1C4, (1 Month US LIBOR + 0.40%), 2.666%, 12/25/45	633,786	619,517
Wells Fargo Mortgage Backed Securities Trust		
FRB Ser. 06-AR5, Class 1A1, 5.196%, 4/25/36 ^W	307,566	315,255
FRB Ser. 06-AR2, Class 1A1, 4.964%, 3/25/36 ^W	310,661	312,040
		75,407,174
Total mortgage-backed securities (cost \$247,562,375)		\$245,831,862

CORPORATE BONDS AND NOTES (24.4%)*	Principal amount	Value
Basic materials (2.6%)		
Allegheny Technologies, Inc. sr. unsec. unsub. notes 7.875%, 8/15/23	\$459,000	\$494,573
Allegheny Technologies, Inc. sr. unsec. unsub. notes 5.95%, 1/15/21	107,000	109,541
Axalta Coating Systems, LLC 144A company guaranty sr. unsec. unsub. notes 4.875%, 8/15/24	720,000	741,600
Beacon Roofing Supply, Inc. company guaranty sr. unsec. unsub. notes 6.375%, 10/1/23	242,000	249,865
Beacon Roofing Supply, Inc. 144A company guaranty sr. unsec. notes 4.875%, 11/1/25	212,000	209,880

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Basic materials <i>cont.</i>		
Big River Steel, LLC/BRS Finance Corp. 144A company guaranty sr. notes 7.25%, 9/1/25	\$498,000	\$530,370
BMC East, LLC 144A company guaranty sr. notes 5.50%, 10/1/24	415,000	423,416
Boise Cascade Co. 144A company guaranty sr. unsec. notes 5.625%, 9/1/24	547,000	560,675
Builders FirstSource, Inc. 144A company guaranty sr. unsub. notes 5.625%, 9/1/24	233,000	241,155
Builders FirstSource, Inc. 144A sr. notes 6.75%, 6/1/27	195,000	205,238
BWAY Holding Co. 144A sr. notes 5.50%, 4/15/24	275,000	274,574
Cemex Finance, LLC 144A company guaranty sr. notes 6.00%, 4/1/24 (Mexico)	485,000	497,731
Cemex SAB de CV 144A company guaranty sr. sub. notes 5.70%, 1/11/25 (Mexico)	200,000	204,000
Chemours Co. (The) company guaranty sr. unsec. notes 5.375%, 5/15/27	122,000	107,360
Chemours Co. (The) company guaranty sr. unsec. unsub. notes 7.00%, 5/15/25	136,000	133,398
Compass Minerals International, Inc. 144A company guaranty sr. unsec. notes 4.875%, 7/15/24	586,000	561,095
First Quantum Minerals, Ltd. 144A company guaranty sr. unsec. notes 6.875%, 3/1/26 (Canada)	295,000	278,775
Freeport-McMoRan, Inc. company guaranty sr. unsec. notes 6.875%, 2/15/23 (Indonesia)	290,000	305,225
Freeport-McMoRan, Inc. company guaranty sr. unsec. unsub. notes 5.45%, 3/15/43 (Indonesia)	65,000	60,301
GCP Applied Technologies, Inc. 144A sr. unsec. notes 5.50%, 4/15/26	739,000	757,475
Greif, Inc. 144A company guaranty sr. unsec. notes 6.50%, 3/1/27	401,000	418,043
Ingevity Corp. 144A sr. unsec. notes 4.50%, 2/1/26	458,000	445,405
James Hardie International Finance DAC 144A sr. unsec. bonds 5.00%, 1/15/28 (Ireland)	200,000	201,060
Joseph T Ryerson & Son, Inc. 144A sr. notes 11.00%, 5/15/22	141,000	148,952
Louisiana-Pacific Corp. company guaranty sr. unsec. unsub. notes 4.875%, 9/15/24	283,000	288,660
Mercer International, Inc. company guaranty sr. unsec. notes 7.75%, 12/1/22 (Canada)	106,000	108,915
Mercer International, Inc. sr. unsec. notes 7.375%, 1/15/25 (Canada)	65,000	67,262
Mercer International, Inc. sr. unsec. notes 6.50%, 2/1/24 (Canada)	214,000	216,140
Mercer International, Inc. sr. unsec. notes 5.50%, 1/15/26 (Canada)	160,000	153,600
NCI Building Systems, Inc. 144A company guaranty sr. unsec. sub. notes 8.00%, 4/15/26	297,000	290,689
Novelis Corp. 144A company guaranty sr. unsec. bonds 5.875%, 9/30/26	190,000	196,888
Novelis Corp. 144A company guaranty sr. unsec. notes 6.25%, 8/15/24	1,015,000	1,063,213
PQ Corp. 144A company guaranty sr. unsec. notes 5.75%, 12/15/25	455,000	460,688
Smurfit Kappa Treasury Funding DAC company guaranty sr. unsec. unsub. notes 7.50%, 11/20/25 (Ireland)	403,000	475,540
Starfruit Finco BV/Starfruit US Holdco, LLC 144A sr. unsec. notes 8.00%, 10/1/26 (Netherlands)	180,000	177,525

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Basic materials <i>cont.</i>		
Steel Dynamics, Inc. company guaranty sr. unsec. notes 5.00%, 12/15/26	\$132,000	\$137,940
Steel Dynamics, Inc. company guaranty sr. unsec. notes 4.125%, 9/15/25	47,000	47,193
Steel Dynamics, Inc. company guaranty sr. unsec. unsub. notes 5.50%, 10/1/24	110,000	113,543
Steel Dynamics, Inc. company guaranty sr. unsec. unsub. notes 5.25%, 4/15/23	45,000	45,900
Syngenta Finance NV 144A company guaranty sr. unsec. unsub. notes 5.182%, 4/24/28 (Switzerland)	575,000	603,453
Syngenta Finance NV 144A company guaranty sr. unsec. unsub. notes 4.892%, 4/24/25 (Switzerland)	325,000	340,390
Teck Resources, Ltd. company guaranty sr. unsec. unsub. notes 3.75%, 2/1/23 (Canada)	63,000	63,897
TopBuild Corp. 144A company guaranty sr. unsec. notes 5.625%, 5/1/26	354,000	362,408
Tronox Finance PLC 144A company guaranty sr. unsec. notes 5.75%, 10/1/25 (United Kingdom)	125,000	117,656
U.S. Concrete, Inc. company guaranty sr. unsec. unsub. notes 6.375%, 6/1/24	324,000	336,960
Univar USA, Inc. 144A company guaranty sr. unsec. notes 6.75%, 7/15/23	271,000	275,065
WR Grace & Co.- Conn. 144A company guaranty sr. unsec. notes 5.625%, 10/1/24	270,000	291,600
Zekelman Industries, Inc. 144A company guaranty sr. notes 9.875%, 6/15/23	489,000	515,284
		14,910,116
Capital goods (1.9%)		
Allison Transmission, Inc. 144A company guaranty sr. unsec. notes 4.75%, 10/1/27	757,000	757,946
Amsted Industries, Inc. 144A company guaranty sr. unsec. sub. notes 5.625%, 7/1/27	190,000	198,075
Ardagh Packaging Finance PLC/Ardagh Holdings USA, Inc. 144A company guaranty sr. sub. notes 4.125%, 8/15/26 (Ireland)	265,000	265,331
Ardagh Packaging Finance PLC/Ardagh Holdings USA, Inc. 144A company guaranty sr. unsec. notes 5.25%, 8/15/27 (Ireland)	265,000	265,331
Berry Global Escrow Corp. 144A notes 5.625%, 7/15/27	125,000	131,406
Berry Global Escrow Corp. 144A sr. notes 4.875%, 7/15/26	125,000	130,000
Berry Global, Inc. company guaranty notes 5.50%, 5/15/22	240,000	242,700
Berry Global, Inc. company guaranty unsub. notes 5.125%, 7/15/23	429,000	438,116
Berry Global, Inc. 144A notes 4.50%, 2/15/26	85,000	85,213
Bombardier, Inc. 144A sr. unsec. notes 8.75%, 12/1/21 (Canada)	110,000	120,450
Briggs & Stratton Corp. company guaranty sr. unsec. notes 6.875%, 12/15/20	369,000	383,760
Clean Harbors, Inc. 144A sr. unsec. bonds 5.125%, 7/15/29	100,000	105,405
Clean Harbors, Inc. 144A sr. unsec. notes 4.875%, 7/15/27	175,000	180,031
Crown Americas, LLC/Crown Americas Capital Corp. VI company guaranty sr. unsec. notes 4.75%, 2/1/26	315,000	323,820
Crown Cork & Seal Co., Inc. company guaranty sr. unsec. bonds 7.375%, 12/15/26	347,000	407,725

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>		Principal amount	Value
Capital goods <i>cont.</i>			
Gates Global, LLC/Gates Global Co. 144A company guaranty sr. unsec. notes 6.00%, 7/15/22		\$343,000	\$342,571
Great Lakes Dredge & Dock Corp. company guaranty sr. unsec. notes 8.00%, 5/15/22		408,000	435,418
Hulk Finance Corp. 144A sr. unsec. notes 7.00%, 6/1/26 (Canada)		233,000	241,155
Nordex SE sr. unsec. notes Ser. REGS, 6.50%, 2/1/23 (Germany)	EUR	200,000	225,733
Novafives SAS sr. notes Ser. REGS, 5.00%, 6/15/25 (France)	EUR	200,000	207,906
Oshkosh Corp. company guaranty sr. unsec. sub. notes 5.375%, 3/1/25		\$215,000	223,600
Panther BF Aggregator 2 LP/Panther Finance Co., Inc. 144A company guaranty sr. notes 6.25%, 5/15/26		268,000	277,300
Panther BF Aggregator 2 LP/Panther Finance Co., Inc. 144A company guaranty sr. unsec. notes 8.50%, 5/15/27		250,000	254,063
RBS Global, Inc./Rexnord, LLC 144A sr. unsec. notes 4.875%, 12/15/25		675,000	685,125
Staples, Inc. 144A sr. notes 7.50%, 4/15/26		585,000	598,163
Stevens Holding Co, Inc. 144A company guaranty sr. unsec. notes 6.125%, 10/1/26		695,000	736,700
Tennant Co. company guaranty sr. unsec. unsub. notes 5.625%, 5/1/25		230,000	238,625
TransDigm, Inc. company guaranty sr. unsec. sub. notes 6.375%, 6/15/26		361,000	367,660
TransDigm, Inc. 144A company guaranty sr. notes 6.25%, 3/15/26		1,372,000	1,438,885
Trivium Packaging Finance BV 144A company guaranty sr. notes 5.50%, 8/15/26 (Netherlands)		200,000	206,250
Trivium Packaging Finance BV 144A company guaranty sr. unsec. notes 8.50%, 8/15/27 (Netherlands)		200,000	211,058
			10,725,521
Communication services (2.2%)			
Altice Financing SA 144A company guaranty sr. notes 6.625%, 2/15/23 (Luxembourg)		400,000	410,000
Altice France SA 144A sr. bonds 6.25%, 5/15/24 (France)		263,000	270,890
Altice Luxembourg SA 144A company guaranty sr. unsec. notes 7.75%, 5/15/22 (Luxembourg)		200,000	203,500
CCO Holdings, LLC/CCO Holdings Capital Corp. 144A company guaranty sr. unsec. bonds 5.50%, 5/1/26		850,000	888,250
CCO Holdings, LLC/CCO Holdings Capital Corp. 144A company guaranty sr. unsec. notes 5.875%, 4/1/24		203,000	210,866
CCO Holdings, LLC/CCO Holdings Capital Corp. 144A sr. unsec. bonds 5.375%, 6/1/29		835,000	865,269
CCO Holdings, LLC/CCO Holdings Capital Corp. 144A sr. unsec. notes 5.75%, 2/15/26		112,000	117,988
CCO Holdings, LLC/CCO Holdings Capital Corp. 144A sr. unsec. unsub. notes 5.125%, 5/1/23		618,000	632,770
CommScope Technologies, LLC 144A company guaranty sr. unsec. notes 6.00%, 6/15/25		423,000	384,930
CSC Holdings, LLC sr. unsec. unsub. bonds 5.25%, 6/1/24		270,000	281,813
CSC Holdings, LLC 144A sr. unsec. unsub. notes 7.50%, 4/1/28		200,000	220,250
CSC Holdings, LLC 144A sr. unsec. unsub. notes 5.125%, 12/15/21		666,000	666,000
DISH DBS Corp. company guaranty sr. unsec. unsub. notes 5.875%, 11/15/24		314,000	292,026

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>		Principal amount	Value
Communication services <i>cont.</i>			
Equinix, Inc. sr. unsec. notes 5.375%, 5/15/27 ^R		\$372,000	\$399,323
Equinix, Inc. sr. unsec. unsub. notes 5.875%, 1/15/26 ^R		85,000	90,287
Frontier Communications Corp. 144A company guaranty notes 8.50%, 4/1/26		180,000	175,896
Intelsat Connect Finance SA 144A company guaranty sr. unsec. notes 9.50%, 2/15/23 (Luxembourg)		230,000	206,356
Intelsat Jackson Holdings SA 144A company guaranty sr. notes 8.00%, 2/15/24 (Bermuda)		15,000	15,583
Level 3 Financing, Inc. company guaranty sr. unsec. unsub. notes 5.625%, 2/1/23		218,000	220,834
Level 3 Financing, Inc. company guaranty sr. unsec. unsub. notes 5.25%, 3/15/26		598,000	622,668
Quebecor Media, Inc. sr. unsec. unsub. notes 5.75%, 1/15/23 (Canada)		88,000	93,720
Sprint Capital Corp. company guaranty sr. unsec. unsub. notes 6.875%, 11/15/28		278,000	305,800
Sprint Communications, Inc. sr. unsec. notes 7.00%, 8/15/20		238,000	246,925
Sprint Corp. company guaranty sr. unsec. sub. notes 7.875%, 9/15/23		404,000	450,460
Sprint Corp. company guaranty sr. unsec. sub. notes 7.25%, 9/15/21		465,000	499,294
Sprint Spectrum Co., LLC/Sprint Spectrum Co. II, LLC/Sprint Spectrum Co. III, LLC 144A company guaranty sr. notes 3.36%, 9/20/21		163,125	163,614
T-Mobile USA, Inc. company guaranty sr. unsec. notes 6.375%, 3/1/25		505,000	523,306
T-Mobile USA, Inc. company guaranty sr. unsec. notes 6.00%, 3/1/23		291,000	296,031
T-Mobile USA, Inc. company guaranty sr. unsec. notes 5.375%, 4/15/27		74,000	78,625
T-Mobile USA, Inc. company guaranty sr. unsec. notes 4.00%, 4/15/22		100,000	101,750
T-Mobile USA, Inc. company guaranty sr. unsec. unsub. bonds 4.75%, 2/1/28		295,000	303,113
T-Mobile USA, Inc. company guaranty sr. unsec. unsub. notes 4.50%, 2/1/26		125,000	127,344
Unitymedia Hessen GmbH & Co. KG/Unitymedia NRW GmbH company guaranty sr. bonds Ser. REGS, 6.25%, 1/15/29 (Germany)	EUR	639,000	786,314
Videotron, Ltd. company guaranty sr. unsec. unsub. notes 5.00%, 7/15/22 (Canada)		\$662,000	692,618
Videotron, Ltd./Videotron Ltee. 144A sr. unsec. notes 5.125%, 4/15/27 (Canada)		170,000	178,075
Virgin Media Secured Finance PLC 144A company guaranty sr. bonds 5.00%, 4/15/27 (United Kingdom)	GBP	255,000	320,844
Ziggo BV 144A company guaranty sr. notes 5.50%, 1/15/27 (Netherlands)		\$150,000	153,563
			12,496,895
Consumer cyclicals (4.2%)			
American Builders & Contractors Supply Co., Inc. 144A company guaranty sr. unsec. notes 5.875%, 5/15/26		85,000	90,206
American Builders & Contractors Supply Co., Inc. 144A sr. unsec. notes 5.75%, 12/15/23		198,000	204,435

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>		Principal amount	Value
Consumer cyclicals <i>cont.</i>			
Boyd Gaming Corp. company guaranty sr. unsec. notes 6.00%, 8/15/26		\$350,000	\$365,750
Brookfield Residential Properties, Inc./Brookfield Residential US Corp. 144A company guaranty sr. unsec. notes 6.125%, 7/1/22 (Canada)		94,000	95,763
Cinemark USA, Inc. company guaranty sr. unsec. notes 5.125%, 12/15/22		165,000	167,445
Cinemark USA, Inc. company guaranty sr. unsec. sub. notes 4.875%, 6/1/23		420,000	425,300
Clear Channel Worldwide Holdings, Inc. company guaranty sr. unsec. unsub. notes 6.50%, 11/15/22		280,000	285,880
Codere Finance 2 Luxembourg SA company guaranty sr. notes Ser. REGS, 6.75%, 11/1/21 (Luxembourg)	EUR	200,000	224,584
CRC Escrow Issuer, LLC/CRC Finco, Inc. 144A company guaranty sr. unsec. notes 5.25%, 10/15/25		\$465,000	463,977
Diamond Sports Group, LLC/Diamond Sports Finance Co. 144A sr. notes 5.375%, 8/15/26 ^{##}		281,000	285,566
Diamond Sports Group, LLC/Diamond Sports Finance Co. 144A sr. unsec. notes 6.625%, 8/15/27 ^{##}		125,000	127,734
Eldorado Resorts, Inc. company guaranty sr. unsec. notes 6.00%, 9/15/26		50,000	53,981
Eldorado Resorts, Inc. company guaranty sr. unsec. unsub. notes 7.00%, 8/1/23		163,000	170,335
Entercom Media Corp. 144A company guaranty notes 6.50%, 5/1/27		600,000	634,500
Entercom Media Corp. 144A company guaranty sr. unsec. notes 7.25%, 11/1/24		228,000	238,830
Gartner, Inc. 144A company guaranty sr. unsec. notes 5.125%, 4/1/25		530,000	545,238
Gray Television, Inc. 144A sr. unsec. notes 7.00%, 5/15/27		519,000	567,656
Hanesbrands, Inc. 144A company guaranty sr. unsec. unsub. notes 4.625%, 5/15/24		320,000	332,067
Hilton Worldwide Finance, LLC/Hilton Worldwide Finance Corp. company guaranty sr. unsec. notes 4.875%, 4/1/27		450,000	466,313
Howard Hughes Corp. (The) 144A sr. unsec. notes 5.375%, 3/15/25		388,000	397,700
iHeartCommunications, Inc. company guaranty sr. notes 6.375%, 5/1/26		210,373	223,458
iHeartCommunications, Inc. company guaranty sr. unsec. notes 8.375%, 5/1/27		419,740	441,776
IHS Markit, Ltd. sr. unsec. sub. bonds 4.75%, 8/1/28 (United Kingdom)		145,000	160,225
IHS Markit, Ltd. 144A company guaranty notes 4.75%, 2/15/25 (United Kingdom)		600,000	644,250
IHS Markit, Ltd. 144A company guaranty sr. unsec. notes 4.00%, 3/1/26 (United Kingdom)		75,000	78,000
Iron Mountain, Inc. 144A company guaranty sr. unsec. bonds 5.25%, 3/15/28 ^R		73,000	73,548
Iron Mountain, Inc. 144A company guaranty sr. unsec. notes 4.875%, 9/15/27 ^R		591,000	588,045
Jack Ohio Finance, LLC/Jack Ohio Finance 1 Corp. 144A company guaranty sr. notes 6.75%, 11/15/21		505,000	516,120

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Consumer cyclicals <i>cont.</i>		
JC Penney Corp., Inc. company guaranty sr. unsec. unsub. bonds 7.40%, 4/1/37	\$235,000	\$56,400
Jeld-Wen, Inc. 144A company guaranty sr. unsec. notes 4.875%, 12/15/27	170,000	166,388
Jeld-Wen, Inc. 144A company guaranty sr. unsec. notes 4.625%, 12/15/25	195,000	191,831
Lennar Corp. company guaranty sr. unsec. sub. notes 5.875%, 11/15/24	180,000	197,100
Lions Gate Capital Holdings, LLC 144A company guaranty sr. unsec. notes 5.875%, 11/1/24	404,000	421,170
Lions Gate Capital Holdings, LLC 144A sr. unsec. notes 6.375%, 2/1/24	255,000	269,025
Live Nation Entertainment, Inc. 144A company guaranty sr. unsec. sub. notes 5.625%, 3/15/26	679,000	718,891
Masonite International Corp. 144A company guaranty sr. unsec. notes 5.375%, 2/1/28	100,000	102,579
Mattamy Group Corp. 144A sr. unsec. notes 6.875%, 12/15/23 (Canada)	353,000	366,238
Mattamy Group Corp. 144A sr. unsec. notes 6.50%, 10/1/25 (Canada)	257,000	268,244
Meredith Corp. company guaranty sr. unsec. notes 6.875%, 2/1/26	265,000	280,900
MGM Resorts International company guaranty sr. unsec. unsub. notes 6.625%, 12/15/21	337,000	364,803
Navistar International Corp. 144A sr. unsec. notes 6.625%, 11/1/25	534,000	548,018
Nexstar Broadcasting, Inc. 144A company guaranty sr. unsec. notes 5.625%, 8/1/24	272,000	282,540
Nexstar Escrow, Inc. 144A sr. unsec. notes 5.625%, 7/15/27	100,000	103,875
Nielsen Co. Luxembourg SARL (The) 144A company guaranty sr. unsec. notes 5.00%, 2/1/25 (Luxembourg)	177,000	170,805
Nielsen Finance, LLC/Nielsen Finance Co. 144A company guaranty sr. unsec. sub. notes 5.00%, 4/15/22	476,000	475,262
Outfront Media Capital, LLC/Outfront Media Capital Corp. company guaranty sr. unsec. sub. notes 5.875%, 3/15/25	315,000	323,937
Owens Corning company guaranty sr. unsec. notes 4.20%, 12/1/24	296,000	307,105
Penske Automotive Group, Inc. company guaranty sr. unsec. sub. notes 5.75%, 10/1/22	439,000	443,728
Penske Automotive Group, Inc. company guaranty sr. unsec. sub. notes 5.50%, 5/15/26	241,000	249,435
Penske Automotive Group, Inc. company guaranty sr. unsec. sub. notes 5.375%, 12/1/24	290,000	297,975
PulteGroup, Inc. company guaranty sr. unsec. unsub. notes 7.875%, 6/15/32	264,000	315,810
PulteGroup, Inc. company guaranty sr. unsec. unsub. notes 5.50%, 3/1/26	400,000	431,000
Refinitiv US Holdings, Inc. 144A company guaranty sr. notes 6.25%, 5/15/26	224,000	240,800
Rivers Pittsburgh Borrower LP/Rivers Pittsburgh Finance Corp. 144A sr. notes 6.125%, 8/15/21	515,000	522,725
Sabre GLBL, Inc. 144A company guaranty sr. notes 5.375%, 4/15/23	339,000	346,658
Scientific Games International, Inc. company guaranty sr. unsec. notes 10.00%, 12/1/22	580,000	604,662

CORPORATE BONDS AND NOTES (24.4%)* cont.	Principal amount	Value
Consumer cyclicals cont.		
Scientific Games International, Inc. 144A company guaranty sr. notes 5.00%, 10/15/25	\$150,000	\$153,375
Sinclair Television Group, Inc. 144A company guaranty sr. unsec. sub. notes 5.625%, 8/1/24	158,000	162,495
Sirius XM Radio, Inc. 144A sr. unsec. bonds 5.00%, 8/1/27	819,000	841,523
Six Flags Entertainment Corp. 144A company guaranty sr. unsec. bonds 5.50%, 4/15/27	495,000	520,988
Six Flags Entertainment Corp. 144A company guaranty sr. unsec. unsub. notes 4.875%, 7/31/24	600,000	613,500
Spectrum Brands, Inc. company guaranty sr. unsec. sub. notes 6.625%, 11/15/22	12,000	12,255
Standard Industries, Inc. 144A sr. unsec. notes 6.00%, 10/15/25	333,000	350,066
Standard Industries, Inc. 144A sr. unsec. notes 5.375%, 11/15/24	410,000	420,246
Standard Industries, Inc. 144A sr. unsec. notes 4.75%, 1/15/28	25,000	24,711
Tribune Media Co. company guaranty sr. unsec. notes 5.875%, 7/15/22	282,000	286,653
Univision Communications, Inc. 144A company guaranty sr. notes 5.125%, 5/15/23	495,000	491,436
Weekley Homes, LLC/Weekley Finance Corp. sr. unsec. notes 6.00%, 2/1/23	420,000	420,000
WMG Acquisition Corp. 144A company guaranty sr. notes 5.00%, 8/1/23	52,000	52,910
Wolverine World Wide, Inc. 144A company guaranty sr. unsec. bonds 5.00%, 9/1/26	229,000	229,000
Wyndham Hotels & Resorts, Inc. 144A company guaranty sr. unsec. notes 5.375%, 4/15/26	250,000	260,625
Wynn Las Vegas, LLC/Wynn Las Vegas Capital Corp. 144A company guaranty sr. unsec. sub. notes 5.25%, 5/15/27	612,000	627,300
		23,403,669
Consumer staples (1.0%)		
1011778 BC ULC/New Red Finance, Inc. 144A company guaranty notes 5.00%, 10/15/25 (Canada)	385,000	393,181
1011778 BC ULC/New Red Finance, Inc. 144A company guaranty sr. notes 4.625%, 1/15/22 (Canada)	170,000	170,425
1011778 BC ULC/New Red Finance, Inc. 144A company guaranty sr. sub. notes 4.25%, 5/15/24 (Canada)	275,000	281,056
Energizer Holdings, Inc. 144A company guaranty sr. unsec. notes 7.75%, 1/15/27	25,000	27,143
Energizer Holdings, Inc. 144A company guaranty sr. unsec. sub. notes 6.375%, 7/15/26	100,000	104,250
Go Daddy Operating Co, LLC/GD Finance Co., Inc. 144A company guaranty sr. unsec. notes 5.25%, 12/1/27	125,000	130,156
Golden Nugget, Inc. 144A company guaranty sr. unsec. sub. notes 8.75%, 10/1/25	229,000	239,878
Golden Nugget, Inc. 144A sr. unsec. notes 6.75%, 10/15/24	505,000	519,837
IAA, Inc. 144A sr. unsec. notes 5.50%, 6/15/27	50,000	52,281
Ittron, Inc. 144A company guaranty sr. unsec. notes 5.00%, 1/15/26	737,000	752,661
KFC Holding Co./Pizza Hut Holdings, LLC/Taco Bell of America, LLC 144A company guaranty sr. unsec. notes 5.25%, 6/1/26	295,000	306,269
KFC Holding Co./Pizza Hut Holdings, LLC/Taco Bell of America, LLC 144A company guaranty sr. unsec. notes 5.00%, 6/1/24	295,000	304,588

