PUTNAM HIGH INCOME SECURITIES FUND Form N-O January 27, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file

number:

(811-05133)

Exact name of registrant as

specified in charter:

Putnam High Income Securities Fund

Address of principal executive

offices:

One Post Office Square, Boston, Massachusetts 02109

Name and address of agent for

service:

Robert T. Burns, Vice President

One Post Office Square

Boston, Massachusetts 02109

Copy to: Bryan Chegwidden, Esq.

Ropes & Gray LLP

1211 Avenue of the Americas New York, New York 10036

Registrant's telephone number, (617) 292-1000

including area code:

Date of fiscal year end: August 31, 2016

Date of reporting period: November 30, 2015

Item 1. Schedule of Investments:

Putnam High Income Securities Fund

The fund's portfolio 11/30/15 (Unaudited)

CORPORATE BONDS AND NOTES (41.2%)(a)

Principal amount Value

- ◆ Trading and Other Transactions by Us, UBS AG or Our or Its Affiliates in the Equity and Equity Derivative Markets May Impair the Value of the Securities We or our affiliates expect to hedge our exposure from the Securities by entering into equity and equity derivative transactions, such as over-the-counter options, futures or exchange-traded instruments. We, UBS AG or our or its affiliates may also engage in trading in instruments linked or related to the Index on a regular basis as part of our or its general broker-dealer and other businesses, for proprietary accounts, for other accounts under management or to facilitate transactions for customers, including block transactions. Such trading and hedging activities may affect the level of the Index and make it less likely that you will receive a positive return on your investment in the Securities. It is possible that we, UBS AG or our or its affiliates could receive substantial returns from these hedging and trading activities while the value of the Securities declines. We, UBS AG or our or its affiliates may also issue or underwrite other securities or financial or derivative instruments with returns linked or related to the Index. Introducing competing products into the marketplace in this manner could adversely affect the value of the Securities. Any of the foregoing activities described in this paragraph may reflect trading strategies that differ from, or are in direct opposition to, investors' trading and investment strategies related to the Securities.
- ◆ We, UBS AG or Our or Its Affiliates May Publish Research, Express Opinions or Provide Recommendations That Are Inconsistent with Investing in or Holding the Securities. Any Such Research, Opinions or Recommendations Could Adversely Affect the Level of the Index and the Value of the Securities We, UBS AG or our or its affiliates may publish research from time to time on financial markets and other matters that could adversely affect the value of the Securities, or express opinions or provide recommendations that are inconsistent with purchasing or holding the Securities. Any research, opinions or recommendations expressed by us, UBS AG or our or its affiliates may not be consistent with each other and may be modified from time to time without notice. You should make your own independent investigation of the merits of investing in the Securities and the Index.
- Potential Conflicts of Interest Deutsche Bank AG or its affiliates may engage in business with the issuers of the stocks composing the Index, which may present a conflict between Deutsche Bank AG and you, as a holder of the Securities. We and our affiliates play a variety of roles in connection with the issuance of the Securities, including acting as calculation agent, hedging our obligations under the Securities and determining the Issuer's estimated value of the Securities on the Trade Date and the price, if any, at which we or our affiliates would be willing to purchase the Securities from you in secondary market transactions. In performing these roles, our economic interests and those of our affiliates are potentially adverse to your interests as an investor in the Securities. The calculation agent will determine, among other things, all values, prices and levels required to be determined for the purposes of the Securities on any relevant date or time. The calculation agent will also be responsible for determining whether a market disruption event has occurred. Any determination by the calculation agent could adversely affect the return on the Securities.
- ◆ The U.S. Federal Income Tax Consequences of an Investment in the Securities Are Uncertain There is no direct legal authority regarding the proper U.S. federal income tax treatment of the Securities, and we do not plan to request a ruling from the Internal Revenue Service (the "IRS"). Consequently, significant aspects of the tax treatment of the Securities are uncertain, and the IRS or a court might not agree with the treatment of the Securities as prepaid financial contracts that are not debt. If the IRS were successful in asserting an alternative treatment for the Securities, the tax consequences of ownership and disposition of the Securities could be materially and adversely affected. In addition, as described below under "What Are the Tax Consequences of an Investment in the Securities?", in 2007 the U.S. Treasury Department and the IRS released a notice requesting

comments on various issues regarding the U.S. federal income tax treatment of "prepaid forward contracts" and similar instruments. Any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the Securities, possibly with retroactive effect. You should review carefully the section of the accompanying product supplement entitled "U.S. Federal Income Tax Consequences," and consult your tax adviser regarding the U.S. federal tax consequences of an investment in the Securities (including possible alternative treatments and the issues presented by the 2007 notice), as well as tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

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Scenario Analysis and Examples at Maturity