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Consumer staples <i>cont.</i>		
KFC Holding Co./Pizza Hut Holdings, LLC/Taco Bell of America, LLC 144A company guaranty sr. unsec. notes 4.75%, 6/1/27	\$180,000	\$184,275
Lamb Weston Holdings, Inc. 144A company guaranty sr. unsec. unsub. notes 4.875%, 11/1/26	350,000	363,125
Lamb Weston Holdings, Inc. 144A company guaranty sr. unsec. unsub. notes 4.625%, 11/1/24	85,000	88,380
Match Group, Inc. 144A sr. unsec. bonds 5.00%, 12/15/27	586,000	614,568
Netflix, Inc. sr. unsec. notes 4.875%, 4/15/28	265,000	273,778
Netflix, Inc. sr. unsec. unsub. notes 5.875%, 11/15/28	510,000	559,725
Netflix, Inc. 144A sr. unsec. bonds 6.375%, 5/15/29	135,000	151,160
Newell Brands, Inc. sr. unsec. unsub. notes 4.20%, 4/1/26	235,000	235,183
Resideo Funding, Inc. 144A company guaranty sr. unsec. notes 6.125%, 11/1/26	180,000	190,125
		5,942,044
Energy (5.0%)		
Aker BP ASA 144A sr. unsec. notes 6.00%, 7/1/22 (Norway)	300,000	309,000
Aker BP ASA 144A sr. unsec. notes 5.875%, 3/31/25 (Norway)	220,000	231,550
Aker BP ASA 144A sr. unsec. notes 4.75%, 6/15/24 (Norway)	150,000	154,500
Antero Midstream Partners LP/Antero Midstream Finance Corp. 144A sr. unsec. notes 5.75%, 1/15/28	195,000	182,081
Antero Resources Corp. company guaranty sr. unsec. notes 5.625%, 6/1/23	213,000	201,285
Antero Resources Corp. company guaranty sr. unsec. sub. notes 5.375%, 11/1/21	324,000	319,846
Antero Resources Corp. company guaranty sr. unsec. sub. notes 5.125%, 12/1/22	38,000	36,290
Apergy Corp. company guaranty sr. unsec. notes 6.375%, 5/1/26	389,000	396,780
Ascent Resources Utica Holdings, LLC/ARU Finance Corp. 144A sr. unsec. notes 10.00%, 4/1/22	268,000	264,650
Ascent Resources Utica Holdings, LLC/ARU Finance Corp. 144A sr. unsec. notes 7.00%, 11/1/26	96,000	76,800
California Resources Corp. company guaranty sr. unsec. sub. notes 5.00%, 1/15/20	65,000	62,400
California Resources Corp. 144A company guaranty notes 8.00%, 12/15/22	450,000	315,000
Cenovus Energy, Inc. sr. unsec. bonds 6.75%, 11/15/39 (Canada)	214,000	255,998
Cheniere Corpus Christi Holdings, LLC company guaranty sr. notes 5.875%, 3/31/25	608,000	668,861
Cheniere Corpus Christi Holdings, LLC company guaranty sr. notes 5.125%, 6/30/27	836,000	910,111
Chesapeake Energy Corp. company guaranty sr. unsec. notes 8.00%, 6/15/27	114,000	91,200
Chesapeake Energy Corp. company guaranty sr. unsec. notes 8.00%, 1/15/25	253,000	216,315
Chesapeake Energy Corp. company guaranty sr. unsec. notes 5.75%, 3/15/23	23,000	19,780
Covey Park Energy, LLC/Covey Park Finance Corp. 144A company guaranty sr. unsec. notes 7.50%, 5/15/25	368,000	257,600
Denbury Resources, Inc. 144A company guaranty notes 9.00%, 5/15/21	261,000	245,993

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Energy <i>cont.</i>		
Denbury Resources, Inc. 144A company guaranty sub. notes 7.75%, 2/15/24	\$103,000	\$75,448
Diamondback Energy, Inc. company guaranty sr. unsec. unsub. notes 5.375%, 5/31/25	634,000	665,700
Endeavor Energy Resources LP/EER Finance, Inc. 144A sr. unsec. bonds 5.75%, 1/30/28	499,000	528,940
Energy Transfer Partners LP company guaranty sr. unsec. notes 5.875%, 1/15/24	356,000	395,382
Energy Transfer Partners LP jr. unsec. sub. FRB Ser. B, 6.625%, perpetual maturity	575,000	546,250
Hess Infrastructure Partners LP/Hess Infrastructure Partners Finance Corp. 144A sr. unsec. notes 5.625%, 2/15/26	543,000	564,550
Holly Energy Partners LP/Holly Energy Finance Corp. 144A company guaranty sr. unsec. notes 6.00%, 8/1/24	510,000	531,675
Indigo Natural Resources, LLC 144A sr. unsec. notes 6.875%, 2/15/26	288,000	242,640
MEG Energy Corp. 144A company guaranty sr. unsec. notes 7.00%, 3/31/24 (Canada)	50,000	47,739
MEG Energy Corp. 144A company guaranty sr. unsec. notes 6.375%, 1/30/23 (Canada)	97,000	92,635
MEG Energy Corp. 144A notes 6.50%, 1/15/25 (Canada)	528,000	528,000
Nabors Industries, Inc. company guaranty sr. unsec. notes 5.75%, 2/1/25	315,000	275,625
Nabors Industries, Inc. company guaranty sr. unsec. notes 5.50%, 1/15/23	40,000	37,400
Nine Energy Service, Inc. 144A sr. unsec. notes 8.75%, 11/1/23	130,000	127,075
Noble Holding International, Ltd. company guaranty sr. unsec. unsub. notes 7.75%, 1/15/24	124,000	96,410
Oasis Petroleum, Inc. company guaranty sr. unsec. sub. notes 6.875%, 1/15/23	196,000	193,060
Oasis Petroleum, Inc. company guaranty sr. unsec. unsub. notes 6.875%, 3/15/22	168,000	167,219
Oasis Petroleum, Inc. 144A sr. unsec. notes 6.25%, 5/1/26	275,000	259,875
Pertamina Persero PT 144A sr. unsec. unsub. notes 4.875%, 5/3/22 (Indonesia)	270,000	284,637
Pertamina Persero PT 144A sr. unsec. unsub. notes 4.30%, 5/20/23 (Indonesia)	400,000	418,516
Petrobras Global Finance BV company guaranty sr. unsec. unsub. bonds 7.375%, 1/17/27 (Brazil)	3,117,000	3,683,359
Petrobras Global Finance BV company guaranty sr. unsec. unsub. notes 6.125%, 1/17/22 (Brazil)	3,254,000	3,502,118
Petrobras Global Finance BV company guaranty sr. unsec. unsub. notes 5.999%, 1/27/28 (Brazil)	1,060,000	1,155,400
Petrobras Global Finance BV company guaranty sr. unsec. unsub. notes 5.299%, 1/27/25 (Brazil)	2,906,000	3,120,318
Petroleos de Venezuela SA company guaranty sr. unsec. bonds Ser. REGS, 6.00%, 11/15/26 (Venezuela) (In default) †	689,000	96,460
Petroleos de Venezuela SA company guaranty sr. unsec. unsub. notes 5.375%, 4/12/27 (Venezuela) (In default) †	972,000	136,080
Petroleos de Venezuela SA 144A company guaranty sr. unsec. notes 6.00%, 11/15/26 (Venezuela) (In default) †	2,345,000	328,300

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Energy <i>cont.</i>		
Petroleos Mexicanos company guaranty sr. unsec. unsub. notes 6.375%, 1/23/45 (Mexico)	\$1,025,000	\$899,350
Precision Drilling Corp. 144A company guaranty sr. unsec. notes 7.125%, 1/15/26 (Canada)	313,000	297,350
Regency Energy Partners LP/Regency Energy Finance Corp. company guaranty sr. unsec. notes 5.00%, 10/1/22	195,000	206,718
Rose Rock Midstream LP/Rose Rock Finance Corp. company guaranty sr. unsec. sub. notes 5.625%, 7/15/22	233,000	229,214
SESI, LLC company guaranty sr. unsec. notes 7.75%, 9/15/24	116,000	69,600
SESI, LLC company guaranty sr. unsec. unsub. notes 7.125%, 12/15/21	188,000	137,710
Seventy Seven Energy, Inc. escrow sr. unsec. notes 6.50%, 7/15/22 ^F	45,000	5
SM Energy Co. sr. unsec. sub. notes 5.00%, 1/15/24	110,000	100,925
SM Energy Co. sr. unsec. unsub. notes 6.125%, 11/15/22	211,000	206,253
Tallgrass Energy Partners LP/Tallgrass Energy Finance Corp. 144A company guaranty sr. unsec. notes 5.50%, 1/15/28	340,000	337,348
Targa Resources Partners LP/Targa Resources Partners Finance Corp. company guaranty sr. unsec. unsub. notes 5.00%, 1/15/28	155,000	157,131
Targa Resources Partners LP/Targa Resources Partners Finance Corp. 144A company guaranty sr. unsec. notes 6.875%, 1/15/29	80,000	88,216
Targa Resources Partners LP/Targa Resources Partners Finance Corp. 144A company guaranty sr. unsec. notes 6.50%, 7/15/27	410,000	446,396
Transocean Pontus, Ltd. 144A company guaranty sr. notes 6.125%, 8/1/25 (Cayman Islands)	203,175	209,778
Transocean Poseidon, Ltd. 144A company guaranty sr. notes 6.875%, 2/1/27	137,000	146,250
Transocean Sentry Ltd. 144A company guaranty sr. notes 5.375%, 5/15/23 (Cayman Islands)	395,000	395,988
Transocean, Inc. 144A company guaranty sr. unsec. notes 9.00%, 7/15/23	10,000	10,522
Valaris PLC sr. unsec. notes 7.75%, 2/1/26 (United Kingdom)	223,000	162,790
Whiting Petroleum Corp. sr. unsec. notes 6.625%, 1/15/26	102,000	96,135
WPX Energy, Inc. sr. unsec. notes 8.25%, 8/1/23	60,000	67,500
WPX Energy, Inc. sr. unsec. notes 5.75%, 6/1/26	288,000	295,920
WPX Energy, Inc. sr. unsec. unsub. notes 6.00%, 1/15/22	320,000	331,600
		28,209,550
Financials (3.5%)		
Alliance Data Systems Corp. 144A company guaranty sr. unsec. notes 5.375%, 8/1/22	778,000	788,456
Ally Financial, Inc. company guaranty sr. unsec. notes 8.00%, 11/1/31	1,028,000	1,373,922
Ally Financial, Inc. sub. unsec. notes 5.75%, 11/20/25	369,000	411,896
American International Group, Inc. jr. unsec. sub. FRB 8.175%, 5/15/58	163,000	218,339
Bank of America Corp. jr. unsec. sub. FRN Ser. AA, 6.10%, perpetual maturity	148,000	161,690
Bank of America Corp. jr. unsec. sub. FRN Ser. Z, 6.50%, perpetual maturity	185,000	205,859
CBRE Services, Inc. company guaranty sr. unsec. notes 5.25%, 3/15/25	175,000	193,681

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Financials <i>cont.</i>		
CIT Group, Inc. sr. unsec. sub. notes 5.00%, 8/1/23	\$195,000	\$209,138
CIT Group, Inc. sr. unsec. unsub. notes 5.25%, 3/7/25	578,000	633,633
CIT Group, Inc. sr. unsec. unsub. notes 5.00%, 8/15/22	82,000	86,920
CNO Financial Group, Inc. sr. unsec. notes 5.25%, 5/30/29	225,000	243,000
CNO Financial Group, Inc. sr. unsec. unsub. notes 5.25%, 5/30/25	678,000	730,545
Credit Acceptance Corp. 144A company guaranty sr. unsec. notes 6.625%, 3/15/26	125,000	134,850
Dresdner Funding Trust I jr. unsec. sub. notes 8.151%, 6/30/31	500,000	678,750
Dresdner Funding Trust I 144A jr. unsec. sub. notes 8.151%, 6/30/31	200,000	271,500
ESH Hospitality, Inc. 144A company guaranty sr. unsec. notes 5.25%, 5/1/25 ^R	220,000	226,325
Fairfax Financial Holdings, Ltd. sr. unsec. notes 4.85%, 4/17/28 (Canada)	170,000	181,192
Freedom Mortgage Corp. 144A sr. unsec. notes 8.125%, 11/15/24	120,000	104,400
GLP Capital LP/GLP Financing II, Inc. company guaranty sr. unsec. notes 5.25%, 6/1/25	250,000	268,438
GLP Capital LP/GLP Financing II, Inc. company guaranty sr. unsec. unsub. notes 5.375%, 4/15/26	185,000	201,302
goeasy, Ltd. 144A company guaranty sr. unsec. notes 7.875%, 11/1/22 (Canada)	214,000	223,095
Icahn Enterprises LP/Icahn Enterprises Finance Corp. company guaranty sr. unsec. notes 6.75%, 2/1/24	210,000	219,450
Icahn Enterprises LP/Icahn Enterprises Finance Corp. company guaranty sr. unsec. notes 6.25%, 2/1/22	205,000	210,662
Icahn Enterprises LP/Icahn Enterprises Finance Corp. company guaranty sr. unsec. notes 5.875%, 2/1/22	440,000	444,400
Icahn Enterprises LP/Icahn Enterprises Finance Corp. 144A company guaranty sr. unsec. notes 6.25%, 5/15/26	100,000	103,250
International Lease Finance Corp. sr. unsec. unsub. notes 5.875%, 8/15/22	20,000	21,718
Intesa Sanpaolo SpA 144A company guaranty jr. unsec. sub. FRB 7.70%, perpetual maturity (Italy)	200,000	199,500
iStar, Inc. sr. unsec. notes 6.00%, 4/1/22 ^R	360,000	369,000
iStar, Inc. sr. unsec. unsub. notes 5.25%, 9/15/22 ^R	125,000	127,021
Liberty Mutual Insurance Co. 144A unsec. sub. notes 7.697%, 10/15/97	670,000	954,062
LPL Holdings, Inc. 144A company guaranty sr. unsec. notes 5.75%, 9/15/25	450,000	466,875
MGM Growth Properties Operating Partnership LP/MGP Finance Co-Issuer, Inc. company guaranty sr. unsec. notes 4.50%, 1/15/28 ^R	115,000	114,856
Miller Homes Group Holdings PLC company guaranty sr. notes Ser. REGS, 5.50%, 10/15/24 (United Kingdom) GBP	175,000	216,212
Nationstar Mortgage Holdings, Inc. 144A company guaranty sr. unsec. notes 9.125%, 7/15/26	\$305,000	318,725
Nationstar Mortgage Holdings, Inc. 144A company guaranty sr. unsec. notes 8.125%, 7/15/23	220,000	227,700
Nationstar Mortgage, LLC/Nationstar Capital Corp. company guaranty sr. unsec. unsub. notes 6.50%, 7/1/21	284,000	283,182
Provident Funding Associates LP/PFG Finance Corp. 144A sr. unsec. notes 6.375%, 6/15/25	300,000	289,500

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Financials <i>cont.</i>		
Royal Bank of Scotland Group PLC jr. unsec. sub. FRB 8.00%, perpetual maturity (United Kingdom)	\$200,000	\$214,250
Royal Bank of Scotland Group PLC jr. unsec. sub. FRB 7.648%, perpetual maturity (United Kingdom)	306,000	403,538
Royal Bank of Scotland Group PLC jr. unsec. sub. FRB 7.50%, perpetual maturity (United Kingdom)	410,000	416,663
Royal Bank of Scotland Group PLC sr. unsec. unsub. notes 3.875%, 9/12/23 (United Kingdom)	235,000	239,300
Springleaf Finance Corp. company guaranty sr. unsec. unsub. notes 6.875%, 3/15/25	745,000	833,342
Starwood Property Trust, Inc. sr. unsec. notes 4.75%, 3/15/25 ^R	330,000	334,884
Taylor Morrison Communities, Inc. 144A sr. unsec. notes 5.75%, 1/15/28	125,000	129,541
TMX Finance, LLC/TitleMax Finance Corp. 144A sr. notes 11.125%, 4/1/23	178,000	162,425
UBS Group Funding Switzerland AG company guaranty jr. unsec. sub. FRN Ser. REGS, 6.875%, perpetual maturity (Switzerland)	200,000	213,095
VTB Bank OJSC Via VTB Capital SA 144A unsec. sub. bonds 6.95%, 10/17/22 (Russia)	4,200,000	4,462,500
		19,522,582
Health care (1.9%)		
Bausch Health Americas, Inc. 144A company guaranty sr. unsec. notes 9.25%, 4/1/26	305,000	341,600
Bausch Health Americas, Inc. 144A sr. unsec. notes 8.50%, 1/31/27	611,000	675,155
Bausch Health Cos., Inc. company guaranty sr. unsec. notes Ser. REGS, 4.50%, 5/15/23	EUR 270,000	302,399
Bausch Health Cos., Inc. 144A company guaranty sr. notes 5.50%, 11/1/25	\$90,000	93,600
Bausch Health Cos., Inc. 144A company guaranty sr. unsec. notes 9.00%, 12/15/25	255,000	285,699
Bausch Health Cos., Inc. 144A company guaranty sr. unsec. notes 7.25%, 5/30/29	235,000	244,254
Bausch Health Cos., Inc. 144A company guaranty sr. unsec. notes 7.00%, 1/15/28	115,000	119,169
Bausch Health Cos., Inc. 144A company guaranty sr. unsec. notes 6.125%, 4/15/25	370,000	380,638
Bausch Health Cos., Inc. 144A company guaranty sr. unsub. notes 7.00%, 3/15/24	355,000	374,525
Bausch Health Cos., Inc. 144A company guaranty sr. unsub. notes 6.50%, 3/15/22	270,000	279,923
Bausch Health Cos., Inc. 144A sr. notes 5.75%, 8/15/27	95,000	99,988
Centene Corp. sr. unsec. unsub. notes 6.125%, 2/15/24	395,000	413,763
Centene Corp. sr. unsec. unsub. notes 4.75%, 5/15/22	305,000	308,602
Centene Escrow I Corp. 144A sr. unsec. notes 5.375%, 6/1/26	135,000	142,594
CHS/Community Health Systems, Inc. company guaranty sr. notes 6.25%, 3/31/23	1,051,000	1,006,333
CHS/Community Health Systems, Inc. company guaranty sr. unsec. notes 6.875%, 2/1/22	235,000	160,975
CHS/Community Health Systems, Inc. 144A company guaranty sr. notes 8.00%, 3/15/26	125,000	119,844
HCA, Inc. company guaranty sr. bonds 5.25%, 6/15/26	256,000	284,068

CORPORATE BONDS AND NOTES (24.4%)* <i>cont.</i>	Principal amount	Value
Health care <i>cont.</i>		
HCA, Inc. company guaranty sr. sub. notes 5.00%, 3/15/24	\$270,000	\$292,890
HCA, Inc. company guaranty sr. unsec. unsub. notes 7.50%, 2/15/22	128,000	141,760
Jaguar Holding Co. II/Pharmaceutical Product Development, LLC 144A company guaranty sr. unsec. notes 6.375%, 8/1/23	370,000	383,413
Kinetic Concepts, Inc./KCI USA, Inc. 144A company guaranty sub. notes 12.50%, 11/1/21	233,000	254,553
Molina Healthcare, Inc. company guaranty sr. unsec. notes 5.375%, 11/15/22	270,000	281,899
Molina Healthcare, Inc. 144A company guaranty sr. unsec. notes 4.875%, 6/15/25	70,000	71,050
Service Corp. International sr. unsec. bonds 5.125%, 6/1/29	350,000	368,922
Service Corp. International sr. unsec. notes 4.625%, 12/15/27	100,000	102,500
Service Corp. International sr. unsec. unsub. notes 5.375%, 5/15/24	1,075,000	1,103,294
Tenet Healthcare Corp. company guaranty sr. notes 4.625%, 7/15/24	660,000	671,220
Tenet Healthcare Corp. company guaranty sr. sub. notes 6.00%, 10/1/20	393,000	404,299
Tenet Healthcare Corp. 144A company guaranty notes 6.25%, 2/1/27	125,000	129,750
Teva Pharmaceutical Finance Netherlands III BV company guaranty sr. unsec. notes 6.75%, 3/1/28 (Israel)	385,000	344,575
Teva Pharmaceutical Finance Netherlands III BV company guaranty sr. unsec. notes 6.00%, 4/15/24 (Israel)	250,000	230,988
WellCare Health Plans, Inc. sr. unsec. notes 5.25%, 4/1/25	165,000	171,222
WellCare Health Plans, Inc. 144A sr. unsec. notes 5.375%, 8/15/26	110,000	116,339
		10,701,803
Technology (1.0%)		
Avaya, Inc. 144A escrow notes 7.00%, 4/1/20	1,318,000	—
CommScope Finance, LLC 144A sr. notes 6.00%, 3/1/26	160,000	161,752
CommScope Finance, LLC 144A sr. notes 5.50%, 3/1/24	75,000	75,938
Diamond 1 Finance Corp./Diamond 2 Finance Corp. 144A company guaranty sr. notes 6.02%, 6/15/26	1,065,000	1,177,510
Diamond 1 Finance Corp./Diamond 2 Finance Corp. 144A company guaranty sr. unsec. notes 7.125%, 6/15/24	483,000	510,774
First Data Corp. 144A notes 5.75%, 1/15/24	761,000	782,917
First Data Corp. 144A sr. notes 5.375%, 8/15/23	375,000	385,013
Nutanix, Inc. cv. sr. unsec. notes zero %, 1/15/23	204,000	184,140
Qorvo, Inc. company guaranty sr. unsec. unsub. notes 5.50%, 7/15/26	210,000	221,193
SS&C Technologies, Inc. 144A company guaranty sr. unsec. notes 5.50%, 9/30/27	584,000	607,360
Dun & Bradstreet Corp. (The) 144A sr. notes 6.875%, 8/15/26	125,000	133,244
TTM Technologies, Inc. 144A company guaranty sr. unsec. notes 5.625%, 10/1/25	821,000	800,475
Western Digital Corp. company guaranty sr. unsec. notes 4.75%, 2/15/26	400,000	395,500
		5,435,816

CORPORATE BONDS AND NOTES (24.4%)* cont.	Principal amount	Value
Transportation (0.1%)		
Watco Cos., LLC/Watco Finance Corp. 144A company guaranty sr. unsec. notes 6.375%, 4/1/23	\$502,000	\$512,040
		512,040
Utilities and power (1.0%)		
AES Corp./Virginia (The) sr. unsec. unsub. notes 5.50%, 4/15/25	965,000	1,001,188
AES Corp./Virginia (The) sr. unsec. unsub. notes 5.125%, 9/1/27	135,000	142,911
AES Corp./Virginia (The) sr. unsec. unsub. notes 4.875%, 5/15/23	160,000	162,600
AES Corp./Virginia (The) sr. unsec. unsub. notes 4.50%, 3/15/23	135,000	138,375
Calpine Corp. sr. unsec. sub. notes 5.75%, 1/15/25	584,000	580,905
Calpine Corp. 144A company guaranty sr. notes 5.25%, 6/1/26	188,000	189,884
Calpine Corp. 144A company guaranty sr. sub. notes 5.875%, 1/15/24	85,000	86,806
Colorado Interstate Gas Co., LLC company guaranty sr. unsec. notes 6.85%, 6/15/37	615,000	720,540
NRG Energy, Inc. company guaranty sr. unsec. notes 7.25%, 5/15/26	206,000	222,480
NRG Energy, Inc. company guaranty sr. unsec. notes 6.625%, 1/15/27	247,000	263,349
NRG Energy, Inc. company guaranty sr. unsec. notes 5.75%, 1/15/28	320,000	340,800
NRG Energy, Inc. 144A company guaranty sr. bonds 4.45%, 6/15/29	175,000	180,453
NRG Energy, Inc. 144A company guaranty sr. notes 3.75%, 6/15/24	110,000	112,557
NRG Energy, Inc. 144A sr. unsec. bonds 5.25%, 6/15/29	260,000	274,300
Texas Competitive Electric Holdings Co., LLC/TCEH Finance, Inc. escrow company guaranty sr. notes 11.50%, 10/1/20 ^F	205,000	308
Vistra Energy Corp. 144A company guaranty sr. unsec. notes 8.125%, 1/30/26	169,000	181,253
Vistra Operations Co., LLC 144A company guaranty sr. unsec. notes 5.00%, 7/31/27	165,000	168,919
Vistra Operations Co., LLC 144A sr. bonds 4.30%, 7/15/29	115,000	115,651
Vistra Operations Co., LLC 144A sr. notes 3.55%, 7/15/24	65,000	65,450
Vistra Operations Co., LLC 144A sr. unsec. notes 5.625%, 2/15/27	152,000	160,360
Vistra Operations Co., LLC 144A sr. unsec. notes 5.50%, 9/1/26	369,000	386,528
		5,495,617
Total corporate bonds and notes (cost \$134,943,529)		\$137,355,653

FOREIGN GOVERNMENT AND AGENCY BONDS AND NOTES (12.8%)*	Principal amount	Value
Argentina (Republic of) sr. unsec. unsub. bonds 6.625%, 7/6/28 (Argentina)	\$460,000	\$370,300
Argentina (Republic of) sr. unsec. unsub. notes 7.50%, 4/22/26 (Argentina)	385,000	330,619
Argentina (Republic of) sr. unsec. unsub. notes 6.875%, 1/26/27 (Argentina)	3,493,000	2,886,091
Argentina (Republic of) sr. unsec. unsub. notes 4.625%, 1/11/23 (Argentina)	650,000	542,750
Argentina (Republic of) 144A sr. unsec. notes 7.125%, 8/1/27 (Argentina)	2,375,000	1,840,625
Brazil (Federal Republic of) sr. unsec. unsub. bonds 4.625%, 1/13/28 (Brazil)	2,255,000	2,391,430

FOREIGN GOVERNMENT AND AGENCY BONDS AND NOTES (12.8%)* <i>cont.</i>			Principal amount	Value
Brazil (Federal Republic of) sr. unsec. unsub. notes 4.25%, 1/7/25 (Brazil)			\$1,370,000	\$1,443,638
Buenos Aires (Province of) sr. unsec. unsub. bonds Ser. REGS, 7.875%, 6/15/27 (Argentina)			900,000	668,250
Buenos Aires (Province of) sr. unsec. unsub. notes Ser. REGS, 6.50%, 2/15/23 (Argentina)			700,000	571,375
Buenos Aires (Province of) unsec. FRN (Argentina Deposit Rates BADLAR + 3.83%), 54.142%, 5/31/22 (Argentina)	ARS		17,110,000	343,114
Buenos Aires (Province of) 144A sr. unsec. unsub. bonds 7.875%, 6/15/27 (Argentina)			\$1,990,000	1,480,063
Buenos Aires (Province of) 144A sr. unsec. unsub. notes 10.875%, 1/26/21 (Argentina)			66,667	62,333
Buenos Aires (Province of) 144A sr. unsec. unsub. notes 9.125%, 3/16/24 (Argentina)			3,308,000	2,770,836
Cordoba (Province of) sr. unsec. unsub. notes Ser. REGS, 7.45%, 9/1/24 (Argentina)			2,664,000	2,117,880
Cordoba (Province of) 144A sr. unsec. unsub. notes 7.125%, 6/10/21 (Argentina)			1,233,000	1,095,533
Dominican (Republic of) sr. unsec. unsub. notes 7.50%, 5/6/21 (Dominican Republic)			116,667	122,938
Dominican (Republic of) sr. unsec. unsub. notes Ser. REGS, 8.625%, 4/20/27 (Dominican Republic)			445,000	538,450
Dominican (Republic of) sr. unsec. unsub. notes Ser. REGS, 6.875%, 1/29/26 (Dominican Republic)			1,150,000	1,308,125
Dominican (Republic of) 144A sr. unsec. unsub. bonds 5.50%, 1/27/25 (Dominican Republic)			1,650,000	1,755,188
Egypt (Arab Republic of) sr. unsec. notes Ser. REGS, 6.125%, 1/31/22 (Egypt)			635,000	662,769
Egypt (Arab Republic of) sr. unsec. notes Ser. REGS, 5.577%, 2/21/23 (Egypt)			310,000	320,850
Egypt (Arab Republic of) sr. unsec. unsub. notes Ser. REGS, 5.875%, 6/11/25 (Egypt)			880,000	915,182
Egypt (Arab Republic of) 144A sr. unsec. notes 5.577%, 2/21/23 (Egypt)			1,010,000	1,046,794
El Salvador (Republic of) sr. unsec. unsub. notes Ser. REGS, 5.875%, 1/30/25 (El Salvador)			700,000	719,250
Hellenic (Republic of) sr. unsec. notes 4.375%, 8/1/22 (Greece)	EUR		2,332,000	2,860,820
Hellenic (Republic of) sr. unsec. notes 3.45%, 4/2/24 (Greece)	EUR		1,411,000	1,729,625
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.00%, 2/24/20), 2/24/40 (Greece) ††	EUR		61,000	75,969
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/36 (Greece) ††	EUR		468,000	582,530
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/33 (Greece) ††	EUR		141,000	174,941
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/32 (Greece) ††	EUR		178,000	222,989
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/31 (Greece) ††	EUR		468,000	584,509
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/30 (Greece) ††	EUR		3,840,211	4,761,929
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/29 (Greece) ††	EUR		137,295	172,122

FOREIGN GOVERNMENT AND AGENCY BONDS AND NOTES (12.8%)* <i>cont.</i>		Principal amount	Value
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/28 (Greece) ††	EUR	4,094,435	\$5,056,277
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/27 (Greece) ††	EUR	398,000	485,482
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/26 (Greece) ††	EUR	1,556,500	1,909,428
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/25 (Greece) ††	EUR	114,000	139,186
Hellenic (Republic of) sr. unsec. unsub. bonds Ser. PSI, stepped-coupon 3.00% (3.65%, 2/24/20), 2/24/23 (Greece) ††	EUR	1,269,807	1,534,746
Indonesia (Republic of) sr. unsec. unsub. notes Ser. REGS, 4.75%, 1/8/26 (Indonesia)		\$2,370,000	2,601,075
Indonesia (Republic of) sr. unsec. unsub. notes Ser. REGS, 4.125%, 1/15/25 (Indonesia)		760,000	805,610
Indonesia (Republic of) 144A sr. unsec. notes 4.75%, 1/8/26 (Indonesia)		300,000	329,251
Indonesia (Republic of) 144A sr. unsec. unsub. bonds 6.625%, 2/17/37 (Indonesia)		1,555,000	2,042,928
Indonesia (Republic of) 144A sr. unsec. unsub. notes 4.35%, 1/8/27 (Indonesia)		1,265,000	1,367,755
Indonesia (Republic of) 144A sr. unsec. unsub. notes 3.375%, 4/15/23 (Indonesia)		1,355,000	1,385,496
Ivory Coast (Republic of) sr. unsec. unsub. bonds Ser. REGS, 6.125%, 6/15/33 (Ivory Coast)		840,000	790,650
Ivory Coast (Republic of) sr. unsec. unsub. notes Ser. REGS, 6.375%, 3/3/28 (Ivory Coast)		630,000	632,350
Ivory Coast (Republic of) sr. unsec. unsub. notes Ser. REGS, 5.375%, 7/23/24 (Ivory Coast)		300,000	305,250
Ivory Coast (Republic of) 144A sr. unsec. bonds 6.125%, 6/15/33 (Ivory Coast)		1,385,000	1,306,924
Ivory Coast (Republic of) 144A sr. unsec. unsub. bonds 5.25%, 3/22/30 (Ivory Coast)	EUR	760,000	850,634
Mexico (Government of) sr. unsec. bonds 5.55%, 1/21/45 (Mexico)		\$5,014,000	5,801,905
Russia (Federation of) 144A sr. unsec. notes 4.50%, 4/4/22 (Russia)		265,000	276,433
Russia (Federation of) 144A sr. unsec. unsub. bonds 4.375%, 3/21/29 (Russia)		200,000	209,494
Senegal (Republic of) unsec. bonds Ser. REGS, 6.25%, 5/23/33 (Senegal)		625,000	618,750
South Africa (Republic of) sr. unsec. unsub. notes 4.85%, 9/27/27 (South Africa)		805,000	817,886
United Mexican States sr. unsec. notes 4.00%, 10/2/23 (Mexico)		1,040,000	1,089,341
United Mexican States sr. unsec. unsub. notes 4.15%, 3/28/27 (Mexico)		3,080,000	3,208,827
Venezuela (Bolivarian Republic of) sr. unsec. bonds 7.00%, 3/31/38 (Venezuela)		650,000	94,250
Venezuela (Republic of) sr. unsec. notes 9.00%, 5/7/23 (Venezuela) (In default) †		1,652,000	239,540
Venezuela (Republic of) sr. unsec. notes 7.65%, 4/21/25 (Venezuela) (In default) †		439,000	63,655
Venezuela (Republic of) sr. unsec. unsub. notes 8.25%, 10/13/24 (Venezuela) (In default) †		2,674,000	387,730
Total foreign government and agency bonds and notes (cost \$70,365,526)			\$71,820,670

PURCHASED SWAP OPTIONS OUTSTANDING (4.5%)*				
Counterparty	Fixed right % to receive or (pay)/ Floating rate index/Maturity date	Expiration date/strike	Notional/ Contract amount	Value
Bank of America N.A.				
2.785/3 month USD-LIBOR-BBA/Jan-47		Jan-27/2.785	\$8,145,400	\$1,005,713
(2.785)/3 month USD-LIBOR-BBA/Jan-47		Jan-27/2.785	8,145,400	454,758
2.3075/3 month USD-LIBOR-BBA/Jun-52		Jun-22/2.3075	3,515,900	315,306
(2.3075)/3 month USD-LIBOR-BBA/Jun-52		Jun-22/2.3075	3,515,900	241,613
(2.401)/3 month USD-LIBOR-BBA/Sep-29		Sep-19/2.401	51,748,200	12,420
Goldman Sachs International				
2.988/3 month USD-LIBOR-BBA/Feb-39		Feb-29/2.988	7,048,900	584,001
(2.983)/3 month USD-LIBOR-BBA/May-52		May-22/2.983	12,300,800	274,554
(2.988)/3 month USD-LIBOR-BBA/Feb-39		Feb-29/2.988	7,048,900	251,293
(2.011)/3 month USD-LIBOR-BBA/Aug-29		Aug-19/2.011	51,748,200	69,343
(2.281)/3 month USD-LIBOR-BBA/Aug-29		Aug-19/2.281	51,748,200	52
JPMorgan Chase Bank N.A.				
3.162/3 month USD-LIBOR-BBA/Nov-33		Nov-20/3.162	26,351,000	3,328,656
1.758/6 month EUR-EURIBOR-Reuters/Sep-49		Sep-19/1.758	EUR 6,794,000	2,557,051
1.376/6 month EUR-EURIBOR-Reuters/Sep-29		Sep-19/1.376	EUR 17,032,000	2,554,774
1.288/6 month EUR-EURIBOR-Reuters/Feb-50		Feb-20/1.288	EUR 10,069,900	2,429,348
3.096/3 month USD-LIBOR-BBA/Nov-29		Nov-19/3.096	\$21,080,800	2,205,473
2.795/3 month USD-LIBOR-BBA/Dec-37		Dec-27/2.795	6,980,300	508,864
2.7575/3 month USD-LIBOR-BBA/Dec-37		Dec-27/2.7575	6,980,300	496,509
(2.7575)/3 month USD-LIBOR-BBA/Dec-37		Dec-27/2.7575	6,980,300	275,303
(2.795)/3 month USD-LIBOR-BBA/Dec-37		Dec-27/2.795	6,980,300	267,276
(3.162)/3 month USD-LIBOR-BBA/Nov-33		Nov-20/3.162	26,351,000	61,661
(1.288)/6 month EUR-EURIBOR-Reuters/Feb-50		Feb-20/1.288	EUR 10,069,900	12,151
(3.096)/3 month USD-LIBOR-BBA/Nov-29		Nov-19/3.096	\$21,080,800	422
(3.095)/3 month USD-LIBOR-BBA/Nov-21		Nov-19/3.095	52,701,900	53
(-0.096)/6 month EUR-EURIBOR-Reuters/Aug-24		Aug-19/-0.096	EUR 45,981,000	51
Morgan Stanley & Co. International PLC				
3.00/3 month USD-LIBOR-BBA/Feb-73		Feb-48/3.00	\$6,990,700	1,317,677
3.00/3 month USD-LIBOR-BBA/Apr-72		Apr-47/3.00	6,990,700	1,313,413
3.00/3 month USD-LIBOR-BBA/Apr-72		Apr-47/3.00	6,990,700	1,312,853
2.75/3 month USD-LIBOR-BBA/May-73		May-48/2.75	6,990,700	1,099,078
2.7725/3 month USD-LIBOR-BBA/Feb-31		Feb-21/2.7725	13,275,300	991,665
2.764/3 month USD-LIBOR-BBA/Feb-31		Feb-21/2.764	13,275,300	983,301
(2.904)/3 month USD-LIBOR-BBA/May-51		May-21/2.904	5,271,800	76,810
(2.7725)/3 month USD-LIBOR-BBA/Feb-31		Feb-21/2.7725	13,275,300	76,731
(2.764)/3 month USD-LIBOR-BBA/Feb-31		Feb-21/2.764	13,275,300	75,536
(2.265)/3 month USD-LIBOR-BBA/Oct-29		Oct-19/2.265	51,748,200	50,196
(3.0975)/3 month USD-LIBOR-BBA/Nov-21		Nov-19/3.0975	52,701,900	53
UBSAG				
(-0.337)/6 month EUR-EURIBOR-Reuters/Jan-22		Jan-20/-0.337	EUR 91,962,100	31,559
(-0.397)/6 month EUR-EURIBOR-Reuters/Aug-21		Aug-19/-0.397	EUR 229,905,200	5,090
Total purchased swap options outstanding (cost \$17,596,488)				\$25,240,607

PURCHASED OPTIONS OUTSTANDING (0.1%)*	Expiration date/strike price	Notional amount	Contract amount	Value
Counterparty				
HSBC Bank USA, National Association				
AUD/JPY (Put)	Sep-19/JPY 73.00	18,479,610	AUD 27,022,900	\$89,848
JPMorgan Chase Bank N.A.				
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Call)	Aug-19/\$100.81	\$48,000,000	\$48,000,000	93,504
Uniform Mortgage-Backed Securities 30 yr 3.50% TBA commitments (Put)	Aug-19/102.07	20,000,000	20,000,000	1,720
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/100.49	26,000,000	26,000,000	87,854
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/100.30	26,000,000	26,000,000	71,162
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/100.12	26,000,000	26,000,000	57,252
Total purchased options outstanding (cost \$918,036)				\$401,340
CONVERTIBLE BONDS AND NOTES (3.8%)*			Principal amount	Value
Capital goods (0.2%)				
Fortive Corp. 144A cv. company guaranty sr. unsec. notes 0.875%, 2/15/22			\$524,000	\$538,435
Horizon Global Corp. cv. sr. unsec. unsub. notes 2.75%, 7/1/22			47,000	29,186
II-VI, Inc. cv. sr. unsec. notes 0.25%, 9/1/22			309,000	337,715
				905,336
Communication services (0.3%)				
8x8, Inc. 144A cv. sr. unsec. notes 0.50%, 2/1/24			191,000	220,316
DISH Network Corp. cv. sr. unsec. notes 3.375%, 8/15/26			500,000	458,169
GCI Liberty, Inc. 144A cv. sr. unsec. bonds 1.75%, 9/30/46			404,000	471,502
Intelsat SA cv. company guaranty sr. unsec. notes 4.50%, 6/15/25 (Luxembourg)			105,000	159,952
RingCentral, Inc. cv. sr. unsec. notes zero %, 3/15/23			175,000	310,780
Vonage Holdings Corp. 144A cv. sr. unsec. notes 1.75%, 6/1/24			162,000	172,002
				1,792,721
Consumer cyclicals (0.6%)				
Euronet Worldwide, Inc. 144A cv. sr. unsec. bonds 0.75%, 3/15/49			306,000	360,445
FTI Consulting, Inc. 144A cv. sr. unsec. notes 2.00%, 8/15/23			216,000	260,645
Liberty Media Corp. cv. sr. unsec. bonds 1.375%, 10/15/23			386,000	461,542
Liberty Media Corp. cv. sr. unsec. notes 1.00%, 1/30/23			237,000	285,853
Live Nation Entertainment, Inc. cv. sr. unsec. notes 2.50%, 3/15/23			425,000	527,510
Marriott Vacations Worldwide Corp. cv. sr. unsec. notes 1.50%, 9/15/22			345,000	341,519
Priceline Group, Inc. (The) cv. sr. unsec. bonds 0.90%, 9/15/21			497,000	572,215
Quotient Technology, Inc. cv. sr. unsec. notes 1.75%, 12/1/22			144,000	139,930
Square, Inc. cv. sr. unsec. notes 0.50%, 5/15/23			268,000	340,945
				3,290,604

CONVERTIBLE BONDS AND NOTES (3.8%)* <i>cont.</i>	Principal amount	Value
Consumer staples (0.3%)		
Chegg, Inc. 144A cv. sr. unsec. notes 0.125%, 3/15/25	\$471,000	\$522,590
IAC Financeco 2, Inc. 144A cv. company guaranty sr. unsec. notes 0.875%, 6/15/26	490,000	512,750
Liberty Expedia Holdings, Inc. cv. sr. unsec. unsub. bonds 1.00%, 6/30/47	250,000	248,298
Wayfair, Inc. 144A cv. sr. unsec. notes 1.125%, 11/1/24	231,000	314,899
Zillow Group, Inc. cv. sr. unsec. notes 1.50%, 7/1/23	301,000	305,626
		1,904,163
Energy (0.1%)		
CHC Group, LLC/CHC Finance Ltd. cv. notes Ser. AI, zero %, 10/1/20 (acquired 2/2/17, cost \$58,386) ^{AA}	84,334	24,457
Chesapeake Energy Corp. cv. company guaranty sr. unsec. notes 5.50%, 9/15/26	160,000	114,125
Oasis Petroleum, Inc. cv. sr. unsec. notes 2.625%, 9/15/23	233,000	203,192
Transocean, Inc. cv. company guaranty sr. unsec. sub. notes 0.50%, 1/30/23	215,000	207,520
		549,294
Financials (0.2%)		
Blackstone Mortgage Trust, Inc. cv. sr. unsec. notes 4.75%, 3/15/23 ^R	222,000	230,675
Encore Capital Group, Inc. cv. company guaranty sr. unsec. unsub. notes 3.25%, 3/15/22	183,000	190,508
IH Merger Sub, LLC cv. company guaranty sr. unsec. notes 3.50%, 1/15/22 ^R	194,000	242,357
JPMorgan Chase Financial Co., LLC cv. company guaranty sr. unsec. notes 0.25%, 5/1/23	272,000	283,152
Redfin Corp. cv. sr. unsec. notes 1.75%, 7/15/23	112,000	104,355
		1,051,047
Health care (0.6%)		
BioMarin Pharmaceutical, Inc. cv. sr. unsec. sub. notes 0.599%, 8/1/24	273,000	277,541
CONMED Corp. 144A cv. sr. unsec. notes 2.625%, 2/1/24	181,000	211,970
DexCom, Inc. 144A cv. sr. unsec. notes 0.75%, 12/1/23	434,000	521,071
Exact Sciences Corp. cv. sr. unsec. notes 0.375%, 3/15/27	206,000	254,410
Illumina, Inc. 144A cv. sr. unsec. notes zero %, 8/15/23	131,000	141,082
Insulet Corp. cv. sr. unsec. notes 1.375%, 11/15/24	187,000	271,272
Ironwood Pharmaceuticals, Inc. cv. sr. unsec. notes 2.25%, 6/15/22	151,000	159,642
Jazz Investments I, Ltd. cv. company guaranty sr. unsec. sub. notes 1.50%, 8/15/24 (Ireland)	460,000	450,487
Neurocrine Biosciences, Inc. cv. sr. unsec. notes 2.25%, 5/15/24	150,000	215,488
Pacira Pharmaceuticals, Inc./Delaware cv. sr. unsec. sub. notes 2.375%, 4/1/22	226,000	232,409
Supernus Pharmaceuticals, Inc. cv. sr. unsec. notes 0.625%, 4/1/23	222,000	217,045
Tabula Rasa HealthCare, Inc. 144A cv. sr. unsec. sub. notes 1.75%, 2/15/26	157,000	175,429
Teladoc Health, Inc. cv. sr. unsec. notes 1.375%, 5/15/25	226,000	339,565
Wright Medical Group, Inc. cv. company guaranty sr. unsec. notes 1.625%, 6/15/23	203,000	220,318
		3,687,729

CONVERTIBLE BONDS AND NOTES (3.8%)* <i>cont.</i>	Principal amount	Value
Technology (1.4%)		
Akamai Technologies, Inc. cv. sr. unsec. notes 0.125%, 5/1/25	\$548,000	\$618,213
Carbonite, Inc. cv. sr. unsec. unsub. notes 2.50%, 4/1/22	114,000	115,949
DocuSign, Inc. 144A cv. sr. unsec. notes 0.50%, 9/15/23	314,000	330,841
Envestnet, Inc. cv. sr. unsec. sub. notes 1.75%, 12/15/19	213,000	247,808
Five9, Inc. cv. sr. unsec. notes 0.125%, 5/1/23	114,000	155,308
Guidewire Software, Inc. cv. sr. unsec. sub. notes 1.25%, 3/15/25	239,000	267,884
Inphi Corp. cv. sr. unsec. notes 0.75%, 9/1/21	263,000	326,411
J2 Global, Inc. cv. sr. unsec. notes 3.25%, 6/15/29	146,000	204,468
LivePerson, Inc. 144A cv. sr. unsec. notes 0.75%, 3/1/24	107,000	119,847
Lumentum Holdings, Inc. cv. sr. unsec. unsub. notes 0.25%, 3/15/24	185,000	221,523
Microchip Technology, Inc. cv. sr. unsec. sub. notes 1.625%, 2/15/27	228,000	290,985
New Relic, Inc. cv. sr. unsec. notes 0.50%, 5/1/23	270,000	296,550
Nuance Communications, Inc. cv. sr. unsec. notes 1.25%, 4/1/25	335,000	335,532
ON Semiconductor Corp. cv. company guaranty sr. unsec. unsub. notes 1.625%, 10/15/23	385,000	492,146
Palo Alto Networks, Inc. 144A cv. sr. unsec. notes 0.75%, 7/1/23	496,000	544,844
Pluralsight, Inc. 144A cv. sr. unsec. notes 0.375%, 3/1/24	414,000	450,011
Rapid7, Inc. 144A cv. sr. unsec. notes 1.25%, 8/1/23	118,000	187,768
Splunk, Inc. 144A cv. sr. unsec. notes 1.125%, 9/15/25	585,000	676,284
Twitter, Inc. cv. sr. unsec. unsub. bonds 1.00%, 9/15/21	472,000	462,717
Verint Systems, Inc. cv. sr. unsec. notes 1.50%, 6/1/21	195,000	215,460
Viavi Solutions, Inc. cv. sr. unsec. notes 1.75%, 6/1/23	216,000	265,883
Wix.com, Ltd. cv. sr. unsec. notes zero %, 7/1/23, (Israel)	200,000	252,706
Workday, Inc. cv. sr. unsec. notes 0.25%, 10/1/22	291,000	425,600
Zendesk, Inc. cv. sr. unsec. notes 0.25%, 3/15/23	231,000	338,253
		7,842,991
Transportation (—%)		
Air Transport Services Group, Inc. cv. sr. unsec. notes 1.125%, 10/15/24	173,000	171,886
		171,886
Utilities and power (0.1%)		
NRG Energy, Inc. cv. company guaranty sr. unsec. bonds 2.75%, 6/1/48	392,000	413,766
		413,766
Total convertible bonds and notes (cost \$20,956,028)		\$21,609,537

SENIOR LOANS (3.0%)* <i>c</i>	Principal amount	Value
Basic materials (0.2%)		
Alpha 3 BV bank term loan FRN Ser. B1, (BBA LIBOR USD 3 Month + 3.00%), 5.33%, 1/31/24	\$284,190	\$277,441
Diamond (BC) BV bank term loan FRN (BBA LIBOR USD 3 Month + 3.00%), 5.256%, 9/6/24	93,762	84,855
Messer Industries USA, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.50%), 4.83%, 3/1/26	173,565	172,770

SENIOR LOANS (3.0%)*c cont.	Principal amount	Value
Basic materials cont.		
Pisces Midco, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.75%), 6.119%, 4/12/25	\$110,000	\$107,250
Starfruit US Holdco, LLC bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.25%), 5.61%, 10/1/25	425,000	417,828
		1,060,144
Capital goods (0.6%)		
Berry Global Group, Inc. bank term loan FRN Ser. U, (BBA LIBOR USD 3 Month + 2.50%), 4.902%, 5/17/26	250,000	249,625
BWAY Corp. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.25%), 5.59%, 4/3/24	632,100	621,302
Gates Global, LLC bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.75%), 4.984%, 3/31/24	171,416	170,398
GFL Environmental, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.00%), 5.234%, 5/31/25	864,282	856,359
Reynolds Group Holdings, Inc. bank term loan FRN (BBA LIBOR USD 3 Month + 3.00%), 4.984%, 2/5/23	316,083	315,970
Staples, Inc. bank term loan FRN (BBA LIBOR USD 3 Month + 5.00%), 7.332%, 4/12/26	390,000	379,763
Titan Acquisition, Ltd. (United Kingdom) bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.00%), 5.234%, 3/28/25	473,567	450,776
Vertiv Intermediate Holding II Corp. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 4.00%), 6.33%, 11/15/23	290,000	275,500
		3,319,693
Communication services (0.3%)		
Asurion, LLC bank term loan FRN Ser. B7, (BBA LIBOR USD 3 Month + 3.00%), 5.234%, 11/3/24	249,370	249,916
Intelsat Jackson Holdings SA bank term loan FRN Ser. B3, (BBA LIBOR USD 3 Month + 3.75%), 5.991%, 11/27/23	615,000	615,615
Sprint Communications, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.00%), 5.25%, 2/3/24	1,103,596	1,102,907
		1,968,438
Consumer cyclicals (1.1%)		
Cineworld Finance US, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.25%), 4.484%, 2/28/25	195,758	194,926
CPG International, Inc. bank term loan FRN (BBA LIBOR USD 3 Month + 3.75%), 5.933%, 5/5/24	277,954	274,827
Diamond Sports Group, LLC bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.25%), 3.25%, 7/18/26	215,000	215,134
Golden Nugget, Inc./NV bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.75%), 5.02%, 10/4/23	199,461	199,461
iHeartCommunications, Inc. bank term loan FRN (BBA LIBOR USD 3 Month + 4.00%), 6.23%, 5/1/26	373,505	376,306
Jo-Ann Stores, LLC bank term loan FRN (BBA LIBOR USD 3 Month + 9.25%), 11.509%, 5/21/24	434,761	371,721
Jo-Ann Stores, LLC bank term loan FRN (BBA LIBOR USD 3 Month + 5.00%), 7.259%, 10/16/23	168,926	144,714
Navistar, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.50%), 5.83%, 11/6/24	876,867	876,209
Nexstar Broadcasting, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.75%), 2.75%, 6/19/26	320,000	319,400

SENIOR LOANS (3.0%)*c cont.	Principal amount	Value
Consumer cyclicals cont.		
PetSmart, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.00%), 6.38%, 3/11/22	\$225,000	\$220,851
Refinitiv US Holdings, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.75%), 5.984%, 10/1/25	944,255	943,468
Robertshaw Holdings Corp. bank term loan FRN (BBA LIBOR USD 3 Month + 8.00%), 10.25%, 2/28/26	220,000	187,000
Robertshaw Holdings Corp. bank term loan FRN (BBA LIBOR USD 3 Month + 3.25%), 5.50%, 2/28/25	521,680	485,162
Scientific Games International, Inc. bank term loan FRN Ser. B5, (BBA LIBOR USD 3 Month + 2.75%), 4.984%, 8/14/24	140,000	139,213
Talbots, Inc. (The) bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 7.00%), 9.33%, 11/28/22	262,120	258,844
Travelport Finance Luxembourg Sarl bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 5.00%), 7.541%, 3/18/26	790,000	767,288
Werner Finco LP bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 4.00%), 6.33%, 7/24/24	242,139	234,875
		6,209,399
Consumer staples (0.4%)		
Albertson's, LLC bank term loan FRN Ser. B7, (BBA LIBOR USD 3 Month + 3.00%), 5.234%, 11/16/25	250,371	250,606
Ascend Learning, LLC bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.00%), 5.234%, 7/12/24	612,066	608,750
Brand Industrial Services, Inc. bank term loan FRN (BBA LIBOR USD 3 Month + 4.25%), 6.613%, 6/21/24	816,380	785,153
IRB Holding Corp. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.25%), 5.55%, 2/5/25	224,432	223,197
Revlon Consumer Products Corp. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.50%), 6.022%, 9/7/23	207,380	172,384
		2,040,090
Energy (0.1%)		
California Resources Corp. bank term loan FRN (BBA LIBOR USD 3 Month + 4.75%), 6.991%, 12/31/22	175,000	166,979
FTS International, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 4.75%), 6.984%, 4/16/21	14,014	13,961
HFOTCO, LLC bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.75%), 4.99%, 6/26/25	440,550	438,347
Lower Cadence Holdings, LLC bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 4.00%), 6.269%, 5/9/26	214,000	213,643
		832,930
Health care (0.1%)		
Air Methods Corp. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.50%), 5.83%, 4/21/24	181,300	153,199
Ortho-Clinical Diagnostics, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 3.25%), 5.563%, 6/1/25	260,985	253,482
		406,681