The following table and hypothetical examples below illustrate the Payment at Maturity per \$10.00 Face Amount of Securities for a hypothetical range of performances for the Index from -100.00% to +100.00% and assume an Initial Level of 1,000.00, a Trigger Level of 800.00 (80.00% of the hypothetical Initial Level) and a Participation Rate of 128.50% (the midpoint of the Participation Rate range of 125.00% to 132.00%). The actual Initial Level, Trigger Level and Participation Rate will be determined on the Trade Date. The hypothetical Payment at Maturity examples set forth below are for illustrative purposes only and may not be the actual returns applicable to a purchaser of the Securities. The actual Payment at Maturity will be determined based on the Final Level on the Final Valuation Date. You should consider carefully whether the Securities are suitable to your investment goals. The numbers appearing in the table and in the examples below may have been rounded for ease of analysis.

| Final Level 2,000.00 1,900.00 1,800.00 1,700.00 1,600.00 | Index Return (%) 100.00% 90.00% 80.00% 70.00% 60.00% | Payment at Maturity (\$) \$22.85 \$21.57 \$20.28 \$19.00 \$17.71 | Return on Securities (%) 128.50% 115.65% 102.80% 89.95% 77.10% |
|---|---|--|--|
| 1,500.00 | 50.00% | \$16.43 | 64.25% |
| 1,400.00 | 40.00% | \$15.14 | 51.40% |
| 1,300.00 | 30.00% | \$13.86 | 38.55% |
| 1,200.00 | 20.00% | \$12.57 | 25.70% |
| 1,100.00 | 10.00% | \$11.29 | 12.85% |
| 1,000.00 | 0.00% | \$10.00 | 0.00% |
| 900.00 | -10.00% | \$10.00 | 0.00% |
| 800.00 | -20.00% | \$10.00 | 0.00% |
| 700.00 | -30.00% | \$7.00 | -30.00% |
| 600.00 | -40.00% | \$6.00 | -40.00% |
| 500.00 | -50.00% | \$5.00 | -50.00% |
| 400.00 | -60.00% | \$4.00 | -60.00% |
| 300.00 | -70.00% | \$3.00 | -70.00% |
| 200.00 | -80.00% | \$2.00 | -80.00% |
| 100.00 | -90.00% | \$1.00 | -90.00% |
| 0.00 | -100.00% | \$0.00 | -100.00% |

Example 1 — The Final Level of 1,100.00 is greater than the Initial Level of 1,000.00, resulting in an Index Return of 10.00%. Because the Index Return is 10.00%, Deutsche Bank AG will pay you a Payment at Maturity of \$11.29 per \$10.00 Face Amount of Securities (a return of approximately 12.85% over the 4-year term of the Securities), calculated as follows:

 $$10.00 + ($10.00 \times Index Return \times Participation Rate)$ $$10.00 + ($10.00 \times 10.00\% \times 128.50\%) = 11.29

Example 2 — The Final Level is equal to the Initial Level of 1,000.00, resulting in an Index Return of zero. Because the Index Return is zero, Deutsche Bank AG will pay you a Payment at Maturity of \$10.00 per \$10.00 Face Amount of Securities (a return of 0.00% over the 4-year term of the Securities).

Example 3 — The Final Level of 900.00 is less than the Initial Level of 1,000.00, resulting in an Index Return of -10.00%. Because the Index Return is negative and the Final Level is greater than the Trigger Level, Deutsche Bank AG will pay you a Payment at Maturity of \$10.00 per \$10.00 Face Amount of Securities (a return of 0.00% over the 4-year term of the Securities).

Example 4 — The Final Level of 300.00 is less than the Initial Level of 1,000.00, resulting in an Index Return of -70.00%. Because the Index Return is negative and the Final Level is less than the Trigger Level, Deutsche Bank AG will pay you a Payment at Maturity of \$3.00 per \$10.00 Face Amount of Securities (a return of -70.00% over the 4-year term of the Securities), calculated as follows:

 $$10.00 + ($10.00 \times Index Return)$ $$10.00 + ($10.00 \times -70.00\%) = 3.00

If the Final Level is less than the Trigger Level, you will be fully exposed to any negative Index Return, resulting in a loss on the Face Amount that is proportionate to the percentage decline in the level of the Index. In this circumstance, you will lose a significant portion or all of your initial investment at maturity. Any payment on the Securities, including any repayment of the Face Amount at maturity, is subject to the creditworthiness of the Issuer and if the Issuer were to default on its payment obligations or become subject to a Resolution Measure, you could lose your entire investment.