SENIOR LOANS (3.0%)*^c cont.	Principal amount	Value
Technology (0.2%)		
Avaya, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 4.25%), 6.575%, 12/15/24	\$556,525	\$535,307
Plantronics, Inc. bank term loan FRN Ser. B, (BBA LIBOR USD 3 Month + 2.50%), 4.734%, 7/2/25	380,000	380,000
Rackspace Hosting, Inc. bank term loan FRN (BBA LIBOR USD 3 Month + 3.00%), 5.576%, 11/3/23	139,649	129,425
		1,044,732
Total senior loans (cost \$17,253,746)		\$16,882,107

ASSET-BACKED SECURITIES (1.5%)*	Principal amount	Value
Mello Warehouse Securitization Trust 144A		
FRB Ser. 18-W1, Class A, (1 Month US LIBOR + 0.85%), 3.116%, 11/25/51	\$455,000	\$455,000
FRB Ser. 19-1, Class A, (1 Month US LIBOR + 0.80%), 3.066%, 6/25/52	366,000	366,000
Nationstar HECM Loan Trust 144A Ser. 18-1A, Class M5, 6.00%, 2/25/28 ^W	770,000	766,535
RMF Buyout Issuance Trust 144A Ser. 19-1, Class M5, 6.00%, 7/25/29 ^W	544,000	529,692
Station Place Securitization Trust 144A		
FRB Ser. 19-3, Class A, (1 Month US LIBOR + 0.70%), 3.083%, 6/24/20	2,770,000	2,770,000
FRB Ser. 19-WL1, Class A, (1 Month US LIBOR + 0.65%), zero %, 8/25/52	770,000	770,000
FRB Ser. 19-7, Class A, (1 Month US LIBOR + 0.70%), zero %, 9/24/20	2,722,000	2,722,000
Total asset-backed securities (cost \$8,364,013)		\$8,379,227

COMMON STOCKS (0.1%)*	Shares	Value
Advanz Pharma Corp. (Canada) [†]	1,070	\$14,252
Avaya Holdings Corp. [†]	14,007	168,644
CHC Group, LLC (Units) (acquired 3/23/17, cost \$23,780) [†] ^{ΔΔ}	1,640	82
Clear Channel Outdoor Holdings, Inc. [†]	35,498	107,559
GenOn Energy, Inc.	892	163,236
iHeartMedia, Inc. Class A [†]	15,096	225,838
MWO Holdings, LLC (Units) ^F	169	5,717
Nine Point Energy ^F	1,515	3,030
Tervita Corp. (Canada) [†]	449	2,273
Texas Competitive Electric Holdings Co., LLC/TCEH Finance, Inc. (Rights)	21,073	16,226
Tribune Media Co. Class 1C	92,963	51,130
Total common stocks (cost \$1,410,384)		\$757,987

PREFERRED STOCKS (0.1%)*	Shares	Value
GMAC Capital Trust I Ser. 2, \$1.91 cum. ARP	16,265	\$428,745
Total preferred stocks (cost \$412,195)		\$428,745

CONVERTIBLE PREFERRED STOCKS (—%)*	Shares	Value
Nine Point Energy 6.75% cv. pfd. ^F	32	\$6,400
Total convertible preferred stocks (cost \$32,000)		\$6,400

SHORT-TERM INVESTMENTS (11.2%)*		Principal amount/ shares	Value
Putnam Short Term Investment Fund 2.48% ^L	Shares	42,110,406	\$42,110,406
State Street Institutional U.S. Government Money Market Fund, Premier Class 2.26% ^P	Shares	3,742,000	3,742,000
U.S. Treasury Bills 2.427%, 8/8/19 # ^Δ \$		\$1,874,000	1,873,288
U.S. Treasury Bills 2.246%, 8/6/19 # ^Δ \$		5,685,000	5,683,413
U.S. Treasury Bills 2.135%, 8/13/19 # ^Δ \$		2,343,000	2,341,388
U.S. Treasury Bills 2.120%, 8/20/19 # ^Δ \$		3,371,000	3,367,390
U.S. Treasury Bills 2.064%, 12/5/19 # ^Δ \$		1,278,000	1,268,900
U.S. Treasury Bills 2.047%, 12/12/19 # ^Δ \$		2,774,000	2,753,187
Total short-term investments (cost \$63,139,960)			\$63,139,972

TOTAL INVESTMENTS	
Total investments (cost \$893,048,507)	\$902,596,090

Key to holding's currency abbreviations

ARS	Argentine Peso
AUD	Australian Dollar
CAD	Canadian Dollar
CHF	Swiss Franc
CZK	Czech Koruna
EUR	Euro
GBP	British Pound
JPY	Japanese Yen
NOK	Norwegian Krone
NZD	New Zealand Dollar
SEK	Swedish Krona
USD/\$	United States Dollar

Key to holding's abbreviations

ARP	Adjustable Rate Preferred Stock: the rate shown is the current interest rate at the close of the reporting period
bp	Basis Points
DAC	Designated Activity Company
FRB	Floating Rate Bonds: the rate shown is the current interest rate at the close of the reporting period. Rates may be subject to a cap or floor. For certain securities, the rate may represent a fixed rate currently in place at the close of the reporting period.
FRN	Floating Rate Notes: the rate shown is the current interest rate or yield at the close of the reporting period. Rates may be subject to a cap or floor. For certain securities, the rate may represent a fixed rate currently in place at the close of the reporting period.
IFB	Inverse Floating Rate Bonds, which are securities that pay interest rates that vary inversely to changes in the market interest rates. As interest rates rise, inverse floaters produce less current income. The rate shown is the current interest rate at the close of the reporting period. Rates may be subject to a cap or floor.
IO	Interest Only
OJSC	Open Joint Stock Company
OTC	Over-the-counter
PO	Principal Only
REGS	Securities sold under Regulation S may not be offered, sold or delivered within the United States except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act of 1933.
TBA	To Be Announced Commitments

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 August 1, 2018 through July 31, 2019 (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 \$562,064,205.
- † This security is non-income-producing.
- †† The interest rate and date shown parenthetically represent the new interest rate to be paid and the date the fund will begin accruing interest at this rate.
- ΔΔ This security is restricted with regard to public resale. The total fair value of this security and any other restricted securities (excluding 144A securities), if any, held at the close of the reporting period was \$24,539, or less than 0.1% of net assets.
- # This security, in part or in entirety, was pledged and segregated with the broker to cover margin requirements for futures contracts at the close of the reporting period. Collateral at period end totaled \$340,812 and is included in Investments in securities on the Statement of assets and liabilities (Notes 1 and 9).
- Δ This security, in part or in entirety, was pledged and segregated with the custodian for collateral on certain derivative contracts at the close of the reporting period. Collateral at period end totaled \$9,105,166 and is included in Investments in securities on the Statement of assets and liabilities (Notes 1 and 9).
- 5 This security, in part or in entirety, was pledged and segregated with the custodian for collateral on the initial margin on certain centrally cleared derivative contracts at the close of the reporting period. Collateral at period end totaled \$7,234,045 and is included in Investments in securities on the Statement of assets and liabilities (Notes 1 and 9).
- ## Forward commitment, in part or in entirety (Note 1).
- c Senior loans are exempt from registration under the Securities Act of 1933, as amended, but contain certain restrictions on resale and cannot be sold publicly. These loans pay interest at rates which adjust periodically. The interest rates shown for senior loans are the current interest rates at the close of the reporting period. Senior loans are also subject to mandatory and/or optional prepayment which cannot be predicted. As a result, the remaining maturity may be substantially less than the stated maturity shown (Notes 1 and 7).
- F This security is valued by Putnam Management at fair value following procedures approved by the Trustees. Securities are classified as Level 3 for ASC 820 based on the securities' valuation inputs (Note 1).
- i This security was pledged, or purchased with cash that was pledged, to the fund for collateral on certain derivative contracts (Note 1).
- 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.
- P This security was pledged, or purchased with cash that was pledged, to the fund for collateral on certain derivative contracts and TBA commitments. The rate quoted in the security description is the annualized 7-day yield of the fund at the close of the reporting period.
- R Real Estate Investment Trust.
- w The rate shown represents the weighted average coupon associated with the underlying mortgage pools. Rates may be subject to a cap or floor.

At the close of the reporting period, the fund maintained liquid assets totaling \$324,041,215 to cover certain derivative contracts, delayed delivery securities and the settlement of certain securities.

Unless otherwise noted, the rates quoted in Short-term investments security descriptions represent the weighted average yield to maturity.

Debt obligations are considered secured unless otherwise indicated.

144A after the name of an issuer represents securities exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers.

See Note 1 to the financial statements regarding TBA commitments.

The dates shown on debt obligations are the original maturity dates.

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):

United States	87.5%	Indonesia	1.1%
Greece	2.3	Canada	0.6
Brazil	1.7	Russia	0.6
Argentina	1.7	Other	3.2
Mexico	1.3	Total	100.0%

FORWARD CURRENCY CONTRACTS at 7/31/19 (aggregate face value \$223,225,910)

Counterparty	Currency	Contract type*	Delivery date	Value	Aggregate face value	Unrealized appreciation/ (depreciation)
Bank of America N.A.						
	Australian Dollar	Buy	10/16/19	\$3,218,799	\$3,293,667	\$(74,868)
	Brazilian Real	Buy	10/2/19	2,290,077	2,336,473	(46,396)
	British Pound	Buy	9/18/19	2,259,867	2,334,701	(74,834)
	Canadian Dollar	Buy	10/16/19	1,160,314	1,169,895	(9,581)
	Czech Koruna	Buy	9/18/19	29,961	30,815	(854)
	Euro	Sell	9/18/19	2,730,996	2,774,757	43,761
	Japanese Yen	Buy	8/21/19	2,460,091	2,467,841	(7,750)
	Japanese Yen	Sell	8/21/19	2,460,091	2,461,157	1,066
	Mexican Peso	Buy	10/16/19	2,289,658	2,270,981	18,677
	New Zealand Dollar	Buy	10/16/19	1,134,996	1,172,058	(37,062)
	Norwegian Krone	Buy	9/18/19	6,655,581	6,771,906	(116,325)
	Russian Ruble	Buy	9/18/19	2,270,731	2,283,859	(13,128)
Barclays Bank PLC						
	Canadian Dollar	Sell	10/16/19	5,162,956	5,196,499	33,543
	Euro	Sell	9/18/19	5,187,859	5,278,994	91,135
	New Zealand Dollar	Sell	10/16/19	1,987,754	2,020,967	33,213
	Norwegian Krone	Buy	9/18/19	7,732,753	7,857,391	(124,638)
Citibank, N.A.						
	Australian Dollar	Sell	10/16/19	1,000,973	1,025,742	24,769
	Brazilian Real	Buy	10/2/19	2,305,410	2,287,130	18,280
	Canadian Dollar	Buy	10/16/19	2,306,972	2,334,527	(27,555)
	Euro	Buy	9/18/19	2,268,070	2,327,579	(59,509)
	Japanese Yen	Buy	8/21/19	8,128,465	8,185,276	(56,811)
	Japanese Yen	Sell	8/21/19	8,162,015	8,057,290	(104,725)
	New Zealand Dollar	Sell	10/16/19	1,385,076	1,408,594	23,518
Credit Suisse International						
	Euro	Buy	9/18/19	18,335	21,382	(3,047)
Goldman Sachs International						
	Australian Dollar	Sell	10/16/19	3,049,468	3,131,032	81,564
	British Pound	Buy	9/18/19	128,961	132,798	(3,837)
	Euro	Sell	9/18/19	1,796,588	1,832,209	35,621
	Indian Rupee	Buy	11/20/19	2,304,348	2,270,531	33,817
	Japanese Yen	Sell	8/21/19	4,629,811	4,537,883	(91,928)
	New Taiwan Dollar	Sell	8/21/19	4,631,805	4,650,704	18,899
	New Zealand Dollar	Sell	10/16/19	1,376,067	1,384,628	8,561

FORWARD CURRENCY CONTRACTS at 7/31/19 (aggregate face value \$223,225,910) cont.

Counterparty	Currency	Contract type	Delivery date	Value	Aggregate face value	Unrealized appreciation/ (depreciation)
Goldman Sachs International cont.						
	Norwegian Krone	Buy	9/18/19	\$4,779,944	\$4,847,507	\$(67,563)
	Russian Ruble	Buy	9/18/19	2,270,730	2,278,670	(7,940)
	South Korean Won	Sell	11/20/19	4,539,769	4,639,413	99,644
	Swedish Krona	Sell	9/18/19	9,248,974	9,433,486	184,512
HSBC Bank USA, National Association						
	Australian Dollar	Sell	10/16/19	433,680	460,117	26,437
	British Pound	Buy	9/18/19	2,844,703	2,935,155	(90,452)
	Euro	Sell	9/18/19	1,188,873	1,209,497	20,624
	Indonesian Rupiah	Buy	11/20/19	2,306,070	2,270,745	35,325
	Japanese Yen	Sell	8/21/19	1,694,702	1,664,884	(29,818)
	New Zealand Dollar	Buy	10/16/19	2,206,797	2,245,748	(38,951)
	South Korean Won	Sell	11/20/19	2,269,884	2,327,753	57,869
	Swedish Krona	Sell	9/18/19	2,345,611	2,393,260	47,649
JPMorgan Chase Bank N.A.						
	Canadian Dollar	Sell	10/16/19	4,263,718	4,291,156	27,438
	Euro	Sell	9/18/19	4,570,143	4,671,311	101,168
	Japanese Yen	Buy	8/21/19	4,657,703	4,665,827	(8,124)
	Japanese Yen	Sell	8/21/19	4,657,703	4,669,883	12,180
	Mexican Peso	Buy	10/16/19	2,289,658	2,282,349	7,309
	New Zealand Dollar	Sell	10/16/19	3,449,702	3,489,401	39,699
	Norwegian Krone	Buy	9/18/19	82,272	83,596	(1,324)
	Swedish Krona	Sell	9/18/19	2,264,168	2,329,553	65,385
	Swiss Franc	Buy	9/18/19	746,188	743,562	2,626
NatWest Markets PLC						
	Australian Dollar	Buy	10/16/19	6,640,315	6,775,235	(134,920)
	Canadian Dollar	Buy	10/16/19	2,312,662	2,337,661	(24,999)
	Euro	Sell	9/18/19	3,210,590	3,290,796	80,206
	Indian Rupee	Buy	11/20/19	2,304,348	2,272,299	32,049
	Japanese Yen	Buy	8/21/19	1,368,450	1,371,166	(2,716)
	Japanese Yen	Sell	8/21/19	1,368,450	1,341,197	(27,253)
	New Taiwan Dollar	Sell	8/21/19	2,315,904	2,326,594	10,690
	Norwegian Krone	Buy	9/18/19	2,260,607	2,317,377	(56,770)
	Swedish Krona	Sell	9/18/19	2,250,301	2,341,981	91,680
State Street Bank and Trust Co.						
	Australian Dollar	Buy	10/16/19	2,300,229	2,345,975	(45,746)
	Australian Dollar	Sell	10/16/19	2,291,523	2,347,882	56,359
	British Pound	Sell	9/18/19	329,107	343,034	13,927
	Canadian Dollar	Buy	10/16/19	1,160,316	1,169,894	(9,578)
	Euro	Sell	9/18/19	5,135,410	5,259,096	123,686
	Israeli Shekel	Buy	10/16/19	314,785	312,290	2,495
	Japanese Yen	Sell	8/21/19	4,844,000	4,705,000	(139,000)
	Norwegian Krone	Buy	9/18/19	3,896,936	3,997,688	(100,752)
	Swedish Krona	Sell	9/18/19	4,201,792	4,304,481	102,689

FORWARD CURRENCY CONTRACTS at 7/31/19 (aggregate face value \$223,225,910) cont.

Counterparty	Currency	Contract type*	Delivery date	Value	Aggregate face value	Unrealized appreciation/(depreciation)
UBSAG						
	Australian Dollar	Sell	10/16/19	\$611,649	\$625,771	\$14,122
	Euro	Sell	9/18/19	4,796,939	4,873,478	76,539
	Japanese Yen	Sell	8/21/19	1,140,452	1,029,414	(111,038)
	Swedish Krona	Sell	9/18/19	3,519,747	3,597,228	77,481
WestPac Banking Corp.						
	Australian Dollar	Buy	10/16/19	6,290,137	6,414,384	(124,247)
	Canadian Dollar	Sell	10/16/19	100,607	101,436	829
	Euro	Sell	9/18/19	181,237	182,414	1,177
Unrealized appreciation						1,878,218
Unrealized (depreciation)						(1,874,039)
Total						\$4,179

* The exchange currency for all contracts listed is the United States Dollar.

FUTURES CONTRACTS OUTSTANDING at 7/31/19

	Number of contracts	Notional amount	Value	Expiration date	Unrealized appreciation/(depreciation)
Euro-Dollar 90 day (Long)	534	\$534,000,000	\$130,542,975	Sep-19	\$(107,040)
Euro-Dollar 90 day (Short)	534	534,000,000	131,257,200	Mar-21	10,386
Euro-Schatz 2 yr (Short)	114	14,175,190	14,175,196	Sep-19	(33,039)
U.S. Treasury Bond Ultra 30 yr (Long)	19	3,373,688	3,373,688	Sep-19	137,114
U.S. Treasury Note 2 yr (Long)	117	25,085,531	25,085,531	Sep-19	69,729
U.S. Treasury Note 5 yr (Short)	212	24,921,594	24,921,594	Sep-19	(235,669)
Unrealized appreciation					217,229
Unrealized (depreciation)					(375,748)
Total					\$(158,519)

WRITTEN SWAP OPTIONS OUTSTANDING at 7/31/19 (premiums \$13,272,679)

Counterparty	Fixed Obligation % to receive or (pay)/ Floating rate index/Maturity date	Expiration date/strike	Notional/ Contract amount	Value
Goldman Sachs International				
	2.191/3 month USD-LIBOR-BBA/Aug-29	Aug-19/2.191	\$51,748,200	\$1,035
	2.101/3 month USD-LIBOR-BBA/Aug-29	Aug-19/2.101	51,748,200	10,867
	1.722/3 month GBP-LIBOR-BBA/Feb-39	Feb-29/1.722	GBP 4,577,200	245,865
	2.823/3 month USD-LIBOR-BBA/May-27	May-22/2.823	\$49,203,000	261,760
	(1.722)/3 month GBP-LIBOR-BBA/Feb-39	Feb-29/1.722	GBP 4,577,200	480,764
JPMorgan Chase Bank N.A.				
	3.415/3 month USD-LIBOR-BBA/Nov-21	Nov-19/3.415	\$105,403,900	105
	2.975/3 month USD-LIBOR-BBA/Nov-23	Nov-20/2.975	26,351,000	10,277
	(-0.296)/6 month EUR-EURIBOR-Reuters/Aug-24	Aug-19/-0.296	EUR 45,981,000	137,942
	1.667/6 month EUR-EURIBOR-Reuters/Feb-36	Feb-26/1.667	EUR 10,069,900	243,013
	3.229/3 month USD-LIBOR-BBA/Nov-33	Nov-23/3.229	\$26,351,000	349,678
	(2.975)/3 month USD-LIBOR-BBA/Nov-23	Nov-20/2.975	26,351,000	951,535

WRITTEN SWAP OPTIONS OUTSTANDING at 7/31/19 (premiums \$13,272,679) cont.

Counterparty Fixed Obligation % to receive or (pay)/ Floating rate index/Maturity date	Expiration date/strike		Notional/ Contract amount	Value
JPMorgan Chase Bank N.A. cont.				
(1.667)/6 month EUR-EURIBOR-Reuters/Feb-36	Feb-26/1.667	EUR	10,069,900	\$1,286,631
(3.229)/3 month USD-LIBOR-BBA/Nov-33	Nov-23/3.229		\$26,351,000	2,685,957
(1.733)/6 month EUR-EURIBOR-Reuters/Sep-39	Sep-19/1.733	EUR	18,614,000	4,995,647
Morgan Stanley & Co. International PLC				
2.265/3 month USD-LIBOR-BBA/Aug-29	Aug-19/2.265		\$51,748,200	52
3.3975/3 month USD-LIBOR-BBA/Nov-21	Nov-19/3.3975		105,403,900	105
2.7225/3 month USD-LIBOR-BBA/Feb-30	Feb-20/2.7225		9,654,800	8,013
2.715/3 month USD-LIBOR-BBA/Feb-30	Feb-20/2.715		9,654,800	9,365
2.664/3 month USD-LIBOR-BBA/May-26	May-21/2.664		21,087,000	71,274
3.01/3 month USD-LIBOR-BBA/Feb-36	Feb-26/3.01		3,620,600	96,380
2.97/3 month USD-LIBOR-BBA/Feb-36	Feb-26/2.97		3,620,600	99,494
(2.97)/3 month USD-LIBOR-BBA/Feb-36	Feb-26/2.97		3,620,600	297,577
(3.01)/3 month USD-LIBOR-BBA/Feb-36	Feb-26/3.01		3,620,600	305,470
(2.715)/3 month USD-LIBOR-BBA/Feb-30	Feb-20/2.715		9,654,800	679,119
(2.7225)/3 month USD-LIBOR-BBA/Feb-30	Feb-20/2.7225		9,654,800	684,718
(2.75)/3 month USD-LIBOR-BBA/May-49	May-25/2.75		6,990,700	950,246
(3.00)/3 month USD-LIBOR-BBA/Apr-48	Apr-24/3.00		6,990,700	1,150,529
(3.00)/3 month USD-LIBOR-BBA/Apr-48	Apr-24/3.00		6,990,700	1,150,809
(3.00)/3 month USD-LIBOR-BBA/Jan-49	Jan-25/3.00		6,990,700	1,156,122
UBSAG				
0.271/6 month EUR-EURIBOR-Reuters/Aug-29	Aug-19/0.271	EUR	45,981,000	509
0.498/6 month EUR-EURIBOR-Reuters/Jan-30	Jan-20/0.498	EUR	18,392,400	24,636
Total				\$18,345,494

WRITTEN OPTIONS OUTSTANDING at 7/31/19 (premiums \$786,820)

Counterparty	Expiration date/strike price	Notional amount		Contract amount	Value
HSBC Bank USA, National Association					
AUD/JPY (Put)	Sep-19/JPY 69.00	27,719,449	AUD	40,534,400	\$10,755
JPMorgan Chase Bank N.A.					
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Aug-19/\$100.81	\$48,000,000		\$48,000,000	44,736
Uniform Mortgage-Backed Securities 30 yr 3.50% TBA commitments (Call)	Aug-19/102.07	20,000,000		20,000,000	72,800
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/99.96	26,000,000		26,000,000	47,528
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/99.77	26,000,000		26,000,000	37,882
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/99.59	26,000,000		26,000,000	30,056

WRITTEN OPTIONS OUTSTANDING at 7/31/19 (premiums \$786,820) cont.

Counterparty	Expiration date/strike price	Notional amount	Contract amount	Value
JPMorgan Chase Bank N.A. cont.				
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/\$99.43	\$26,000,000	\$26,000,000	\$24,726
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/99.24	26,000,000	26,000,000	19,448
Uniform Mortgage-Backed Securities 30 yr 3.00% TBA commitments (Put)	Oct-19/99.05	26,000,000	26,000,000	15,184
Total				\$303,115

FORWARD PREMIUM SWAP OPTION CONTRACTS OUTSTANDING at 7/31/19

Counterparty Fixed right or obligation % to receive or (pay)/Floating rate index/ Maturity date	Expiration date/strike		Notional/ Contract amount	Premium receivable/ (payable)	Unrealized appreciation/ (depreciation)
Bank of America N.A.					
1.304/6 month EUR-EURIBOR-Reuters/Jun-54 (Purchased)	Jun-24/1.304	EUR	4,782,000	\$(774,972)	\$448,374
1.053/6 month EUR-EURIBOR-Reuters/Jun-54 (Purchased)	Jun-24/1.053	EUR	5,057,900	(576,785)	429,507
2.2275/3 month USD-LIBOR-BBA/May-24 (Purchased)	May-22/2.2275		\$56,560,700	(521,772)	267,532
(1.304)/6 month EUR-EURIBOR-Reuters/Jun-54 (Purchased)	Jun-24/1.304	EUR	4,782,000	(387,486)	(123,184)
(1.053)/6 month EUR-EURIBOR-Reuters/Jun-54 (Purchased)	Jun-24/1.053	EUR	5,057,900	(576,785)	(189,081)
(2.2275)/3 month USD-LIBOR-BBA/May-24 (Purchased)	May-22/2.2275		\$56,560,700	(521,772)	(255,654)
Barclays Bank PLC					
1.11125/6 month JPY-LIBOR-BBA/Aug-43 (Purchased)	Aug-23/1.11125	JPY	264,236,800	(133,657)	232,880
(1.11125)/6 month JPY-LIBOR-BBA/Aug-43 (Purchased)	Aug-23/1.11125	JPY	264,236,800	(133,657)	(117,946)
Citibank, N.A.					
2.689/3 month USD-LIBOR-BBA/Nov-49 (Purchased)	Nov-24/2.689		\$2,064,000	(265,740)	27,885
(1.765)/3 month USD-LIBOR-BBA/Jun-25 (Purchased)	Jun-20/1.765		53,025,600	(710,543)	(87,492)
1.765/3 month USD-LIBOR-BBA/Jun-25 (Purchased)	Jun-20/1.765		53,025,600	(710,543)	(117,717)
(2.689)/3 month USD-LIBOR-BBA/Nov-49 (Purchased)	Nov-24/2.689		2,064,000	(265,740)	(126,895)
(1.746)/3 month USD-LIBOR-BBA/Sep-24 (Written)	Sep-19/1.746		53,025,600	384,436	199,376
1.746/3 month USD-LIBOR-BBA/Sep-24 (Written)	Sep-19/1.746		53,025,600	384,436	50,905

FORWARD PREMIUM SWAP OPTION CONTRACTS OUTSTANDING at 7/31/19 cont.

Counterparty Fixed right or obligation % to receive or (pay)/Floating rate index/ Maturity date	Expiration date/strike		Notional/ Contract amount	Premium receivable/ (payable)	Unrealized appreciation/ (depreciation)
Goldman Sachs International					
2.8175/3 month USD-LIBOR-BBA/ Mar-47 (Purchased)	Mar-27/2.8175		\$1,629,100	\$(205,674)	\$24,844
(1.755)/3 month USD-LIBOR-BBA/ Jun-25 (Purchased)	Jun-20/1.755		53,025,600	(713,194)	(75,296)
(2.8175)/3 month USD-LIBOR-BBA/ Mar-47 (Purchased)	Mar-27/2.8175		1,629,100	(205,674)	(92,191)
1.755/3 month USD-LIBOR-BBA/ Jun-25 (Purchased)	Jun-20/1.755		53,025,600	(713,194)	(130,973)
(1.736)/3 month USD-LIBOR-BBA/ Sep-24 (Written)	Sep-19/1.736		53,025,600	384,436	205,209
1.736/3 month USD-LIBOR-BBA/ Sep-24 (Written)	Sep-19/1.736		53,025,600	384,436	32,346
JPMorgan Chase Bank N.A.					
1.921/6 month EUR-EURIBOR- Reuters/Oct-48 (Purchased)	Oct-28/1.921	EUR	2,828,800	(361,757)	450,996
2.8325/3 month USD-LIBOR-BBA/ Feb-52 (Purchased)	Feb-22/2.8325		\$8,145,400	(1,137,301)	234,588
2.50/3 month USD-LIBOR-BBA/ Nov-39 (Purchased)	Nov-29/2.50		3,439,600	(198,809)	45,231
2.902/3 month USD-LIBOR-BBA/ Nov-49 (Purchased)	Nov-24/2.902		2,064,000	(319,094)	32,219
(2.902)/3 month USD-LIBOR-BBA/ Nov-49 (Purchased)	Nov-24/2.902		2,064,000	(221,467)	(111,766)
(2.50)/3 month USD-LIBOR-BBA/ Nov-39 (Purchased)	Nov-29/2.50		3,439,600	(357,718)	(120,317)
(1.921)/6 month EUR-EURIBOR- Reuters/Oct-48 (Purchased)	Oct-28/1.921	EUR	2,828,800	(361,757)	(232,826)
(2.8325)/3 month USD-LIBOR-BBA/ Feb-52 (Purchased)	Feb-22/2.8325		\$8,145,400	(1,137,301)	(880,437)
Morgan Stanley & Co. International PLC					
3.27/3 month USD-LIBOR-BBA/ Oct-53 (Purchased)	Oct-23/3.27		2,738,700	(312,486)	370,135
2.505/3 month USD-LIBOR-BBA/ Nov-49 (Purchased)	Nov-24/2.505		2,064,000	(222,086)	26,564
(2.505)/3 month USD-LIBOR-BBA/ Nov-49 (Purchased)	Nov-24/2.505		2,064,000	(316,205)	(146,544)
(3.27)/3 month USD-LIBOR-BBA/ Oct-53 (Purchased)	Oct-23/3.27		2,738,700	(312,486)	(225,998)
2.39/3 month USD-LIBOR-BBA/ Jun-34 (Written)	Jun-24/2.39		18,392,400	968,360	202,500
(2.39)/3 month USD-LIBOR-BBA/ Jun-34 (Written)	Jun-24/2.39		18,392,400	968,360	(65,293)
Unrealized appreciation					3,281,091
Unrealized (depreciation)					(3,099,610)
Total					\$181,481

TBA SALE COMMITMENTS OUTSTANDING at 7/31/19 (proceeds receivable \$39,686,758)

Agency	Principal amount	Settlement date	Value
Government National Mortgage Association, 4.50%, 8/1/49	\$3,000,000	8/21/19	\$3,124,453
Uniform Mortgage-Backed Securities, 4.50%, 8/1/49	8,000,000	8/13/19	8,386,875
Uniform Mortgage-Backed Securities, 3.00%, 8/1/49	28,000,000	8/13/19	28,251,564
Total			\$39,762,892

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19

Notional amount	Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
\$9,011,000	\$466,950 ^E	\$(101)	2/27/28	3 month USD-LIBOR-BBA — Quarterly	3.11% — Semiannually	\$466,849
10,713,000	524,658 ^E	(120)	3/7/28	3 month USD-LIBOR-BBA — Quarterly	3.05125% — Semiannually	524,538
4,357,000	1,112,403	(149)	11/8/48	3 month USD-LIBOR-BBA — Quarterly	3.312% — Semiannually	1,119,190
26,351,000	2,592,042	(373)	1/3/29	3.065% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(2,605,734)
14,545,700	1,458,046	(206)	3/4/29	3 month USD-LIBOR-BBA — Quarterly	3.073% — Semiannually	1,581,716
79,052,900	219,530	(39,718)	1/22/20	3 month USD-LIBOR-BBA — Quarterly	2.86% — Semiannually	186,320
2,258,100	35,800 ^E	(13)	2/2/24	3 month USD-LIBOR-BBA — Quarterly	2.5725% — Semiannually	35,787
5,844,400	87,754 ^E	(33)	2/2/24	2.528% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(87,786)
3,794,500	247,159	(50)	2/13/29	2.6785% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(273,261)
87,173,000	4,193,806	(516,094)	6/19/26	3 month USD-LIBOR-BBA — Quarterly	2.60% — Semiannually	3,690,314
12,234,100	286,058 ^E	(2,476)	12/2/23	3 month USD-LIBOR-BBA — Quarterly	2.536% — Semiannually	283,582
4,229,500	66,856 ^E	(723)	2/2/24	3 month USD-LIBOR-BBA — Quarterly	2.57% — Semiannually	66,133
1,191,046	92,499 ^E	(17)	3/5/30	3 month USD-LIBOR-BBA — Quarterly	2.806% — Semiannually	92,482

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount	Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
\$3,175,800	\$200,469 ^E	\$(45)	3/16/30	2.647% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	\$(200,514)
47,869,000	1,516,203 ^E	(44,811)	3/21/29	3 month USD-LIBOR-BBA — Quarterly	2.776% — Semiannually	1,471,392
2,450,500	244,109 ^E	(84)	3/28/52	2.67% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(244,193)
7,620,100	82,739 ^E	(42)	2/2/24	3 month USD-LIBOR-BBA — Quarterly	2.3075% — Semiannually	82,697
11,185,500	123,879 ^E	(62)	2/9/24	3 month USD-LIBOR-BBA — Quarterly	2.32% — Semiannually	123,817
2,997,900	346,138 ^E	(102)	11/29/53	2.793% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(346,240)
13,309,100	1,426,988	(160,163)	6/12/49	3 month USD-LIBOR-BBA — Quarterly	2.647% — Semiannually	1,269,752
2,948,300	288,465	(101)	6/12/49	2.6059% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(289,048)
1,672,800	148,060	(57)	6/12/49	2.565% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(148,298)
2,404,600	197,194	(82)	6/12/49	2.5365% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(197,443)
2,352,400	210,356	(80)	6/12/49	3 month USD-LIBOR-BBA — Quarterly	2.569% — Semiannually	210,544
2,875,100	236,106	(98)	6/12/49	2.537% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(236,406)
2,666,000	216,804	(91)	6/12/49	2.5335% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(217,070)
2,195,500	155,751	(75)	6/12/49	2.488% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(155,833)
10,498,400	487,756	143,995	7/2/49	2.38% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(343,593)
20,996,700	543,836	(147,693)	7/2/49	3 month USD-LIBOR-BBA — Quarterly	2.29% — Semiannually	394,284

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 *cont.*

Notional amount	Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
\$899,100	\$25,012	\$(31)	6/12/49	2.299% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	\$(24,815)
1,995,000	26,597 ^E	(44)	11/20/39	3 month USD-LIBOR-BBA — Quarterly	2.55% — Semiannually	26,553
7,072,400	124,057 ^E	(100)	12/7/30	2.184% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(124,157)
20,996,700	220,822	141,449	7/17/29	2.065% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(76,084)
1,023,600	20,249	(35)	7/17/49	2.263% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(20,202)
1,417,300	7,291	(48)	7/17/49	2.199% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(7,191)
28,762,000	131,212 ^E	46,487	9/18/29	2.00% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(84,724)
31,427,000	86,141 ^E	55,564	9/18/24	3 month USD-LIBOR-BBA — Quarterly	1.75% — Semiannually	(30,578)
1,259,800	21,752	(43)	7/17/49	3 month USD-LIBOR-BBA — Quarterly	2.252% — Semiannually	21,603
4,598,100	28,830 ^E	(52)	6/5/29	3 month USD-LIBOR-BBA — Quarterly	2.2225% — Semiannually	28,778
384,600	7,555 ^E	(13)	6/22/52	2.3075% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(7,569)
8,603,800	77,176 ^E	(122)	6/22/30	2.0625% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(77,298)
1,732,200	6,931	(59)	7/17/49	2.194% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(6,805)
1,333,300	19,666	(45)	7/17/49	3 month USD-LIBOR-BBA — Quarterly	2.241% — Semiannually	19,503
525,775,000	1,937,481 ^E	622,890	9/18/21	1.70% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	2,559,703
202,280,000	71,607 ^E	1,208,925	9/18/24	1.80% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	1,280,532

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount	Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
\$3,623,000	\$61,616 ^E	\$62,791	9/18/49	2.25% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	\$1,175
164,434,900	1,504,086 ^E	(2,047,817)	9/18/29	3 month USD-LIBOR-BBA — Quarterly	2.05% — Semiannually	(543,728)
8,219,000	2,679	(109)	6/26/29	1.9451% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	6,202
8,219,000	2,901	(109)	6/26/29	1.9448% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	6,426
1,679,700	2,879	(57)	7/17/49	2.184% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(2,751)
1,049,800	12,604	(36)	7/17/49	3 month USD-LIBOR-BBA — Quarterly	2.229% — Semiannually	12,471
1,732,200	4,850	(59)	7/17/49	2.18875% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(4,721)
2,293,600	241 ^E	(32)	7/6/30	1.9665% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(273)
1,815,900	12,749 ^E	(62)	7/5/52	2.25% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(12,811)
32,341,000	91,234	(122)	7/5/21	3 month USD-LIBOR-BBA — Quarterly	1.78913% — Semiannually	(105,076)
32,341,000	90,943	(122)	7/5/21	3 month USD-LIBOR-BBA — Quarterly	1.7896% — Semiannually	(104,774)
32,341,000	91,848	(122)	7/5/21	3 month USD-LIBOR-BBA — Quarterly	1.78813% — Semiannually	(105,714)
1,049,800	13,084	(36)	7/17/49	3 month USD-LIBOR-BBA — Quarterly	2.231% — Semiannually	12,951
8,562,000	428	(69)	7/12/24	1.82% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	3,263
3,936,900	122,445	(134)	7/17/49	3 month USD-LIBOR-BBA — Quarterly	2.3125% — Semiannually	122,074
9,055,000	20,591	(73)	7/15/24	1.8675% — Semiannually	3 month USD-LIBOR-BBA — Quarterly	(18,331)

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

	Notional amount	Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
	\$20,185,000	\$14,816	\$(76)	7/16/21	1.9002% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	\$19,591
	1,989,000	22,583	(26)	7/16/29	3 month USD- LIBOR-BBA — Quarterly	2.0745% — Semiannually	22,223
	8,584,000	15,546	(69)	7/16/24	1.8585% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(13,403)
	1,044,600	24,247	(36)	7/17/49	2.278% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(24,206)
	8,091,900	63,610	(107)	7/17/29	3 month USD- LIBOR-BBA — Quarterly	2.036% — Semiannually	62,144
	9,188,000	6,946	(74)	7/17/24	1.8355% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(4,761)
	8,319,000	21,014	(67)	7/18/24	1.8725% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(19,267)
	14,103,100	226 ^E	(79)	2/7/24	1.733% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(304)
	2,173,400	7,566 ^E	(31)	1/22/31	2.035% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(7,596)
	6,866,200	74,217 ^E	(234)	7/22/52	2.2685% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	(74,451)
	8,827,000	15,897	(71)	7/24/24	1.781% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	17,247
	15,051,000	19,325	(122)	7/25/24	1.7915% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	21,369
	9,100,000	13,923	(74)	8/2/24	1.7855% — Semiannually	3 month USD- LIBOR-BBA — Quarterly	13,849
AUD	38,533,000	272,072 ^E	44,991	9/18/24	1.25% — Semiannually	6 month AUD- BBR-BBSW — Semiannually	(227,081)
AUD	23,740,000	281,329 ^E	(137,873)	9/18/29	6 month AUD- BBR-BBSW — Semiannually	1.60% — Semiannually	143,456
CAD	58,638,000	354,369 ^E	(29,598)	9/18/24	1.65% — Semiannually	3 month CAD- BA-CDOR — Semiannually	324,771

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount		Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
CAD	17,473,000	\$144,505 ^E	\$(67,953)	9/18/29	1.80% — Semiannually	3 month CAD-BA-CDOR — Semiannually	\$76,551
CHF	23,906,000	200,829 ^E	(93)	9/21/21	—	0.046% plus 6 month CHF-LIBOR-BBA — Semiannually	(200,922)
CHF	7,152,000	8,838 ^E	(18,409)	9/18/24	—	0.70% plus 6 month CHF-LIBOR-BBA — Semiannually	(27,247)
CHF	28,312,000	104,446 ^E	205,481	9/18/29	0.30% plus 6 month CHF-LIBOR-BBA — Semiannually	—	309,926
CZK	215,585,000	400,893	(125)	3/19/29	1.948% — Annually	6 month CZK-PRIBOR — Semiannually	(396,320)
EUR	7,933,000	689,646 ^E	(67)	10/27/27	1.61375% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(689,713)
EUR	7,207,000	686,727 ^E	(99)	2/27/28	1.815% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(686,827)
EUR	21,457,000	198,432 ^E	(94)	9/21/21	6 month EUR-EURIBOR-REUTERS — Semiannually	0.354% — Annually	198,338
EUR	1,144,400	270,088 ^E	(44)	11/29/58	1.484% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(270,131)
EUR	1,556,300	399,683 ^E	(60)	2/19/50	6 month EUR-EURIBOR-REUTERS — Semiannually	1.354% — Annually	399,623
EUR	1,719,000	392,109 ^E	(66)	3/11/50	1.267% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(392,175)
EUR	1,739,200	365,758 ^E	(66)	3/12/50	1.2115% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(365,824)
EUR	26,275,000	1,187,715 ^E	(334)	3/21/29	1.104% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(1,188,049)

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount		Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
EUR	2,008,000	\$357,882 ^E	\$(77)	3/26/50	1.113% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	\$(357,959)
EUR	1,798,800	346,977 ^E	(68)	11/29/58	6 month EUR-EURIBOR-REUTERS — Semiannually	1.343% — Annually	346,909
EUR	2,077,000	331,488 ^E	(79)	2/19/50	1.051% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(331,567)
EUR	1,655,300	192,213 ^E	(63)	6/7/54	1.054% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(192,277)
EUR	1,510,500	169,590 ^E	(58)	2/19/50	0.9035% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(169,648)
EUR	38,786,000	177,326 ^E	80,737	9/18/24	—	0.25% plus 6 month EUR-EURIBOR-REUTERS — Semiannually	(96,588)
EUR	51,282,000	1,001,806 ^E	111,940	9/18/29	6 month EUR-EURIBOR-REUTERS — Semiannually	0.20% — Annually	1,113,746
EUR	904,900	71,468 ^E	(35)	2/21/50	0.80% — Annually	6 month EUR-EURIBOR-REUTERS — Semiannually	(71,502)
GBP	21,373,000	215,731 ^E	(8,375)	9/18/24	6 month GBP-LIBOR-BBA — Semiannually	0.85% — Semiannually	207,356
GBP	27,259,000	493,797 ^E	(2,799)	9/18/29	6 month GBP-LIBOR-BBA — Semiannually	1.00% — Semiannually	490,998
JPY	110,098,700	68,650 ^E	(32)	8/29/43	0.7495% — Semiannually	6 month JPY-LIBOR-BBA — Semiannually	(68,682)
NOK	447,000	596 ^E	(263)	9/18/24	1.50% — Annually	6 month NOK-NIBOR-NIBR — Semiannually	333
NOK	55,581,000	49,777 ^E	31,534	9/18/29	6 month NOK-NIBOR-NIBR — Semiannually	1.70% — Annually	(18,244)

CENTRALLY CLEARED INTEREST RATE SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount		Value	Upfront premium received (paid)	Termination date	Payments made by fund	Payments received by fund	Unrealized appreciation/ (depreciation)
NOK	133,879,000	\$8,284	\$(127)	7/1/24	1.735% — Annually	6 month NOK-NIBOR-NIBR — Semiannually	\$8,493
NOK	70,225,000	28,814	(109)	7/1/29	6 month NOK-NIBOR-NIBR — Semiannually	1.82% — Annually	32,866
NZD	15,746,000	257,881 ^E	(120)	3/28/29	2.524% — Semiannually	3 month NZD-BBR-FRA — Quarterly	(258,001)
NZD	31,602,000	148,237 ^E	2,258	9/18/24	1.45% — Semiannually	3 month NZD-BBR-FRA — Quarterly	(145,979)
NZD	15,063,000	132,580 ^E	3,145	9/18/29	3 month NZD-BBR-FRA — Quarterly	1.80% — Semiannually	135,725
SEK	36,591,000	274,939	(31)	11/10/27	3 month SEK-STIBOR-SIDE — Quarterly	1.13% — Annually	307,463
SEK	36,591,000	284,418	(31)	11/13/27	3 month SEK-STIBOR-SIDE — Quarterly	1.16% — Annually	317,614
SEK	36,591,000	283,638	(31)	11/13/27	3 month SEK-STIBOR-SIDE — Quarterly	1.1575% — Annually	316,763
SEK	121,493,000	69,956 ^E	(6,514)	9/18/24	0.10% — Annually	3 month SEK-STIBOR-SIDE — Quarterly	(76,471)
SEK	163,399,000	333,436 ^E	(78,245)	9/18/29	3 month SEK-STIBOR-SIDE — Quarterly	0.60% — Annually	255,191
Total			\$(554,027)				\$7,764,960

^E Extended effective date.

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termination date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Barclays Bank PLC						
\$1,072,974	\$1,073,455	\$—	1/12/40	4.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 4.00% 30 year Fannie Mae pools — Monthly	\$1,231
181,929	182,010	—	1/12/40	4.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 4.00% 30 year Fannie Mae pools — Monthly	209

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Barclays Bank PLC cont.						
\$128,518	\$128,576	\$—	1/12/40	4.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 4.00% 30 year Fannie Mae pools — Monthly	\$147
843,903	845,886	—	1/12/40	4.50% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 4.50% 30 year Fannie Mae pools — Monthly	2,756
13,796,718	13,842,601	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Fannie Mae pools — Monthly	61,415
1,623,237	1,634,051	—	1/12/40	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Fannie Mae pools — Monthly	12,648
215,714	215,683	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Ginnie Mae II pools — Monthly	217
482,297	482,697	—	1/12/39	(6.00%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.00% 30 year Fannie Mae pools — Monthly	(1,119)
8,260,599	8,270,531	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(23,286)
147,930	143,109	—	1/12/43	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(3,516)
97,375	93,906	—	1/12/42	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(2,532)
492,906	478,680	—	1/12/41	(4.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	9,222
349,491	343,871	—	1/12/41	(5.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 5.00% 30 year Fannie Mae pools — Monthly	1,560
129,130	128,371	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 5.00% 30 year Ginnie Mae II pools — Monthly	673

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Barclays Bank PLC cont.						
\$98,580	\$98,001	\$—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 5.00% 30 year Ginnie Mae II pools — Monthly	\$514
77,734	77,277	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 5.00% 30 year Ginnie Mae II pools — Monthly	405
90,363	88,392	—	1/12/39	6.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.00% 30 year Fannie Mae pools — Monthly	(949)
185,740	181,572	—	1/12/38	6.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.50% 30 year Fannie Mae pools — Monthly	(2,066)
26,653	26,055	—	1/12/38	6.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.50% 30 year Fannie Mae pools — Monthly	(296)
12,547	12,266	—	1/12/38	6.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.50% 30 year Fannie Mae pools — Monthly	(140)
Citibank, N.A.						
1,847,672	1,853,816	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Fannie Mae pools — Monthly	8,225
812,052	814,752	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Fannie Mae pools — Monthly	3,615
282,232	283,170	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Fannie Mae pools — Monthly	1,256
Credit Suisse International						
615,891	617,939	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Fannie Mae pools — Monthly	2,742
220,086	218,793	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic MBX Index 5.00% 30 year Ginnie Mae II pools — Monthly	1,148

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Credit Suisse International cont.						
\$607,578	\$608,308	\$—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	\$(1,713)
234,887	231,371	—	1/12/45	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(1,227)
174,121	168,447	—	1/12/43	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(4,138)
90,898	87,187	—	1/12/44	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(2,916)
47,983	46,419	—	1/12/43	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(1,140)
27,449	26,554	—	1/12/43	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(652)
10,360	9,937	—	1/12/44	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(332)
681,881	668,690	—	1/12/45	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(6,339)
244,517	239,787	—	1/12/45	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(2,273)
126,671	123,015	—	1/12/41	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(2,370)
10,152	9,859	—	1/12/41	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(190)
441,223	428,488	—	1/12/41	(4.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	8,255

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Credit Suisse International cont.						
\$213,969	\$210,528	\$—	1/12/41	(5.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 5.00% 30 year Fannie Mae pools — Monthly	\$955
234,845	231,069	—	1/12/41	(5.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 5.00% 30 year Fannie Mae pools — Monthly	1,048
206,091	204,880	—	1/12/41	5.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 5.00% 30 year Ginnie Mae II pools — Monthly	1,075
Deutsche Bank AG						
607,578	608,308	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(1,713)
Goldman Sachs International						
24,941	24,971	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(70)
66,530	66,610	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(188)
144,573	144,747	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(408)
271,284	271,610	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(765)
325,510	325,901	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(918)
384,840	385,303	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(1,085)
527,226	527,860	—	1/12/38	(6.50%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 6.50% 30 year Fannie Mae pools — Monthly	(1,486)

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Goldman Sachs International cont.						
\$331,876	\$327,790	\$—	1/12/44	(3.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 3.00% 30 year Fannie Mae pools — Monthly	\$1,338
439,283	421,353	—	1/12/44	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(14,092)
347,967	333,765	—	1/12/44	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(11,163)
183,633	176,138	—	1/12/44	3.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	(5,891)
298,094	288,380	—	1/12/43	(3.50%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	7,085
849,969	833,527	—	1/12/45	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(7,902)
549,929	530,337	—	1/12/42	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(14,300)
475,915	458,960	—	1/12/42	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(12,375)
242,640	237,946	—	1/12/45	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(2,256)
241,604	232,996	—	1/12/42	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(6,283)
241,604	232,996	—	1/12/42	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(6,283)
138,493	135,723	—	1/12/40	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(1,325)

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
Goldman Sachs International cont.						
\$778,188	\$755,728	\$—	1/12/41	(4.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	\$14,559
334,982	329,596	—	1/12/41	(5.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 5.00% 30 year Fannie Mae pools — Monthly	1,495
131,876	128,999	—	1/12/39	6.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.00% 30 year Fannie Mae pools — Monthly	(1,385)
127,388	124,608	—	1/12/39	6.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.00% 30 year Fannie Mae pools — Monthly	(1,338)
63,697	62,307	—	1/12/39	6.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.00% 30 year Fannie Mae pools — Monthly	(669)
63,311	61,929	—	1/12/39	6.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.00% 30 year Fannie Mae pools — Monthly	(665)
9,522	9,314	—	1/12/39	6.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.00% 30 year Fannie Mae pools — Monthly	(100)
58,434	57,123	—	1/12/38	6.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.50% 30 year Fannie Mae pools — Monthly	(650)
4,204	4,109	—	1/12/38	6.50% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 6.50% 30 year Fannie Mae pools — Monthly	(47)
JPMorgan Chase Bank N.A.						
681,545	661,874	—	1/12/41	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(12,751)
395,439	384,026	—	1/12/41	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(7,398)
367,059	356,465	—	1/12/41	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(6,867)

OTC TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Swap counterparty/ Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
JPMorgan Chase Bank N.A. cont.						
\$131,450	\$127,656	\$—	1/12/41	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	\$(2,459)
334,982	329,596	—	1/12/41	(5.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 5.00% 30 year Fannie Mae pools — Monthly	1,495
JPMorgan Securities LLC						
476,640	473,839	—	1/12/41	(5.00%) 1 month USD-LIBOR — Monthly	Synthetic MBX Index 5.00% 30 year Ginnie Mae II pools — Monthly	(2,486)
99,388	96,149	—	1/12/43	(3.50%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	2,362
1,072,141	1,028,380	—	1/12/44	(3.50%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 3.50% 30 year Fannie Mae pools — Monthly	34,394
413,174	398,513	—	1/12/44	4.00% (1 month USD-LIBOR) — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	(10,703)
1,606,427	1,549,194	—	1/12/42	(4.00%) 1 month USD-LIBOR — Monthly	Synthetic TRS Index 4.00% 30 year Fannie Mae pools — Monthly	41,774
Upfront premium received		—		Unrealized appreciation		223,818
Upfront premium (paid)		—		Unrealized (depreciation)		(193,215)
Total		\$—		Total		\$30,603

CENTRALLY CLEARED TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19

Notional amount	Value	Upfront premium received (paid)	Termina- tion date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
EUR 17,671,000	\$1,814,826	\$—	7/15/37	1.71% — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	\$1,814,825
EUR 11,045,000	1,108,679	(264)	8/15/37	1.7138% — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	1,108,412

CENTRALLY CLEARED TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount		Value	Upfront premium received (paid)	Termination date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
EUR	14,401,000	\$362,599	\$(169)	9/15/23	(1.4375%) — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	\$(362,767)
EUR	11,045,000	363,699	(142)	8/15/27	(1.4275%) — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	(363,841)
EUR	14,401,000	365,835	(169)	9/15/23	(1.44125%) — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	(366,003)
EUR	14,401,000	366,919	(170)	9/15/23	(1.4425%) — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	(367,089)
EUR	14,401,000	368,003	(170)	9/15/23	(1.44375%) — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	(368,173)
EUR	17,671,000	570,422	—	7/15/27	(1.40%) — At maturity	Eurostat Eurozone HICP excluding tobacco — At maturity	(570,422)
GBP	8,846,000	19,353	(189)	12/15/28	3.665% — At maturity	GBP Non-revised UK Retail Price Index — At maturity	19,164
GBP	2,661,000	2,971	(140)	7/15/49	(3.4425%) — At maturity	GBP Non-revised UK Retail Price Index — At maturity	(3,111)
GBP	2,477,000	91,974	(58)	3/15/28	3.3875% — At maturity	GBP Non-revised UK Retail Price Index — At maturity	(92,032)
GBP	5,308,000	212,300	(124)	2/15/28	3.34% — At maturity	GBP Non-revised UK Retail Price Index — At maturity	(212,424)
GBP	6,900,000	240,010	(160)	3/15/28	3.4025% — At maturity	GBP Non-revised UK Retail Price Index — At maturity	(240,170)
GBP	9,908,000	441,323	(234)	3/15/28	3.34% — At maturity	GBP Non-revised UK Retail Price Index — At maturity	(441,557)
	\$7,952,000	186,085	(86)	12/6/27	2.19% — At maturity	USA Non Revised Consumer Price Index-Urban (CPI-U) — At maturity	185,999

CENTRALLY CLEARED TOTAL RETURN SWAP CONTRACTS OUTSTANDING at 7/31/19 cont.