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The Russell 2000® Index

The Russell 2000® Index is designed to track the performance of the small capitalization segment of the U.S. equity market. The Index measures the composite price performance of stocks of approximately 2,000 companies domiciled in the U.S. and its territories and consists of the smallest 2,000 companies included in the Russell 3000® Index. The Russell 2000® Index represents approximately 10% of the total market capitalization of the Russell 3000® Index. As of June 2014, business development companies are no longer eligible for inclusion in the Russell 2000® Index. Exchange traded funds and mutual funds are also excluded. This is just a summary of the Russell 2000® Index. For more information on the Russell 2000® Index, including information concerning its composition, calculation methodology and adjustment policy, please see the section entitled "The Russell Indices – The Russell 2000® Index" in the accompanying underlying supplement No. 1 dated October 1, 2012.

The graph below illustrates the performance of the Russell 2000® Index from January 2, 2008 to March 30, 2015. The closing level of the Russell 2000® Index on March 30, 2015 was 1,257.802. The dotted line represents a hypothetical Trigger Level equal to 80.00% of 1,257.802, which was the closing level of the Russell 2000® Index on March 30, 2015 (the actual Initial Level and Trigger Level will be set on the Trade Date). We obtained the historical closing levels of the Russell 2000® Index from Bloomberg L.P., and we have not participated in the preparation of, or verified, such information. The historical closing levels of the Russell 2000® Index should not be taken as an indication of future performance and no assurance can be given as to the Final Level or any future closing level of the Index. We cannot give you assurance that the performance of the Index will result in a positive return on your initial investment and you could lose a significant portion or all of your initial investment at maturity.

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What Are the Tax Consequences of an Investment in the Securities?

In the opinion of our special tax counsel, Davis Polk & Wardwell LLP, which is based on prevailing market conditions, the Securities should be treated for U.S. federal income tax purposes as prepaid financial contracts that are not debt. Generally, if this treatment is respected, (i) you should not recognize taxable income or loss prior to the taxable disposition of your Securities (including at maturity) and (ii) the gain or loss on your Securities should be capital gain or loss and should be long-term capital gain or loss if you have held the Securities for more than one year. The IRS or a court might not agree with this treatment, however, in which case the timing and character of income or loss on your Securities could be materially and adversely affected.

In 2007, the U.S. Treasury Department and the IRS released a notice requesting comments on various issues regarding the U.S. federal income tax treatment of "prepaid forward contracts" and similar instruments. The notice focuses in particular on whether beneficial owners of these instruments should be required to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; the relevance of factors such as the nature of the underlying property to which the instruments are linked; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. persons should be subject to withholding tax; and whether these instruments are or should be subject to the "constructive ownership" regime, which very generally can operate to recharacterize certain long-term capital gain as ordinary income and impose a notional interest charge. While the notice requests comments on appropriate transition rules and effective dates, any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the Securities, possibly with retroactive effect.

You should review carefully the section of the accompanying product supplement entitled "U.S. Federal Income Tax Consequences." The preceding discussion, when read in combination with that section, constitutes the full opinion of our special tax counsel regarding the material U.S. federal income tax consequences of owning and disposing of the Securities.

Under current law, the United Kingdom will not impose withholding tax on payments made with respect to the Securities.

For a discussion of certain German tax considerations relating to the Securities, you should refer to the section in the accompanying prospectus supplement entitled "Taxation by Germany of Non-Resident Holders."

You should consult your tax adviser regarding the U.S. federal tax consequences of an investment in the Securities (including possible alternative treatments and the issues presented by the 2007 notice), as well as tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

Supplemental Plan of Distribution (Conflicts of Interest)

UBS Financial Services Inc. and its affiliates, and Deutsche Bank Securities Inc., acting as agents for Deutsche Bank AG, will receive or allow as a concession or reallowance to other dealers discounts and commissions of \$0.00 per \$10.00 Face Amount of Securities. We will agree that UBS Financial Services Inc. may sell all or part of the Securities that it purchases from us to investors or to its affiliates at the price to public indicated on the cover of the pricing supplement, the document that will be filed pursuant to Rule 424(b)(2) containing the final pricing terms of the Securities. With respect to sales to certain fee-based advisory accounts for which UBS Financial Services Inc. is an investment adviser, UBS Financial Services Inc. will act as placement agent for such sales at an Issue Price of \$10.00 per Security and will not receive a sales commission. DBSI, one of the agents for this offering, is our affiliate. Because DBSI is both our affiliate and a member of the Financial Industry Regulatory Authority, Inc. ("FINRA"), the underwriting arrangement for this offering must comply with the requirements of FINRA Rule 5121 regarding a FINRA member firm's distribution of the securities of an affiliate and related conflicts of interest. In accordance with FINRA Rule 5121, DBSI may not make sales in this offering of the Securities to any of its discretionary accounts without the prior written approval of the customer. See "Underwriting (Conflicts of Interest)" in the accompanying product supplement.