Notional amount	Value	Upfront premium received (paid)	Termination date	Payments received (paid) by fund	Total return received by or paid by fund	Unrealized appreciation/ (depreciation)
\$7,952,000	\$185,409	\$(86)	12/21/27	2.1939% — At maturity	USA Non Revised Consumer Price Index-Urban (CPI-U) — At maturity	\$185,323
8,217,000	58,094	—	7/5/27	2.05% — At maturity	USA Non Revised Consumer Price Index-Urban (CPI-U) — At maturity	58,094
8,217,000	17,971	—	7/5/22	(1.89%) — At maturity	USA Non Revised Consumer Price Index-Urban (CPI-U) — At maturity	17,971
7,952,000	66,121	(49)	12/6/22	(2.05%) — At maturity	USA Non Revised Consumer Price Index-Urban (CPI-U) — At maturity	(66,169)
7,952,000	70,232	(49)	12/21/22	(2.068%) — At maturity	USA Non Revised Consumer Price Index-Urban (CPI-U) — At maturity	(70,281)
Total		\$(2,259)				\$(134,251)

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19

Swap counterparty/ Referenced debt [*]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
Bank of America N.A.							
CMBX NA BBB-.6 Index	BBB-/P	\$9,980	\$146,000	\$13,724	5/11/63	300 bp — Monthly	\$(3,659)
CMBX NA BBB-.6 Index	BBB-/P	19,586	325,000	30,550	5/11/63	300 bp — Monthly	(10,775)
CMBX NA BBB-.6 Index	BBB-/P	40,127	650,000	61,100	5/11/63	300 bp — Monthly	(20,593)
CMBX NA BBB-.6 Index	BBB-/P	38,247	671,000	63,074	5/11/63	300 bp — Monthly	(24,436)
Citigroup Global Markets, Inc.							
CMBX NA BBB-.6 Index	BBB-/P	1,141	8,000	752	5/11/63	300 bp — Monthly	394
CMBX NA BBB-.6 Index	BBB-/P	9,654	68,000	6,392	5/11/63	300 bp — Monthly	3,301
CMBX NA BB.6 Index	BB/P	1,470	7,000	1,348	5/11/63	500 bp — Monthly	129

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19 cont.

Swap counterparty/ Referenced debt [†]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
Citigroup Global Markets, Inc. cont.							
CMBX NA BB.6 Index	BB/P	\$175,851	\$928,000	\$178,640	5/11/63	500 bp — Monthly	\$(1,887)
CMBX NA BB.6 Index	BB/P	317,017	1,288,000	247,940	5/11/63	500 bp — Monthly	70,329
CMBX NA BB.7 Index	BB/P	41,933	302,000	28,992	1/17/47	500 bp — Monthly	13,235
CMBX NA BB.7 Index	BB/P	81,233	632,000	60,672	1/17/47	500 bp — Monthly	21,175
CMBX NA BB.7 Index	BB/P	105,809	876,000	84,096	1/17/47	500 bp — Monthly	22,564
CMBX NA BBB-.6 Index	BBB-/P	382	4,000	376	5/11/63	300 bp — Monthly	8
CMBX NA BBB-.6 Index	BBB-/P	2,230	21,000	1,974	5/11/63	300 bp — Monthly	268
CMBX NA BBB-.6 Index	BBB-/P	2,251	21,000	1,974	5/11/63	300 bp — Monthly	289
CMBX NA BBB-.6 Index	BBB-/P	5,733	58,000	5,452	5/11/63	300 bp — Monthly	315
CMBX NA BBB-.6 Index	BBB-/P	10,023	105,000	9,870	5/11/63	300 bp — Monthly	215
CMBX NA BBB-.6 Index	BBB-/P	12,704	110,000	10,340	5/11/63	300 bp — Monthly	2,428
CMBX NA BBB-.6 Index	BBB-/P	19,220	168,000	15,792	5/11/63	300 bp — Monthly	3,526
CMBX NA BBB-.6 Index	BBB-/P	19,311	190,000	17,860	5/11/63	300 bp — Monthly	1,562
CMBX NA BBB-.6 Index	BBB-/P	22,001	200,000	18,800	5/11/63	300 bp — Monthly	3,318
CMBX NA BBB-.6 Index	BBB-/P	22,438	210,000	19,740	5/11/63	300 bp — Monthly	2,820
CMBX NA BBB-.6 Index	BBB-/P	23,348	234,000	21,996	5/11/63	300 bp — Monthly	1,489
CMBX NA BBB-.6 Index	BBB-/P	24,945	251,000	23,594	5/11/63	300 bp — Monthly	1,497
CMBX NA BBB-.6 Index	BBB-/P	33,001	300,000	28,200	5/11/63	300 bp — Monthly	4,976
CMBX NA BBB-.6 Index	BBB-/P	40,862	365,000	34,310	5/11/63	300 bp — Monthly	6,765
CMBX NA BBB-.6 Index	BBB-/P	51,837	502,000	47,188	5/11/63	300 bp — Monthly	4,942
CMBX NA BBB-.6 Index	BBB-/P	53,507	574,000	54,013	5/11/63	300 bp — Monthly	(507)
CMBX NA BBB-.6 Index	BBB-/P	77,334	701,000	65,894	5/11/63	300 bp — Monthly	11,849
CMBX NA BBB-.6 Index	BBB-/P	218,669	1,489,000	139,966	5/11/63	300 bp — Monthly	79,572

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19 cont.

Swap counterparty/ Referenced debt [†]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
Credit Suisse International							
CMBX NA BBB-7 Index	BB/P	\$63,938	\$478,000	\$45,888	1/17/47	500 bp — Monthly	\$18,514
CMBX NA BBB-6 Index	BBB-/P	108,504	982,000	92,308	5/11/63	300 bp — Monthly	16,769
CMBX NA BBB-6 Index	BBB-/P	251,482	2,276,000	213,944	5/11/63	300 bp — Monthly	38,866
CMBX NA BBB-6 Index	BBB-/P	2,374,619	25,272,000	2,378,095	5/11/63	300 bp — Monthly	(3,476)
CMBX NA BBB-7 Index	BBB-/P	27,745	351,000	8,213	1/17/47	300 bp — Monthly	19,736
CMBX NA BBB-7 Index	BBB-/P	143,170	2,180,000	51,012	1/17/47	300 bp — Monthly	93,430
CMBX NA BBB-7 Index	BBB-/P	645,055	8,727,000	204,212	1/17/47	300 bp — Monthly	445,934
Goldman Sachs International							
CMBX NA BBB-6 Index	BBB-/P	14,630	88,000	8,272	5/11/63	300 bp — Monthly	6,409
CMBX NA BBB-6 Index	BBB-/P	20,235	183,000	17,202	5/11/63	300 bp — Monthly	3,140
CMBX NA BBB-6 Index	BBB-/P	25,594	188,000	17,672	5/11/63	300 bp — Monthly	8,031
CMBX NA BBB-6 Index	BBB-/P	9,360	192,000	18,048	5/11/63	300 bp — Monthly	(8,576)
CMBX NA BBB-6 Index	BBB-/P	21,361	203,000	19,082	5/11/63	300 bp — Monthly	2,398
CMBX NA BBB-6 Index	BBB-/P	17,848	206,000	19,364	5/11/63	300 bp — Monthly	(1,396)
CMBX NA BBB-6 Index	BBB-/P	24,541	223,000	20,962	5/11/63	300 bp — Monthly	3,709
CMBX NA BBB-6 Index	BBB-/P	17,962	227,000	21,338	5/11/63	300 bp — Monthly	(3,244)
CMBX NA BBB-6 Index	BBB-/P	27,421	245,000	23,030	5/11/63	300 bp — Monthly	4,534
CMBX NA BBB-6 Index	BBB-/P	29,178	261,000	24,534	5/11/63	300 bp — Monthly	4,797
CMBX NA BBB-6 Index	BBB-/P	24,979	296,000	27,824	5/11/63	300 bp — Monthly	(2,673)
CMBX NA BBB-6 Index	BBB-/P	37,886	326,000	30,644	5/11/63	300 bp — Monthly	7,432
CMBX NA BBB-6 Index	BBB-/P	39,813	327,000	30,738	5/11/63	300 bp — Monthly	9,266
CMBX NA BBB-6 Index	BBB-/P	58,232	389,000	36,566	5/11/63	300 bp — Monthly	21,893
CMBX NA BBB-6 Index	BBB-/P	57,641	392,000	36,848	5/11/63	300 bp — Monthly	21,022
CMBX NA BBB-6 Index	BBB-/P	44,904	403,000	37,882	5/11/63	300 bp — Monthly	7,257

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19 cont.

Swap counterparty/ Referenced debt [†]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
Goldman Sachs International cont.							
CMBX NA BBB-.6 Index	BBB-/P	\$34,559	\$417,000	\$39,198	5/11/63	300 bp — Monthly	\$(4,395)
CMBX NA BBB-.6 Index	BBB-/P	45,228	418,000	39,292	5/11/63	300 bp — Monthly	6,180
CMBX NA BBB-.6 Index	BBB-/P	45,403	418,000	39,292	5/11/63	300 bp — Monthly	6,355
CMBX NA BBB-.6 Index	BBB-/P	37,046	439,000	41,266	5/11/63	300 bp — Monthly	(3,964)
CMBX NA BBB-.6 Index	BBB-/P	51,553	462,000	43,428	5/11/63	300 bp — Monthly	8,394
CMBX NA BBB-.6 Index	BBB-/P	51,553	462,000	43,428	5/11/63	300 bp — Monthly	8,394
CMBX NA BBB-.6 Index	BBB-/P	73,722	531,000	49,914	5/11/63	300 bp — Monthly	24,118
CMBX NA BBB-.6 Index	BBB-/P	48,875	566,000	53,204	5/11/63	300 bp — Monthly	(3,999)
CMBX NA BBB-.6 Index	BBB-/P	86,808	576,000	54,144	5/11/63	300 bp — Monthly	33,000
CMBX NA BBB-.6 Index	BBB-/P	59,933	597,000	56,118	5/11/63	300 bp — Monthly	4,163
CMBX NA BBB-.6 Index	BBB-/P	31,646	638,000	59,972	5/11/63	300 bp — Monthly	(27,953)
CMBX NA BBB-.6 Index	BBB-/P	34,009	652,000	61,288	5/11/63	300 bp — Monthly	(26,899)
CMBX NA BBB-.6 Index	BBB-/P	76,544	707,000	66,458	5/11/63	300 bp — Monthly	10,498
CMBX NA BBB-.6 Index	BBB-/P	69,759	928,000	87,232	5/11/63	300 bp — Monthly	(16,932)
CMBX NA BBB-.6 Index	BBB-/P	134,739	961,000	90,334	5/11/63	300 bp — Monthly	44,966
CMBX NA BBB-.6 Index	BBB-/P	124,607	1,193,000	112,142	5/11/63	300 bp — Monthly	13,161
CMBX NA BBB-.6 Index	BBB-/P	155,880	1,414,000	132,916	5/11/63	300 bp — Monthly	23,789
CMBX NA BBB-.6 Index	BBB-/P	184,707	1,551,000	145,794	5/11/63	300 bp — Monthly	39,818
CMBX NA BBB-.6 Index	BBB-/P	93,617	1,935,000	181,890	5/11/63	300 bp — Monthly	(87,145)
CMBX NA BBB-.6 Index	BBB-/P	320,704	2,144,000	201,536	5/11/63	300 bp — Monthly	120,419
CMBX NA BBB-.7 Index	BBB-/P	46,909	673,000	15,748	1/17/47	300 bp — Monthly	31,553
CMBX NA BBB-.7 Index	BBB-/P	107,990	1,461,000	34,187	1/17/47	300 bp — Monthly	74,654

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19 cont.

Swap counterparty/ Referenced debt [†]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
JPMorgan Securities LLC							
CMBX NA BB.6 Index	BB/P	\$79,440	\$375,000	\$72,188	5/11/63	500 bp— Monthly	\$7,617
CMBX NA BB.6 Index	BB/P	86,142	407,000	78,348	5/11/63	500 bp— Monthly	8,190
CMBX NA BB.6 Index	BB/P	109,255	519,000	99,908	5/11/63	500 bp— Monthly	9,852
CMBX NA BBB-.6 Index	BBB-/P	16,167	162,000	15,228	5/11/63	300 bp— Monthly	1,034
CMBX NA BBB-.6 Index	BBB-/P	22,052	221,000	20,774	5/11/63	300 bp— Monthly	1,407
CMBX NA BBB-.6 Index	BBB-/P	5,799,122	43,835,000	4,120,490	5/11/63	300 bp— Monthly	1,705,918
Merrill Lynch International							
CMBX NA BBB-.6 Index	BBB-/P	14,810	154,000	14,476	5/11/63	300 bp— Monthly	360
CMBX NA BBB-.6 Index	BBB-/P	399,203	4,046,000	380,324	5/11/63	300 bp— Monthly	21,239
Morgan Stanley & Co. International PLC							
CMBX NA BBB-.6 Index	BBB-/P	32,411	230,000	21,620	5/11/63	300 bp— Monthly	10,925
CMBX NA BBB-.6 Index	BBB-/P	86,440	584,000	54,896	5/11/63	300 bp— Monthly	31,885
CMBX NA BBB-.6 Index	BBB-/P	86,313	584,000	54,896	5/11/63	300 bp— Monthly	31,757
CMBX NA BBB-.6 Index	BBB-/P	85,231	585,000	54,990	5/11/63	300 bp— Monthly	30,582
CMBX NA BBB-.6 Index	BBB-/P	172,880	1,168,000	109,792	5/11/63	300 bp— Monthly	63,769
CMBX NA BBB-.6 Index	BBB-/P	173,042	1,168,000	109,792	5/11/63	300 bp— Monthly	63,931
CMBX NA BBB-.6 Index	BBB-/P	171,233	1,171,000	110,074	5/11/63	300 bp— Monthly	61,842
CMBX NA BBB-.6 Index	BBB-/P	212,053	1,533,000	144,102	5/11/63	300 bp— Monthly	68,845
CMBX NA BBB-.6 Index	BBB-/P	258,148	1,753,000	164,782	5/11/63	300 bp— Monthly	94,388
CMBX NA BBB-.6 Index	BBB-/P	255,855	1,756,000	165,064	5/11/63	300 bp— Monthly	91,815
CMBX NA BBB-.6 Index	BBB-/P	344,982	2,337,000	219,678	5/11/63	300 bp— Monthly	126,667
CMBX NAA.6 Index	A/P	61	6,000	7	5/11/63	200 bp— Monthly	70
CMBX NA BB.6 Index	BB/P	101,667	414,000	79,695	5/11/63	500 bp— Monthly	22,374
CMBX NA BB.6 Index	BB/P	204,028	828,000	159,390	5/11/63	500 bp— Monthly	45,443

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19 cont.

Swap counterparty/ Referenced debt [†]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
Morgan Stanley & Co. International PLC cont.							
CMBX NA BBB-.6 Index	BBB-/P	\$620	\$5,000	\$470	5/11/63	300 bp — Monthly	\$153
CMBX NA BBB-.6 Index	BBB-/P	1,175	11,000	1,034	5/11/63	300 bp — Monthly	148
CMBX NA BBB-.6 Index	BBB-/P	2,117	20,000	1,880	5/11/63	300 bp — Monthly	248
CMBX NA BBB-.6 Index	BBB-/P	3,029	25,000	2,350	5/11/63	300 bp — Monthly	694
CMBX NA BBB-.6 Index	BBB-/P	4,605	38,000	3,572	5/11/63	300 bp — Monthly	1,055
CMBX NA BBB-.6 Index	BBB-/P	5,923	50,000	4,700	5/11/63	300 bp — Monthly	1,252
CMBX NA BBB-.6 Index	BBB-/P	8,313	65,000	6,110	5/11/63	300 bp — Monthly	2,241
CMBX NA BBB-.6 Index	BBB-/P	12,211	94,000	8,836	5/11/63	300 bp — Monthly	3,430
CMBX NA BBB-.6 Index	BBB-/P	9,936	104,000	9,776	5/11/63	300 bp — Monthly	221
CMBX NA BBB-.6 Index	BBB-/P	13,353	109,000	10,246	5/11/63	300 bp — Monthly	3,171
CMBX NA BBB-.6 Index	BBB-/P	18,054	141,000	13,254	5/11/63	300 bp — Monthly	4,882
CMBX NA BBB-.6 Index	BBB-/P	18,684	164,000	15,416	5/11/63	300 bp — Monthly	3,363
CMBX NA BBB-.6 Index	BBB-/P	24,655	164,000	15,416	5/11/63	300 bp — Monthly	9,335
CMBX NA BBB-.6 Index	BBB-/P	19,950	170,000	15,980	5/11/63	300 bp — Monthly	4,070
CMBX NA BBB-.6 Index	BBB-/P	19,918	204,000	19,176	5/11/63	300 bp — Monthly	861
CMBX NA BBB-.6 Index	BBB-/P	24,251	206,000	19,364	5/11/63	300 bp — Monthly	5,007
CMBX NA BBB-.6 Index	BBB-/P	25,446	215,000	20,210	5/11/63	300 bp — Monthly	5,362
CMBX NA BBB-.6 Index	BBB-/P	24,997	218,000	20,492	5/11/63	300 bp — Monthly	4,632
CMBX NA BBB-.6 Index	BBB-/P	49,325	291,000	27,354	5/11/63	300 bp — Monthly	22,140
CMBX NA BBB-.6 Index	BBB-/P	48,789	348,000	32,712	5/11/63	300 bp — Monthly	16,280
CMBX NA BBB-.6 Index	BBB-/P	64,507	433,000	40,702	5/11/63	300 bp — Monthly	24,057
CMBX NA BBB-.6 Index	BBB-/P	41,997	449,000	42,206	5/11/63	300 bp — Monthly	53
CMBX NA BBB-.6 Index	BBB-/P	61,333	542,000	50,948	5/11/63	300 bp — Monthly	10,701

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION SOLD at 7/31/19 cont.

Swap counterparty/ Referenced debt [*]	Rating ^{***}	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments received by fund	Unrealized appreciation/ (depreciation)
Morgan Stanley & Co. International PLC cont.							
CMBX NA BBB-.6 Index	BBB-/P	\$76,220	\$629,000	\$59,126	5/11/63	300 bp — Monthly	\$17,461
CMBX NA BBB-.6 Index	BBB-/P	131,387	1,239,000	116,466	5/11/63	300 bp — Monthly	15,644
Upfront premium received		16,905,063	Unrealized appreciation		4,095,936		
Upfront premium (paid)		—	Unrealized (depreciation)		(252,509)		
Total		\$16,905,063	Total		\$3,843,427		

* Payments related to the referenced debt are made upon a credit default event.

** Upfront premium is based on the difference between the original spread on issue and the market spread on day of execution.

*** Ratings for an underlying index represent the average of the ratings of all the securities included in that index. The Moody's, Standard & Poor's or Fitch ratings are believed to be the most recent ratings available at July 31, 2019. Securities rated by Putnam are indicated by "/P." The Putnam rating categories are comparable to the Standard & Poor's classifications.

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION PURCHASED at 7/31/19

Swap counterparty/ Referenced debt [*]	Upfront premium received (paid) ^{**}	Notional amount	Value	Termination date	Payments (paid) by fund	Unrealized appreciation/ (depreciation)
Citigroup Global Markets, Inc.						
CMBX NAA.6 Index	\$(56)	\$6,000	\$7	5/11/63	(200 bp) — Monthly	\$(65)
CMBX NA BB.10 Index	(64,144)	585,000	51,129	11/17/59	(500 bp) — Monthly	(13,584)
CMBX NA BB.10 Index	(30,474)	292,000	25,521	11/17/59	(500 bp) — Monthly	(5,237)
CMBX NA BB.11 Index	(113,495)	876,000	86,549	11/18/54	(500 bp) — Monthly	(27,798)
CMBX NA BB.9 Index	(123,167)	876,000	88,739	9/17/58	(500 bp) — Monthly	(35,280)
CMBX NA BB.9 Index	(97,972)	636,000	64,427	9/17/58	(500 bp) — Monthly	(34,164)
CMBX NA BB.9 Index	(98,414)	636,000	64,427	9/17/58	(500 bp) — Monthly	(34,606)
CMBX NA BB.9 Index	(97,309)	632,000	64,022	9/17/58	(500 bp) — Monthly	(33,902)
CMBX NA BB.9 Index	(78,503)	584,000	59,159	9/17/58	(500 bp) — Monthly	(19,912)
CMBX NA BB.9 Index	(75,916)	584,000	59,159	9/17/58	(500 bp) — Monthly	(17,324)
CMBX NA BB.9 Index	(49,471)	316,000	32,011	9/17/58	(500 bp) — Monthly	(17,767)
CMBX NA BB.9 Index	(17,878)	112,000	11,346	9/17/58	(500 bp) — Monthly	(6,641)

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION PURCHASED at 7/31/19 cont.

Swap counterparty/ Referenced debt*	Upfront premium received (paid)**	Notional amount	Value	Termination date	Payments (paid) by fund	Unrealized appreciation/ (depreciation)
Credit Suisse International						
CMBX NA BB.10 Index	\$(80,855)	\$606,000	\$52,964	11/17/59	(500 bp) — Monthly	\$(28,480)
CMBX NA BB.10 Index	(71,945)	605,000	52,877	11/17/59	(500 bp) — Monthly	(19,656)
CMBX NA BB.10 Index	(39,651)	319,000	27,881	11/17/59	(500 bp) — Monthly	(12,081)
CMBX NA BB.7 Index	(38,002)	2,153,000	414,453	5/11/63	(500 bp) — Monthly	374,358
CMBX NA BB.7 Index	(99,427)	539,000	51,744	1/17/47	(500 bp) — Monthly	(48,207)
CMBX NA BB.7 Index	(37,503)	228,000	21,888	1/17/47	(500 bp) — Monthly	(15,837)
CMBX NA BB.9 Index	(286,506)	2,858,000	286,657	9/17/58	(500 bp) — Monthly	152
Goldman Sachs International						
CMBX NA BB.6 Index	(104,038)	1,017,000	195,773	5/11/63	(500 bp) — Monthly	90,745
CMBX NA BB.7 Index	(71,729)	474,000	45,504	1/17/47	(500 bp) — Monthly	(26,686)
CMBX NA BB.6 Index	(146)	1,000	193	5/11/63	(500 bp) — Monthly	45
CMBX NA BB.7 Index	(135,933)	804,000	77,184	1/17/47	(500 bp) — Monthly	(59,530)
CMBX NA BB.7 Index	(84,052)	513,000	49,248	1/17/47	(500 bp) — Monthly	(35,302)
CMBX NA BB.7 Index	(57,666)	284,000	27,264	1/17/47	(500 bp) — Monthly	(30,678)
CMBX NA BB.7 Index	(31,765)	174,000	16,704	1/17/47	(500 bp) — Monthly	(15,230)
CMBX NA BB.9 Index	(18,626)	117,000	11,852	9/17/58	(500 bp) — Monthly	(6,887)
CMBX NA BB.9 Index	(8,945)	56,000	5,673	9/17/58	(500 bp) — Monthly	(3,327)
CMBX NA BB.9 Index	(8,847)	56,000	5,673	9/17/58	(500 bp) — Monthly	(3,229)
JPMorgan Securities LLC						
CMBX NA BB.6 Index	(84,642)	602,000	115,885	5/11/63	(500 bp) — Monthly	30,658
CMBX NA BB.6 Index	(62,055)	428,000	82,390	5/11/63	(500 bp) — Monthly	19,919
CMBX NA BB.6 Index	(26,464)	184,000	35,420	5/11/63	(500 bp) — Monthly	8,777
CMBX NA BB.6 Index	(133)	1,000	193	5/11/63	(500 bp) — Monthly	59
CMBX NA BB.7 Index	(611,738)	4,834,000	464,064	1/17/47	(500 bp) — Monthly	(152,373)

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION PURCHASED at 7/31/19 cont.

Swap counterparty/ Referenced debt*	Upfront premium received (paid)**	Notional amount	Value	Termination date	Payments (paid) by fund	Unrealized appreciation/ (depreciation)
JPMorgan Securities LLC cont.						
CMBX NA BB.9 Index	\$(39,347)	\$278,000	\$28,161	9/17/58	(500 bp) — Monthly	\$(11,456)
CMBX NA BB.9 Index	(26,674)	169,000	17,120	9/17/58	(500 bp) — Monthly	(9,719)
CMBX NA BB.9 Index	(19,207)	136,000	13,777	9/17/58	(500 bp) — Monthly	(5,563)
CMBX NA BB.9 Index	(13,261)	85,000	8,611	9/17/58	(500 bp) — Monthly	(4,733)
CMBX NA BB.9 Index	(1,840)	12,000	1,216	9/17/58	(500 bp) — Monthly	(636)
CMBX NA BBB-.7 Index	(138,115)	3,640,000	85,176	1/17/47	(300 bp) — Monthly	(55,062)
CMBX NA BBB-.7 Index	(35,762)	756,000	17,690	1/17/47	(300 bp) — Monthly	(18,512)
CMBX NA BBB-.7 Index	(11,036)	304,000	7,114	1/17/47	(300 bp) — Monthly	(4,099)
Merrill Lynch International						
CMBX NA BB.10 Index	(30,774)	292,000	25,521	11/17/59	(500 bp) — Monthly	(5,537)
CMBX NA BB.10 Index	(34,710)	292,000	25,521	11/17/59	(500 bp) — Monthly	(9,473)
CMBX NA BB.7 Index	(29,492)	170,000	16,320	1/17/47	(500 bp) — Monthly	(13,337)
CMBX NA BB.9 Index	(225,066)	2,199,000	222,759	9/17/58	(500 bp) — Monthly	(4,445)
CMBX NA BBB-.7 Index	(75,310)	919,000	21,505	1/17/47	(300 bp) — Monthly	(54,341)
Morgan Stanley & Co. International PLC						
CMBX NA BBB-.7 Index	(34,235)	336,000	7,862	1/17/47	(300 bp) — Monthly	(26,569)
CMBX NA BB.10 Index	(30,624)	292,000	25,521	11/17/59	(500 bp) — Monthly	(5,387)
CMBX NA BB.7 Index	(166,515)	828,000	79,488	1/17/47	(500 bp) — Monthly	(87,832)
CMBX NA BB.7 Index	(142,886)	741,000	71,136	1/17/47	(500 bp) — Monthly	(72,471)
CMBX NA BB.7 Index	(131,385)	651,000	62,496	1/17/47	(500 bp) — Monthly	(69,522)
CMBX NA BB.7 Index	(57,259)	306,000	29,376	1/17/47	(500 bp) — Monthly	(28,181)
CMBX NA BB.9 Index	(29,533)	205,000	20,767	9/17/58	(500 bp) — Monthly	(8,966)
CMBX NA BB.9 Index	(22,495)	169,000	17,120	9/17/58	(500 bp) — Monthly	(5,540)
CMBX NA BB.9 Index	(22,550)	166,000	16,816	9/17/58	(500 bp) — Monthly	(5,895)

OTC CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION PURCHASED at 7/31/19 cont.

Swap counterparty/ Referenced debt*	Upfront premium received (paid)**	Notional amount	Value	Termi- nation date	Payments (paid) by fund	Unrealized appreciation/ (depreciation)
Morgan Stanley & Co. International PLC cont.						
CMBX NA BB.9 Index	\$(24,292)	\$161,000	\$16,309	9/17/58	(500 bp) — Monthly	\$(8,140)
CMBX NA BB.9 Index	(22,012)	161,000	16,309	9/17/58	(500 bp) — Monthly	(5,860)
CMBX NA BB.9 Index	(17,446)	116,000	11,751	9/17/58	(500 bp) — Monthly	(5,808)
CMBX NA BB.9 Index	(15,719)	101,000	10,231	9/17/58	(500 bp) — Monthly	(5,585)
CMBX NA BB.9 Index	(11,806)	78,000	7,901	9/17/58	(500 bp) — Monthly	(3,981)
CMBX NA BB.9 Index	(11,806)	78,000	7,901	9/17/58	(500 bp) — Monthly	(3,981)
CMBX NA BBB-.7 Index	(30,222)	476,000	11,138	1/17/47	(300 bp) — Monthly	(19,361)
Upfront premium received	—	Unrealized appreciation				524,713
Upfront premium (paid)	(4,258,846)	Unrealized (depreciation)				(1,263,775)
Total	\$(4,258,846)	Total				\$(739,062)

* Payments related to the referenced debt are made upon a credit default event.

** Upfront premium is based on the difference between the original spread on issue and the market spread on day of execution.

CENTRALLY CLEARED CREDIT DEFAULT CONTRACTS OUTSTANDING — PROTECTION PURCHASED at 7/31/19

Referenced debt*	Upfront premium received (paid)**	Notional amount	Value	Termi- nation date	Payments (paid) by fund	Unrealized depreciation
NA HY Series 32 Index	\$1,262,808	\$20,948,400	\$1,549,993	6/20/24	(500 bp) — Quarterly	\$(409,384)
Total	\$1,262,808					\$(409,384)

* Payments related to the referenced debt are made upon a credit default event.

** Upfront premium is based on the difference between the original spread on issue and the market spread on day of execution.

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*:			
Capital goods	\$2,273	\$—	\$—
Consumer cyclicals	333,397	51,130	—
Energy	—	82	8,747
Health care	14,252	—	—
Technology	168,644	—	—
Utilities and power	—	16,226	163,236
Total common stocks	518,566	67,438	171,983
Asset-backed securities	—	4,887,227	3,492,000
Convertible bonds and notes	—	21,609,537	—
Convertible preferred stocks	—	—	6,400
Corporate bonds and notes	—	137,355,340	313
Foreign government and agency bonds and notes	—	71,820,670	—
Mortgage-backed securities	—	245,661,062	170,800
Preferred stocks	—	428,745	—
Purchased options outstanding	—	401,340	—
Purchased swap options outstanding	—	25,240,607	—
Senior loans	—	16,882,107	—
U.S. government and agency mortgage obligations	—	308,359,088	—
U.S. treasury obligations	—	2,382,895	—
Short-term investments	45,852,406	17,287,566	—
Totals by level	\$46,370,972	\$852,383,622	\$3,841,496

Valuation inputs			
Other financial instruments:	Level 1	Level 2	Level 3
Forward currency contracts	\$—	\$4,179	\$—
Futures contracts	(158,519)	—	—
Written options outstanding	—	(303,115)	—
Written swap options outstanding	—	(18,345,494)	—
Forward premium swap option contracts	—	181,481	—
TBA sale commitments	—	(39,762,892)	—
Interest rate swap contracts	—	8,318,987	—
Total return swap contracts	—	(101,389)	—
Credit default contracts	—	(11,214,044)	—
Totals by level	\$(158,519)	\$(61,222,287)	\$—

* Common stock classifications are presented at the sector level, which may differ from the fund's portfolio presentation. At the start and close of the reporting period, Level 3 investments in securities represented less than 1% of the fund's net assets and were not considered a significant portion of the fund's portfolio.

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

Statement of assets and liabilities 7/31/19

ASSETS

Investment in securities, at value (Notes 1 and 9):	
Unaffiliated issuers (identified cost \$850,938,101)	\$860,485,684
Affiliated issuers (identified cost \$42,110,406) (Notes 1 and 5)	42,110,406
Cash	232,180
Foreign currency (cost \$124,858) (Note 1)	114,421
Dividends, interest and other receivables	6,516,476
Receivable for investments sold	3,882,607
Receivable for sales of delayed delivery securities (Note 1)	2,824,977
Receivable for sales of TBA securities (Note 1)	8,372,000
Receivable for variation margin on futures contracts (Note 1)	107,762
Receivable for variation margin on centrally cleared swap contracts (Note 1)	3,634,811
Unrealized appreciation on forward premium swap option contracts (Note 1)	3,281,091
Unrealized appreciation on forward currency contracts (Note 1)	1,878,218
Unrealized appreciation on OTC swap contracts (Note 1)	4,844,467
Premium paid on OTC swap contracts (Note 1)	4,258,846
Prepaid assets	42,196
Total assets	942,586,142

LIABILITIES

Payable for investments purchased	9,720,250
Payable for purchases of delayed delivery securities (Note 1)	985,343
Payable for purchases of TBA securities (Note 1)	274,076,669
Payable for compensation of Manager (Note 2)	1,050,325
Payable for custodian fees (Note 2)	114,215
Payable for investor servicing fees (Note 2)	46,517
Payable for Trustee compensation and expenses (Note 2)	248,255
Payable for administrative services (Note 2)	2,118
Payable for variation margin on futures contracts (Note 1)	85,089
Payable for variation margin on centrally cleared swap contracts (Note 1)	2,143,823
Distributions payable to shareholders	3,618,404
Unrealized depreciation on OTC swap contracts (Note 1)	1,709,499
Premium received on OTC swap contracts (Note 1)	16,905,063
Unrealized depreciation on forward currency contracts (Note 1)	1,874,039
Unrealized depreciation on forward premium swap option contracts (Note 1)	3,099,610
Written options outstanding, at value (premiums \$14,059,499) (Note 1)	18,648,609
TBA sale commitments, at value (proceeds receivable \$39,686,758) (Note 1)	39,762,892
Collateral on certain derivative contracts and TBA commitments, at value (Notes 1 and 9)	6,136,099
Other accrued expenses	295,118
Total liabilities	380,521,937
Net assets	\$562,064,205

(Continued on next page)

Statement of assets and liabilities *cont.*

REPRESENTED BY

Paid-in capital (Unlimited shares authorized) (Notes 1 and 4)	\$697,120,668
Total distributable earnings (Note 1)	(135,056,463)
Total — Representing net assets applicable to capital shares outstanding	\$562,064,205

COMPUTATION OF NET ASSET VALUE

Net asset value per share	
(\$562,064,205 divided by 103,365,372 shares)	\$5.44

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

Statement of operations Year ended 7/31/19

INVESTMENT INCOME

Interest (net of foreign tax of \$1,977) (including interest income of \$804,041 from investments in affiliated issuers) (Note 5)	\$33,061,220
Dividends	36,098
Total investment income	33,097,318

EXPENSES

Compensation of Manager (Note 2)	4,162,835
Investor servicing fees (Note 2)	282,382
Custodian fees (Note 2)	127,756
Trustee compensation and expenses (Note 2)	24,684
Administrative services (Note 2)	16,982
Other	622,938
Total expenses	5,237,577
Expense reduction (Note 2)	(4,666)
Net expenses	5,232,911
Net investment income	27,864,407

REALIZED AND UNREALIZED GAIN (LOSS)

Net realized gain (loss) on:

Securities from unaffiliated issuers (net of foreign tax of \$14,976) (Notes 1 and 3)	(16,012,959)
Foreign currency transactions (Note 1)	1,801
Forward currency contracts (Note 1)	53,293
Futures contracts (Note 1)	(307,476)
Swap contracts (Note 1)	(12,379,344)
Written options (Note 1)	9,288,741
Total net realized loss	(19,355,944)

Change in net unrealized appreciation (depreciation) on:

Securities from unaffiliated issuers and TBA sale commitments	12,997,336
Assets and liabilities in foreign currencies	1,480
Forward currency contracts	(627,996)
Futures contracts	(208,916)
Swap contracts	8,406,972
Written options	(6,934,502)
Total change in net unrealized appreciation	13,634,374
Net loss on investments	(5,721,570)
Net increase in net assets resulting from operations	\$22,142,837

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

Statement of changes in net assets

DECREASE IN NET ASSETS	Year ended 7/31/19	Year ended 7/31/18
Operations		
Net investment income	\$27,864,407	\$33,087,969
Net realized gain (loss) on investments and foreign currency transactions	(19,355,944)	9,329,083
Change in net unrealized appreciation (depreciation) of investments and assets and liabilities in foreign currencies	13,634,374	(6,476,383)
Net increase in net assets resulting from operations	22,142,837	35,940,669
Distributions to shareholders (Note 1):		
From ordinary income		
Net investment income	(40,044,270)	(33,366,624)
Decrease from capital share transactions (Note 4)	(16,176,164)	(3,073,232)
Total decrease in net assets	(34,077,597)	(499,187)

NET ASSETS		
Beginning of year	596,141,802	596,640,989
End of year (Note 1)	\$562,064,205	\$596,141,802

NUMBER OF FUND SHARES		
Shares outstanding at beginning of year	106,664,383	107,254,321
Shares repurchased (Note 4)	(3,299,011)	(589,938)
Shares outstanding at end of year	103,365,372	106,664,383

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

	Year ended				
	7/31/19	7/31/18	7/31/17	7/31/16	7/31/15
Net asset value, beginning of period	\$5.59	\$5.56	\$5.28	\$5.72	\$6.20
Investment operations:					
Net investment income ^a	.27	.31	.28	.31	.28
Net realized and unrealized gain (loss) on investments	(.05)	.03	.30	(.48)	(.49)
Total from investment operations	.22	.34	.58	(.17)	(.21)
Less distributions:					
From net investment income	(.38)	(.31)	(.31)	(.31)	(.31)
From return of capital	—	—	—	—	—
Total distributions	(.38)	(.31)	(.31)	(.31)	(.31)
Increase from shares repurchased	.01	—^e	.01	.04	.04
Net asset value, end of period	\$5.44	\$5.59	\$5.56	\$5.28	\$5.72
Market price, end of period	\$5.32	\$5.25	\$5.39	\$4.72	\$5.10
Total return at market price (%)^b	9.18	3.26	21.30	(1.31)	(1.14)

RATIOS AND SUPPLEMENTAL DATA

Net assets, end of period (in thousands)	\$562,064	\$596,142	\$596,641	\$577,236	\$669,894
Ratio of expenses to average net assets (%) ^c	.93	.92	.92	.91	.87
Ratio of net investment income to average net assets (%)	4.94	5.53	5.20	5.75	4.74
Portfolio turnover (%) ^d	854	785	1,055	808	654

^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 Includes amounts paid through expense offset arrangements, if any (Note 2).

^d Portfolio turnover includes TBA purchase and sale commitments.

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

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

Notes to financial statements 7/31/19

Within the following Notes to financial statements, 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 and references to “OTC”, if any, represent over-the-counter. Unless otherwise noted, the “reporting period” represents the period from August 1, 2018 through July 31, 2019.

Putnam Premier Income Trust (the fund) is a Massachusetts business trust, which is registered under the Investment Company Act of 1940, as amended, as a non-diversified closed-end management investment company. The fund is currently operating as a diversified fund. In the future, the fund may operate as a non-diversified fund to the extent permitted by applicable law. Under current law, shareholder approval would be required before the fund could operate as a non-diversified fund. The goal of the fund is to seek high current income consistent with the preservation of capital by allocating its investments among the U.S. government sector, high yield sector and international sector of the fixed-income securities market.

The fund’s shares trade on a stock exchange at market prices, which may be lower than the fund’s net asset value.

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, 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 state and federal courts located within the Commonwealth of Massachusetts.

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.

Market quotations are not considered to be readily available for certain debt obligations (including short-term investments with remaining maturities of 60 days or less) and other investments; such investments are valued on the basis of valuations furnished by an independent pricing service approved by the Trustees or dealers selected

by Putnam Management. Such services or dealers determine valuations for normal institutional-size trading units of such securities using methods based on market transactions for comparable securities and various relationships, generally recognized by institutional traders, between securities (which consider such factors as security prices, yields, maturities and ratings). These securities will generally be categorized as Level 2.

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 Depositary 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. Securities quoted in foreign currencies, if any, are translated into U.S. dollars at the current exchange rate.

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. Certain securities may be valued on the basis of a price provided by a single source. 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 and including amortization and accretion of premiums and discounts on debt securities, 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.

The fund may have earned certain fees in connection with its senior loan purchasing activities. These fees, if any, are treated as market discount and are amortized into income in the Statement of operations.

Securities purchased or sold on a forward commitment or delayed delivery basis may be settled at a future date beyond customary settlement time; interest income is accrued based on the terms of the securities. Losses may arise due to changes in the fair value of the underlying securities or if the counterparty does not perform under the contract.

Stripped securities The fund may invest in stripped securities which represent a participation in securities that may be structured in classes with rights to receive different portions of the interest and principal. Interest-only securities receive all of the interest and principal-only securities receive all of the principal. If the interest-only securities experience greater than anticipated prepayments of principal, the fund may fail to recoup fully its initial investment in these securities. Conversely, principal-only securities increase in value if prepayments are greater than anticipated and decline if prepayments are slower than anticipated. The fair value of these securities is highly sensitive to changes in interest rates.

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.

Options contracts The fund uses options contracts to hedge duration and convexity, to isolate prepayment risk and to manage downside risks.

The potential risk to the fund is that the change in value of options contracts may not correspond to the change in value of the hedged instruments. In addition, losses may arise from changes in the value of the underlying instruments if there is an illiquid secondary market for the contracts, if interest or exchange rates move unexpectedly or if the counterparty to the contract is unable to perform. Realized gains and losses on purchased options are included in realized gains and losses on investment securities. If a written call option is exercised, the premium originally received is recorded as an addition to sales proceeds. If a written put option is exercised, the premium originally received is recorded as a reduction to the cost of investments.

Exchange-traded options are valued at the last sale price or, if no sales are reported, the last bid price for purchased options and the last ask price for written options. OTC traded options are valued using prices supplied by dealers.

Options on swaps are similar to options on securities except that the premium paid or received is to buy or grant the right to enter into a previously agreed upon interest rate or credit default contract. Forward premium swap option contracts include premiums that have extended settlement dates. The delayed settlement of the premiums is factored into the daily valuation of the option contracts. In the case of interest rate cap and floor contracts, in return for a premium, ongoing payments between two parties are based on interest rates exceeding a specified rate, in the case of a cap contract, or falling below a specified rate in the case of a floor contract.

Written option contracts outstanding at period end, if any, are listed after the fund's portfolio.

Futures contracts The fund uses futures contracts for hedging treasury term structure risk and for yield curve positioning.

The potential risk to the fund is that the change in value of futures contracts may not correspond to the change in value of the hedged instruments. In addition, losses may arise from changes in the value of the underlying instruments, if there is an illiquid secondary market for the contracts, if interest or exchange rates move unexpectedly or if the counterparty to the contract is unable to perform. With futures, there is minimal counterparty credit risk to the fund since futures are exchange traded and the exchange's clearinghouse, as counterparty to all exchange traded futures, guarantees the futures against default. Risks may exceed amounts recognized on the Statement of assets and liabilities. When the contract is closed, the fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed.

Futures contracts are valued at the quoted daily settlement prices established by the exchange on which they trade. The fund and the broker agree to exchange an amount of cash equal to the daily fluctuation in the value of the futures contract. Such receipts or payments are known as "variation margin."

Futures contracts outstanding at period end, if any, are listed after the fund's portfolio.

Forward currency contracts The fund buys and sells forward currency contracts, which are agreements between two parties to buy and sell currencies at a set price on a future date. These contracts are used for hedging currency exposures and to gain exposure to currencies.

The U.S. dollar value of forward currency contracts is determined using current forward currency exchange rates supplied by a quotation service. The fair value of the contract will fluctuate with changes in currency exchange rates. The contract is marked to market daily and the change in fair value is recorded as an unrealized gain or loss. The fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed when the contract matures or by delivery of the currency. The fund

could be exposed to risk if the value of the currency changes unfavorably, if the counterparties to the contracts are unable to meet the terms of their contracts or if the fund is unable to enter into a closing position. Risks may exceed amounts recognized on the Statement of assets and liabilities.

Forward currency contracts outstanding at period end, if any, are listed after the fund's portfolio.

Interest rate swap contracts The fund entered into OTC and/or centrally cleared interest rate swap contracts, which are arrangements between two parties to exchange cash flows based on a notional principal amount, for hedging term structure risk, for yield curve positioning, and for gaining exposure to rates in various countries.

An OTC and centrally cleared interest rate swap can be purchased or sold with an upfront premium. For OTC interest rate swap contracts, an upfront payment received by the fund is recorded as a liability on the fund's books. An upfront payment made by the fund is recorded as an asset on the fund's books. OTC and centrally cleared interest rate swap contracts are marked to market daily based upon quotations from an independent pricing service or market makers. Any change is recorded as an unrealized gain or loss on OTC interest rate swaps. Daily fluctuations in the value of centrally cleared interest rate swaps are settled through a central clearing agent and are recorded in variation margin on the Statement of assets and liabilities and recorded as unrealized gain or loss. Payments, including upfront premiums, received or made are recorded as realized gains or losses at the reset date or the closing of the contract. Certain OTC and centrally cleared interest rate swap contracts may include extended effective dates. Payments related to these swap contracts are accrued based on the terms of the contract.

The fund could be exposed to credit or market risk due to unfavorable changes in the fluctuation of interest rates or if the counterparty defaults, in the case of OTC interest rate contracts, or the central clearing agency or a clearing member defaults, in the case of centrally cleared interest rate swap contracts, on its respective obligation to perform under the contract. The fund's maximum risk of loss from counterparty risk or central clearing risk is the fair value of the contract. This risk may be mitigated for OTC interest rate swap contracts by having a master netting arrangement between the fund and the counterparty and for centrally cleared interest rate swap contracts through the daily exchange of variation margin. There is minimal counterparty risk with respect to centrally cleared interest rate swap contracts due to the clearinghouse guarantee fund and other resources that are available in the event of a clearing member default. Risk of loss may exceed amounts recognized on the Statement of assets and liabilities.

OTC and centrally cleared interest rate swap contracts outstanding, including their respective notional amounts at period end, if any, are listed after the fund's portfolio.

Total return swap contracts The fund entered into OTC and/or centrally cleared total return swap contracts, which are arrangements to exchange a market-linked return for a periodic payment, both based on a notional principal amount, to hedge sector exposure, for gaining exposure to specific sectors, for hedging inflation, for gaining exposure to inflation.

To the extent that the total return of the security, index or other financial measure underlying the transaction exceeds or falls short of the offsetting interest rate obligation, the fund will receive a payment from or make a payment to the counterparty. OTC and/or centrally cleared total return swap contracts are marked to market daily based upon quotations from an independent pricing service or market maker. Any change is recorded as an unrealized gain or loss on OTC total return swaps. Daily fluctuations in the value of centrally cleared total return swaps are settled through a central clearing agent and are recorded in variation margin on the Statement of assets and liabilities and recorded as unrealized gain or loss. Payments received or made are recorded as realized gains or losses. Certain OTC and/or centrally cleared total return swap contracts may include extended effective dates. Payments related to these swap contracts are accrued based on the terms of the contract. The fund could be exposed to credit or market risk due to unfavorable changes in the fluctuation of interest rates or in the price of the underlying security or index, the possibility that there is no liquid market for these agreements or that the counterparty may default on its obligation to perform. The fund's maximum risk of loss from counterparty risk or central clearing risk is the fair value of the contract. This risk may be mitigated for OTC total return swap contracts by having a master netting arrangement between the fund and the counterparty and for centrally cleared total return swap contracts through the daily exchange of variation margin. There is minimal counterparty risk with respect to centrally cleared total return swap contracts due to the clearinghouse guarantee fund and other resources that are available in the event of a clearing member default. Risk of loss may exceed amounts recognized on the Statement of assets and liabilities.

OTC and/or centrally cleared total return swap contracts outstanding, including their respective notional amounts at period end, if any, are listed after the fund's portfolio.

Credit default contracts The fund entered into OTC and/or centrally cleared credit default contracts to hedge credit risk, for gaining liquid exposure to individual names, to hedge market risk, for gaining exposure to specific sectors.

In OTC and centrally cleared credit default contracts, the protection buyer typically makes a periodic stream of payments to a counterparty, the protection seller, in exchange for the right to receive a contingent payment upon the occurrence of a credit event on the reference obligation or all other equally ranked obligations of the reference entity. Credit events are contract specific but may include bankruptcy, failure to pay, restructuring and obligation acceleration. For OTC credit default contracts, an upfront payment received by the fund is recorded as a liability on the fund's books. An upfront payment made by the fund is recorded as an asset on the fund's books. Centrally cleared credit default contracts provide the same rights to the protection buyer and seller except the payments between parties, including upfront premiums, are settled through a central clearing agent through variation margin payments. Upfront and periodic payments received or paid by the fund for OTC and centrally cleared credit default contracts are recorded as realized gains or losses at the reset date or close of the contract. The OTC and centrally cleared credit default contracts are marked to market daily based upon quotations from an independent pricing service or market makers. Any change in value of OTC credit default contracts is recorded as an unrealized gain or loss. Daily fluctuations in the value of centrally cleared credit default contracts are recorded in variation margin on the Statement of assets and liabilities and recorded as unrealized gain or loss. Upon the occurrence of a credit event, the difference between the par value and fair value of the reference obligation, net of any proportional amount of the upfront payment, is recorded as a realized gain or loss.

In addition to bearing the risk that the credit event will occur, the fund could be exposed to market risk due to unfavorable changes in interest rates or in the price of the underlying security or index or the possibility that the fund may be unable to close out its position at the same time or at the same price as if it had purchased the underlying reference obligations. In certain circumstances, the fund may enter into offsetting OTC and centrally cleared credit default contracts which would mitigate its risk of loss. Risks of loss may exceed amounts recognized on the Statement of assets and liabilities. The fund's maximum risk of loss from counterparty risk, either as the protection seller or as the protection buyer, is the fair value of the contract. This risk may be mitigated for OTC credit default contracts by having a master netting arrangement between the fund and the counterparty and for centrally cleared credit default contracts through the daily exchange of variation margin. Counterparty risk is further mitigated with respect to centrally cleared credit default swap contracts due to the clearinghouse guarantee fund and other resources that are available in the event of a clearing member default. Where the fund is a seller of protection, the maximum potential amount of future payments the fund may be required to make is equal to the notional amount.

OTC and centrally cleared credit default contracts outstanding, including their respective notional amounts at period end, if any, are listed after the fund's portfolio.

TBA commitments The fund may enter into TBA (to be announced) commitments to purchase securities for a fixed unit price at a future date beyond customary settlement time. Although the unit price and par amount have been established, the actual securities have not been specified. However, it is anticipated that the amount of the commitments will not significantly differ from the principal amount. The fund holds, and maintains until settlement date, cash or high-grade debt obligations in an amount sufficient to meet the purchase price, or the fund may enter into offsetting contracts for the forward sale of other securities it owns. Income on the securities will not be earned until settlement date.

The fund may also enter into TBA sale commitments to hedge its portfolio positions, to sell mortgage-backed securities it owns under delayed delivery arrangements or to take a short position in mortgage-backed securities. Proceeds of TBA sale commitments are not received until the contractual settlement date. During the time a TBA sale commitment is outstanding, either equivalent deliverable securities or an offsetting TBA purchase commitment deliverable on or before the sale commitment date are held as "cover" for the transaction, or other liquid assets in an amount equal to the notional value of the TBA sale commitment are segregated. If the TBA sale commitment is closed through the acquisition of an offsetting TBA purchase commitment, the fund realizes a gain or loss. If the fund delivers securities under the commitment, the fund realizes a gain or a loss from the sale of the securities based upon the unit price established at the date the commitment was entered into.

TBA commitments, which are accounted for as purchase and sale transactions, may be considered securities themselves, and involve a risk of loss due to changes in the value of the security prior to the settlement date as well as the risk that the counterparty to the transaction will not perform its obligations. Counterparty risk is mitigated by having a master agreement between the fund and the counterparty.

Unsettled TBA commitments are valued at their fair value according to the procedures described under “Security valuation” above. The contract is marked to market daily and the change in fair value is recorded by the fund as an unrealized gain or loss. Based on market circumstances, Putnam Management will determine whether to take delivery of the underlying securities or to dispose of the TBA commitments prior to settlement.

TBA purchase commitments outstanding at period end, if any, are listed within the fund’s portfolio and TBA sale commitments outstanding at period end, if any, are listed after the fund’s portfolio.

Master agreements The fund is a party to ISDA (International Swaps and Derivatives Association, Inc.) Master Agreements that govern OTC derivative and foreign exchange contracts and Master Securities Forward Transaction Agreements that govern transactions involving mortgage-backed and other asset-backed securities that may result in delayed delivery (Master Agreements) with certain counterparties entered into from time to time. The Master Agreements may contain provisions regarding, among other things, the parties’ general obligations, representations, agreements, collateral requirements, events of default and early termination. With respect to certain counterparties, in accordance with the terms of the Master Agreements, collateral posted to the fund is held in a segregated account by the fund’s custodian and, with respect to those amounts which can be sold or repledged, are presented in the fund’s portfolio.

Collateral pledged by the fund is segregated by the fund’s custodian and identified in the fund’s portfolio. Collateral can be in the form of cash or debt securities issued by the U.S. Government or related agencies or other securities as agreed to by the fund and the applicable counterparty. Collateral requirements are determined based on the fund’s net position with each counterparty.

With respect to ISDA Master Agreements, termination events applicable to the fund may occur upon a decline in the fund’s net assets below a specified threshold over a certain period of time. Termination events applicable to counterparties may occur upon a decline in the counterparty’s long-term or short-term credit ratings below a specified level. In each case, upon occurrence, the other party may elect to terminate early and cause settlement of all derivative and foreign exchange contracts outstanding, including the payment of any losses and costs resulting from such early termination, as reasonably determined by the terminating party. Any decision by one or more of the fund’s counterparties to elect early termination could impact the fund’s future derivative activity.

At the close of the reporting period, the fund had a net liability position of \$8,532,606 on open derivative contracts subject to the Master Agreements. Collateral posted by the fund at period end for these agreements totaled \$9,105,166 and may include amounts related to unsettled agreements.

Interfund lending The fund, along with other Putnam funds, may participate in an interfund lending program pursuant to an exemptive order issued by the SEC. This program allows the fund to lend to other Putnam funds that permit such transactions. Interfund lending transactions are subject to each fund’s investment policies and borrowing and lending limits. Interest earned or paid on the interfund lending transaction will be based on the average of certain current market rates. During the reporting period, the fund did not utilize the program.

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 three fiscal years remains subject to examination by the Internal Revenue Service.

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 July 31, 2019, 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
\$89,953,634	\$37,442,017	\$127,395,651

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. Effective with the December 2018 distributions, the fund established targeted distribution rates, whose principal source of the distribution is ordinary income. However, the balance of the distribution, if any, comes first from capital gain and then will constitute a return of capital. A return of capital is not taxable; rather it reduces a shareholder’s tax basis in their shares of the fund. The fund may make return of capital distributions to achieve the targeted distribution rates. 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 dividends payable, from defaulted bond interest, from income on swap contracts, from interest-only securities and from real estate mortgage investment conduits. 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 \$1,149,834 to decrease distributions in excess of net investment income, \$5,166 to increase paid-in capital and \$1,155,000 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	\$59,469,408
Unrealized depreciation	(68,502,832)
Net unrealized depreciation	(9,033,424)
Undistributed ordinary income	6,003,153
Capital loss carryforward	(127,395,651)
Cost for federal income tax purposes	\$850,199,558

For the fiscal year ended July 31, 2018, the fund had undistributed net investment income of \$9,486,864.

Note 2: Management fee, administrative services and other transactions

The fund pays Putnam Management for management and investment advisory services quarterly based on the average net assets (including assets, but excluding liabilities, attributable to leverage for investment purposes) of the fund. The fee is based on the following annual rates:

0.750%	of the first \$500 million of average net assets,	0.480%	of the next \$5 billion of average net assets,
0.650%	of the next \$500 million of average net assets,	0.470%	of the next \$5 billion of average net assets,
0.600%	of the next \$500 million of average net assets,	0.460%	of the next \$5 billion of average net assets,
0.550%	of the next \$5 billion of average net assets,	0.450%	of the next \$5 billion of average net assets,
0.525%	of the next \$5 billion of average net assets,	0.440%	of the next \$5 billion of average net assets,
0.505%	of the next \$5 billion of average net assets,	0.430%	of the next \$8.5 billion of average net assets and
0.490%	of the next \$5 billion of average net assets,	0.420%	of any excess thereafter.

For the reporting period, the management fee represented an effective rate (excluding the impact from any expense waivers in effect) of 0.738% of the fund’s average net assets.

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 0.40% of the average net assets (including assets, but excluding liabilities, attributable to leverage for investment purposes) of the portion of the fund managed by PIL.

The fund reimburses Putnam Management an allocated amount for the compensation and related expenses of certain officers of the fund and their staff who provide administrative services to the fund. The aggregate amount of all such reimbursements is determined annually by the Trustees.

Custodial functions for the fund’s assets are provided by State Street. Custody fees are based on the fund’s asset level, the number of its security holdings and transaction volumes.

Putnam Investor Services, Inc., an affiliate of Putnam Management, provides investor servicing agent functions to the fund. Putnam Investor Services, Inc. was paid a monthly fee for investor servicing at an annual rate of 0.05% of the fund’s average daily net assets. The amounts incurred for investor servicing agent functions during the reporting period are included in Investor servicing fees in the Statement of operations.

The fund has entered into expense offset arrangements with Putnam Investor Services, Inc. and State Street whereby Putnam Investor Services, Inc.’s and State Street’s fees are reduced by credits allowed on cash balances. For the reporting period, the fund’s expenses were reduced by \$4,666 under the expense offset arrangements.

Each Independent Trustee of the fund receives an annual Trustee fee, of which \$390, as a quarterly retainer, has been allocated to the fund, and an additional fee for each Trustees meeting attended. Trustees also are reimbursed for expenses they incur relating to their services as Trustees.

The fund has adopted a Trustee Fee Deferral Plan (the Deferral Plan) which allows the Trustees to defer the receipt of all or a portion of Trustees fees payable on or after July 1, 1995. The deferred fees remain invested in certain Putnam funds until distribution in accordance with the Deferral Plan.

The fund has adopted an unfunded noncontributory defined benefit pension plan (the Pension Plan) covering all Trustees of the fund who have served as a Trustee for at least five years and were first elected prior to 2004. Benefits under the Pension Plan are equal to 50% of the Trustee’s average annual attendance and retainer fees for the three years ended December 31, 2005. The retirement benefit is payable during a Trustee’s lifetime, beginning the year following retirement, for the number of years of service through December 31, 2006. Pension expense for the fund is included in Trustee compensation and expenses in the Statement of operations. Accrued pension liability is included in Payable for Trustee compensation and expenses in the Statement of assets and liabilities. The Trustees have terminated the Pension Plan with respect to any Trustee first elected after 2003.

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, including TBA commitments (Long-term)	\$5,706,573,155	\$5,503,531,784
U.S. government securities (Long-term)	—	—
Total	\$5,706,573,155	\$5,503,531,784

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: Shares repurchased

In September 2018, the Trustees approved the renewal of the repurchase program to allow the fund to repurchase up to 10% of its outstanding common shares over the 12-month period ending October 9, 2019 (based on shares outstanding as of October 9, 2018). Prior to this renewal, the Trustees had approved a repurchase program to allow the fund to repurchase up to 10% of its outstanding common shares over the 12-month period ending October 9, 2018 (based on shares outstanding as of October 9, 2017). Repurchases are made when the fund's shares are trading at less than net asset value and in accordance with procedures approved by the fund's Trustees.

For the reporting period, the fund repurchased 3,299,011 common shares for an aggregate purchase price of \$16,176,164 which reflects a weighted-average discount from net asset value per share of 8.25%. The weighted-average discount reflects the payment of commissions by the fund to execute repurchase trades.

For the previous fiscal year, the fund repurchased 589,938 common shares for an aggregate purchase price of \$3,073,232, which reflected a weighted-average discount from net asset value per share of 7.41%. The weighted-average discount reflected the payment of commissions by the fund to execute repurchase trades.

At the close of the reporting period, Putnam Investments, LLC owned approximately 3,441 shares of the fund (less than 0.01% of the fund's shares outstanding), valued at \$18,719 based on net asset value.

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 7/31/18	Purchase cost	Sale proceeds	Investment income	Shares outstanding and fair value as of 7/31/19
Short-term investments					
Putnam Short Term Investment Fund**	\$58,463,800	\$198,406,092	\$214,759,486	\$804,041	\$42,110,406
Total Short-term investments	\$58,463,800	\$198,406,092	\$214,759,486	\$804,041	\$42,110,406

** Management fees charged to Putnam Short Term Investment Fund have been waived by Putnam Management. 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 fund may invest in higher-yielding, lower-rated bonds that may have a higher rate of default. The fund may invest a significant portion of its assets in securitized debt instruments, including mortgage-backed and asset-backed investments. The yields and values of these investments are sensitive to changes in interest rates, the rate of principal payments on the underlying assets and the market's perception of the issuers. The market for these investments may be volatile and limited, which may make them difficult to buy or sell.

Note 7: Senior loan commitments

Senior loans are purchased or sold on a when-issued or delayed delivery basis and may be settled a month or more after the trade date, which from time to time can delay the actual investment of available cash balances; interest income is accrued based on the terms of the securities. Senior loans can be acquired through an agent, by assignment from another holder of the loan, or as a participation interest in another holder's portion of the loan. When the fund invests in a loan or participation, the fund is subject to the risk that an intermediate participant between the fund and the borrower will fail to meet its obligations to the fund, in addition to the risk that the borrower under the loan may default on its obligations.

Note 8: Summary of derivative activity

The volume of activity for the reporting period for any derivative type that was held during the period is listed below and was based on an average of the holdings at the end of each fiscal quarter:

Purchased TBA commitment option contracts (contract amount)	\$277,000,000
Purchased currency option contracts (contract amount)	\$50,300,000
Purchased swap option contracts (contract amount)	\$1,822,400,000
Written TBA commitment option contracts (contract amount)	\$395,800,000
Written currency option contracts (contract amount)	\$31,000,000
Written swap option contracts (contract amount)	\$1,474,500,000
Futures contracts (number of contracts)	700
Forward currency contracts (contract amount)	\$450,600,000
OTC interest rate swap contracts (notional)	\$4,200,000
Centrally cleared interest rate swap contracts (notional)	\$3,045,800,000
OTC total return swap contracts (notional)	\$53,900,000
Centrally cleared total return swap contracts (notional)	\$260,800,000
OTC credit default contracts (notional)	\$186,100,000
Centrally cleared credit default contracts (notional)	\$19,600,000
Warrants (number of warrants)	4,000

The following is a summary of the fair value of derivative instruments as of the close of the reporting period:

Fair value of derivative instruments as of the close of the reporting period				
Derivatives not accounted for as hedging instruments under ASC 815	ASSET DERIVATIVES		LIABILITY DERIVATIVES	
	Statement of assets and liabilities location	Fair value	Statement of assets and liabilities location	Fair value
Credit contracts	Receivables	\$3,519,802	Payables, Net assets — Unrealized depreciation	\$14,733,846*
Foreign exchange contracts	Investments, Receivables	1,968,066	Payables	1,884,794
Interest rate contracts	Investments, Receivables, Net assets — Unrealized appreciation	54,097,637*	Payables, Net assets — Unrealized depreciation	38,942,832*
Total		\$59,585,505		\$55,561,472

* Includes cumulative appreciation/depreciation of futures contracts and/or centrally cleared swaps as reported in the fund's portfolio. Only current day's variation margin is reported within the Statement of assets and liabilities.

The following is a summary of realized and change in unrealized gains or losses of derivative instruments in the Statement of operations for the reporting period (Note 1):

Amount of realized gain or (loss) on derivatives recognized in net gain or (loss) on investments

Derivatives not accounted for as hedging instruments under ASC 815	Warrants	Options	Futures	Forward currency contracts	Swaps	Total
Credit contracts	\$—	\$—	\$—	\$—	\$1,706,332	\$1,706,332
Foreign exchange contracts	—	13,796	—	53,293	—	\$67,089
Equity contracts	101	—	—	—	—	\$101
Interest rate contracts	—	827,955	(307,476)	—	(14,085,676)	\$(13,565,197)
Total	\$101	\$841,751	\$(307,476)	\$53,293	\$(12,379,344)	\$(11,791,675)

Change in unrealized appreciation or (depreciation) on derivatives recognized in net gain or (loss) on investments

Derivatives not accounted for as hedging instruments under ASC 815	Warrants	Options	Futures	Forward currency contracts	Swaps	Total
Credit contracts	\$—	\$—	\$—	\$—	\$1,869,089	\$1,869,089
Foreign exchange contracts	—	(27,742)	—	(627,996)	—	\$(655,738)
Equity contracts	(741)	—	—	—	—	\$(741)
Interest rate contracts	—	3,428,495	(208,916)	—	6,537,883	\$9,757,462
Total	\$(741)	\$3,400,753	\$(208,916)	\$(627,996)	\$8,406,972	\$10,970,072

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Note 9: Offsetting of financial and derivative assets and liabilities

The following table summarizes any derivatives, repurchase agreements and reverse repurchase agreements, at the end of the reporting period, that are subject to an enforceable master netting agreement or similar agreement. For securities lending transactions or borrowing transactions associated with securities sold short, if any, see Note 1. For financial reporting purposes, the fund does not offset financial assets and financial liabilities that are subject to the master netting agreements in the Statement of assets and liabilities.

	Bank of America N.A.	Barclays Bank PLC	Barclays Capital, Inc. (clearing broker)	Citibank, N.A.	Citigroup Global Markets, Inc.	Credit Suisse International	Deutsche Bank AG	Goldman Sachs International	HSBC Bank USA, National Association	JPMorgan Chase Bank N.A.	JPMorgan Securities LLC	Merrill Lynch International	Morgan Stanley & Co. International PLC	NatWest Markets PLC	State Street Bank and Trust Co.	UBS AG	WestPac Banking Corp.	Total
Assets:																		
Centrally cleared interest rate swap contracts [§]	\$—	\$—	\$3,278,645	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$3,278,645
OTC Total return swap contracts*#	—	90,997	—	13,096	—	15,223	—	24,477	—	1,495	78,530	—	—	—	—	—	—	223,818
Centrally cleared total return swap contracts [§]	—	—	262,654	—	—	—	—	—	—	—	—	—	—	—	—	—	—	262,654
OTC Credit default contracts — protection sold*#	—	—	—	—	—	—	—	—	—	—	—	—	9	—	—	—	—	9
OTC Credit default contracts — protection purchased*#	—	—	—	—	600,528	904,138	—	431,668	—	—	867,534	308,219	407,706	—	—	—	—	3,519,793
Centrally cleared credit default contracts [§]	—	—	93,512	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93,512
Futures contracts [§]	—	—	—	—	—	—	—	—	—	—	107,762	—	—	—	—	—	—	107,762
Forward currency contracts#	63,504	157,891	—	66,567	—	—	—	462,618	187,904	255,805	—	—	—	214,625	299,156	168,142	2,006	1,878,218
Forward premium swap option contracts#	1,145,413	232,880	—	278,166	—	—	—	262,399	—	763,034	—	—	599,199	—	—	—	—	3,281,091
Purchased swap options**#	2,029,810	—	—	—	—	—	—	1,179,243	—	14,697,592	—	—	7,297,313	—	—	36,649	—	25,240,607
Purchased options***#	—	—	—	—	—	—	—	—	89,848	311,492	—	—	—	—	—	—	—	401,340
Total Assets	\$3,238,727	\$481,768	\$3,634,811	\$357,829	\$600,528	\$919,361	\$—	\$2,360,405	\$277,752	\$16,029,418	\$1,053,826	\$308,219	\$8,304,227	\$214,625	\$299,156	\$204,791	\$2,006	\$38,287,449
Liabilities:																		
Centrally cleared interest rate swap contracts [§]	—	—	2,008,296	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,008,296
OTC Total return swap contracts*#	—	33,904	—	—	—	23,290	1,713	91,644	—	29,475	13,189	—	—	—	—	—	—	193,215
Centrally cleared total return swap contracts [§]	—	—	135,527	—	—	—	—	—	—	—	—	—	—	—	—	—	—	135,527
OTC Credit default contracts — protection sold*#	167,403	—	—	—	1,119,332	2,984,740	—	2,025,202	—	—	4,378,160	392,414	1,994,394	—	—	—	—	13,061,645
OTC Credit default contracts — protection purchased*#	—	—	—	—	9	—	—	—	—	—	—	—	—	—	—	—	—	9
Centrally cleared credit default contracts [§]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Futures contracts [§]	—	—	—	—	—	—	—	—	—	—	85,089	—	—	—	—	—	—	85,089
Forward currency contracts#	380,798	124,638	—	248,600	—	3,047	—	171,268	159,221	9,448	—	—	—	246,658	295,076	111,038	124,247	1,874,039
Forward premium swap option contracts#	567,919	117,946	—	332,104	—	—	—	298,460	—	1,345,346	—	—	437,835	—	—	—	—	3,099,610
Written swap options#	—	—	—	—	—	—	—	1,000,291	—	10,660,785	—	—	6,659,273	—	—	25,145	—	18,345,494
Written options#	—	—	—	—	—	—	—	—	10,755	292,360	—	—	—	—	—	—	—	303,115
Total Liabilities	\$1,116,120	\$276,488	\$2,143,823	\$580,704	\$1,119,341	\$3,011,077	\$1,713	\$3,586,865	\$169,976	\$12,337,414	\$4,476,438	\$392,414	\$9,091,502	\$246,658	\$295,076	\$136,183	\$124,247	\$39,106,039
Total Financial and Derivative Net Assets	\$2,122,607	\$205,280	\$1,490,988	\$(222,875)	\$(518,813)	\$(2,091,716)	\$(1,713)	\$(1,226,460)	\$107,776	\$3,692,004	\$(3,422,612)	\$(84,195)	\$(787,275)	\$(32,033)	\$4,080	\$68,608	\$(122,241)	\$(818,590)

	Bank of America N.A.	Barclays Bank PLC	Barclays Capital, Inc. (clearing broker)	Citibank, N.A.	Citigroup Global Markets, Inc.	Credit Suisse International	Deutsche Bank AG	Goldman Sachs International	HSBC Bank USA, National Association	JPMorgan Chase Bank N.A.	JPMorgan Securities LLC	Merrill Lynch International	Morgan Stanley & Co. International PLC	NatWest Markets PLC	State Street Bank and Trust Co.	UBS AG	WestPac Banking Corp.	Total
Total collateral received (pledged)†##	\$2,122,607	\$205,280	\$—	\$(195,902)	\$(513,524)	\$(2,091,697)	\$—	\$(1,226,460)	\$107,776	\$3,268,000	\$(3,422,612)	\$—	\$(787,275)	\$—	\$(89,937)	\$(19,994)	\$—	
Net amount	\$—	\$—	\$1,490,988	\$(26,973)	\$(5,289)	\$(19)	\$(1,713)	\$—	\$—	\$424,004	\$—	\$(84,195)	\$—	\$(32,033)	\$94,017	\$88,602	\$(122,241)	
Controlled collateral received (including TBA commitments)**	\$2,279,337	\$260,000	\$—	\$—	\$—	\$—	\$—	\$—	\$114,762	\$3,268,000	\$214,000	\$—	\$—	\$—	\$—	\$—	\$—	\$6,136,099
Uncontrolled collateral received	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
Collateral (pledged) (including TBA commitments)**	\$—	\$—	\$—	\$(195,902)	\$(513,524)	\$(2,091,697)	\$—	\$(1,330,938)	\$—	\$—	\$(3,925,725)	\$—	\$(937,449)	\$—	\$(89,937)	\$(19,994)	\$—	\$(9,105,166)

* Excludes premiums, if any. Included in unrealized appreciation and depreciation on OTC swap contracts on the Statement of assets and liabilities.

** Included with Investments in securities on the Statement of assets and liabilities.

† Additional collateral may be required from certain brokers based on individual agreements.

Covered by master netting agreement (Note 1).

Any over-collateralization of total financial and derivative net assets is not shown. Collateral may include amounts related to unsettled agreements.

§ Includes current day's variation margin only as reported on the Statement of assets and liabilities, which is not collateralized. Cumulative appreciation/(depreciation) for futures contracts and centrally cleared swap contracts is represented in the tables listed after the fund's portfolio. Collateral pledged for initial margin on futures contracts and centrally cleared swap contracts, which is not included in the table above, amounted to \$340,812 and \$7,234,045, respectively.

Note 10: New accounting pronouncements

In March 2017, the Financial Accounting Standards Board issued Accounting Standards Update (ASU) No. 2017-08, *Receivables — Nonrefundable Fees and Other Costs* (Subtopic 310-20): *Premium Amortization on Purchased Callable Debt Securities*. The amendments in the ASU shorten the amortization period for certain callable debt securities held at a premium, to be amortized to the earliest call date. The ASU is effective for fiscal years and interim periods within those fiscal years beginning after December 15, 2018. Management is currently evaluating the impact, if any, of applying the provision.

Federal tax information (Unaudited)

For the reporting period, pursuant to §871(k) of the Internal Revenue Code, the fund hereby designates \$25,742,012 of distributions paid as qualifying to be taxed as interest-related dividends, and no monies to be taxed as short-term capital gain dividends for nonresident alien shareholders.

The Form 1099 that will be mailed to you in January 2020 will show the tax status of all distributions paid to your account in calendar 2019.

Shareholder meeting results (Unaudited)

April 26, 2019 annual meeting

At the meeting, a proposal to fix the number of Trustees at 11 was approved as follows:

Votes for	Votes against	Abstentions
90,314,546	1,432,337	1,164,554

At the meeting, each of the nominees for Trustees was elected as follows:

	Votes for	Votes withheld
Liaquat Ahamed	90,799,933	2,911,529
Ravi Akhoury	90,788,151	2,923,311
Barbara M. Baumann	91,297,000	2,414,462
Katinka Domotorffy	90,997,123	2,714,339
Catherine Bond Hill	91,068,404	2,643,058
Paul L. Joskow	90,797,953	2,913,509
Kenneth R. Leibler	90,886,331	2,825,131
Robert E. Patterson	90,654,358	3,057,104
George Putnam, III	90,743,552	2,967,910
Robert L. Reynolds	91,171,694	2,539,768
Manoj Singh	90,971,258	2,740,204

All tabulations are rounded to the nearest whole number.

About the Trustees

INDEPENDENT TRUSTEES



Liaquat Ahamed

Born 1952, Trustee since 2012

Principal occupations during past

five years: Pulitzer Prize-winning author of *Lords of Finance: The Bankers Who*

Broke the World, whose articles on economics have appeared in such publications as the *New York Times*, *Foreign Affairs*, and the *Financial Times*. Trustee of the Brookings Institution.

Other directorships: The Rohatyn Group, an emerging-market fund complex that manages money for institutions



Ravi Akhoury

Born 1947, Trustee since 2009

Principal occupations during past

five years: Trustee of the Rubin Museum.

From 1992 to 2007, was Chairman and CEO of MacKay Shields, a multi-product investment management firm.

Other directorships: English Helper, Inc., a private software company



Barbara M. Baumann

Born 1955, Trustee since 2010

Principal occupations during past

five years: President and Owner of Cross Creek Energy Corporation, a strategic

consultant to domestic energy firms and direct investor in energy projects. Current Treasurer of the Board and Chair of the Finance Committee, The Denver Foundation. Member of the Finance Committee, the Children's Hospital of Colorado. Senior Advisor to First Reserve, an energy and private equity firm.

Other directorships: Buckeye Partners, L.P., a publicly traded master limited partnership focused on pipeline transport, storage, and distribution of petroleum products; Devon Energy Corporation, an independent natural gas and oil exploration and production company



Katinka Domotorffy

Born 1975, Trustee since 2012

Principal occupations during past five

years: Voting member of the Investment Committees of the Anne Ray Charitable

Trust and Margaret A. Cargill Foundation, part of the Margaret A. Cargill Philanthropies. Until 2011, Partner, Chief Investment Officer, and Global Head of Quantitative Investment Strategies at Goldman Sachs Asset Management.

Other directorships: Great Lakes Science Center; 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, served as the 10th President of Vassar College. Prior to 2006, was Provost of Williams College.

Other directorships: Director of Yale-NUS College; Alumni Fellow to the Yale Corporation



Dr. Paul L. Joskow

Born 1947, Trustee since 1997

Principal occupations during past

five years: Elizabeth and James Killian

Professor of Economics, Emeritus at the

Massachusetts Institute of Technology (MIT). Head of the MIT Department of Economics from 1994 to 1998 and Director of the MIT Center for Energy and Environmental Policy Research from 1999 through 2007. From 2008 to 2017, President of the Alfred P. Sloan Foundation, a philanthropic institution focused primarily on research and education issues related to science, technology, and economic performance.

Other directorships: Yale University; Exelon Corporation, an energy company focused on power services; Member Emeritus of the Board of Advisors of the Boston Symphony Orchestra; Prior to April 2013, served as Director of TransCanada Corporation and TransCanada Pipelines Ltd., energy companies focused on natural gas transmission, oil pipelines and power services

**Kenneth R. Leibler**

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

Principal occupations during past

five years: Founder and former Chairman of Boston Options Exchange, an electronic marketplace for the trading of derivative securities. Vice Chair Emeritus of the Board of Trustees of Beth Israel Deaconess Hospital in Boston, Massachusetts, and former Director of Beth Israel Deaconess Care Organization. Until November 2010, Director of Ruder Finn Group, a global communications and advertising firm.

Other directorships: Eversource Corporation, which operates New England's largest energy delivery system

**Robert E. Patterson**

Born 1945, Trustee since 1984

Principal occupations during past five

years: Until 2017, Co-Chairman of Cabot Properties, Inc., a private equity firm investing in commercial real estate, and Chairman or Co-Chairman of the Investment Committees for various Cabot Funds. Past Chairman and Trustee of the Joslin Diabetes Center.

**George Putnam, III**

Born 1951, Trustee since 1984

Principal occupations during past

five years: Chairman of New Generation Research, Inc., a publisher of financial advisory and other research services. Founder and President of New Generation Advisors, LLC, a registered investment advisor to private funds. Director of The Boston Family Office, LLC, a registered investment advisor.

Other directorships: Trustee of Gloucester Marine Genomics Institute. Until June 2019, 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. Served 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 Abt Associates, a global research firm focused on health, social and environmental policy, and international development. Trustee of Carnegie Mellon University. Trustee of Rubin Museum of Art. 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. Director of DXC Technology, a global IT services and consulting company

INTERESTED TRUSTEE**Robert L. Reynolds***

*Born 1952, Trustee since 2008 and
President of the Putnam Funds since 2009*

Principal occupations during past five

years: President and Chief Executive Officer of Putnam Investments since 2008 and, since 2014, 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. Inc., a holding company that owns Putnam Investments and Great-West Financial. Since 2019, Chair of Great-West Lifeco U.S. Inc. Prior to joining Putnam Investments, served as Vice Chairman and Chief Operating Officer of Fidelity Investments from 2000 to 2007.

* 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 July 31, 2019, there were 91 Putnam funds. All Trustees serve as Trustees of all Putnam funds.

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:

Robert T. Burns *(Born 1961)*

Vice President and Chief Legal Officer

Since 2011

General Counsel, Putnam Investments,
Putnam Management, and Putnam Retail Management

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

Nancy E. Florek *(Born 1957)*

Vice President, Director of Proxy Voting and Corporate
Governance, Assistant Clerk, and Assistant Treasurer

Since 2000

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

Susan G. Malloy *(Born 1957)*

Vice President and Assistant Treasurer

Since 2007

Head of Accounting and Middle Office Services,
Putnam Investments and Putnam Management

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

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 80 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, asset allocation, absolute return, and global sector 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

Marketing Services

Putnam Retail Management
100 Federal Street
Boston, MA 02110

Custodian

State Street Bank and Trust Company

Legal Counsel

Ropes & Gray LLP

Independent Registered Public Accounting Firm

KPMG LLP

Trustees

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