

PUTNAM MANAGED MUNICIPAL INCOME TRUST
Form DEF 14A
March 14, 2007

SCHEDULE 14A INFORMATION

**Proxy Statement Pursuant to Section 14(A)
of the Securities Exchange Act of 1934**

Filed by the Registrant / X /

Filed by a Party other than the Registrant / /

Check the appropriate box:

- / / Preliminary Proxy Statement.
- / / Confidential, for use of the Commission Only (as permitted by Rule 14a-6(e) (2)).
- / X / Definitive Proxy Statement.
- / / Definitive Additional Materials.
- / / Soliciting Material Pursuant to § 240.14a-12.

**PUTNAM AMERICAN GOVERNMENT INCOME FUND
PUTNAM ARIZONA TAX EXEMPT INCOME FUND
PUTNAM ASSET ALLOCATION FUNDS
PUTNAM CALIFORNIA INVESTMENT GRADE MUNICIPAL TRUST
PUTNAM CALIFORNIA TAX EXEMPT INCOME FUND
PUTNAM CAPITAL APPRECIATION FUND
PUTNAM CLASSIC EQUITY FUND
PUTNAM CONVERTIBLE INCOME-GROWTH TRUST
PUTNAM DISCOVERY GROWTH FUND
PUTNAM DIVERSIFIED INCOME TRUST
PUTNAM EQUITY INCOME FUND
PUTNAM EUROPE EQUITY FUND
THE PUTNAM FUND FOR GROWTH AND INCOME
PUTNAM FUNDS TRUST
THE GEORGE PUTNAM FUND OF BOSTON
PUTNAM GLOBAL EQUITY FUND
PUTNAM GLOBAL INCOME TRUST
PUTNAM GLOBAL NATURAL RESOURCES FUND
PUTNAM HEALTH SCIENCES TRUST
PUTNAM HIGH INCOME SECURITIES FUND
PUTNAM HIGH YIELD ADVANTAGE FUND
PUTNAM HIGH YIELD MUNICIPAL TRUST
PUTNAM HIGH YIELD TRUST
PUTNAM INCOME FUND
PUTNAM INTERNATIONAL EQUITY FUND
PUTNAM INVESTMENT FUNDS
PUTNAM INVESTMENT GRADE MUNICIPAL TRUST
PUTNAM INVESTORS FUND**

PUTNAM LIMITED DURATION GOVERNMENT INCOME FUND

**PUTNAM MANAGED MUNICIPAL INCOME TRUST
PUTNAM MASSACHUSETTS TAX EXEMPT INCOME FUND
PUTNAM MASTER INTERMEDIATE INCOME TRUST
PUTNAM MICHIGAN TAX EXEMPT INCOME FUND
PUTNAM MINNESOTA TAX EXEMPT INCOME FUND
PUTNAM MONEY MARKET FUND
PUTNAM MUNICIPAL BOND FUND
PUTNAM MUNICIPAL OPPORTUNITIES TRUST
PUTNAM NEW JERSEY TAX EXEMPT INCOME FUND
PUTNAM NEW OPPORTUNITIES FUND
PUTNAM NEW YORK INVESTMENT GRADE MUNICIPAL TRUST
PUTNAM NEW YORK TAX EXEMPT INCOME FUND
PUTNAM OHIO TAX EXEMPT INCOME FUND
PUTNAM OTC & EMERGING GROWTH FUND
PUTNAM PENNSYLVANIA TAX EXEMPT INCOME FUND
PUTNAM PREMIER INCOME TRUST
PUTNAM RETIREMENTREADY® FUNDS
PUTNAM TAX EXEMPT INCOME FUND
PUTNAM TAX EXEMPT MONEY MARKET FUND
PUTNAM TAX-FREE HEALTH CARE FUND
PUTNAM TAX-FREE INCOME TRUST
PUTNAM TAX SMART FUNDS TRUST
PUTNAM U.S. GOVERNMENT INCOME TRUST
PUTNAM UTILITIES GROWTH AND INCOME FUND
PUTNAM VARIABLE TRUST
PUTNAM VISTA FUND
PUTNAM VOYAGER FUND**

(Name of Registrant as Specified in its Charter)

(Name of Person(s) Filing Proxy Statement,
if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

/ X / No fee required.

/ / Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

- (1) Title of each class of securities to which transaction applies:
- (2) Aggregate number of securities to which transaction applies:
- (3) Per unit price or other underlying value of transaction
computed pursuant to Exchange Act Rule 0-11 (set forth the
amount on which the filing fee is calculated and state how it
was determined):
- (4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

/ / Fee paid previously with preliminary materials.

/ / Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

Proxy statement

March 9, 2007

A Message from the Chairman of the Putnam Funds

Dear Fellow Shareholder:

I am writing to ask you, as a shareholder of your Putnam fund, to vote on the sale of Putnam Investments to Great-West Lifeco Inc., a subsidiary of Power Financial Corporation, by approving new management contracts. This proposal will be considered at a special meeting of shareholders called for May 15, 2007. Great-West Lifeco has agreed to acquire Putnam Investments Trust, which owns your fund's investment adviser, Putnam Investment Management, LLC (Putnam Management).

The Putnam funds' Board of Trustees has been actively involved in the sale process, and will continue in its role of overseeing the Putnam funds on your behalf. We are asking you to approve a new management contract with Putnam Management that will become effective when the transaction with Great-West Lifeco is completed, so that there will not be any disruption in the investment management or in the services that your fund receives. The Trustees of the Putnam funds unanimously recommend that you vote FOR the approval of a new management contract.

It is important for you, as a Putnam fund shareholder, to know that no changes to the Putnam funds, to the way Putnam manages money, or to the funds' management teams are expected as a result of this transaction. Putnam will continue to operate as a separate company headquartered in Boston, and will retain its name. There will be no change in your fund's fee rates or in the services that your fund receives as a result of the transaction. In addition, the funds will not bear any of the costs associated with this proxy solicitation.

Please vote promptly. When shareholders do not return their proxies in sufficient numbers, follow-up solicitations are required. You can vote by returning your proxy ballot in the envelope provided. Or you can call the toll-free number or visit the Web site address

indicated on the ballot.

Your vote is important to us. We appreciate the time and consideration I am sure you will give these important matters. If you have questions about the proposal, please call our proxy information line at 1-866-905-2396 or contact your financial representative.

Sincerely yours,

John A. Hill
Chairman of the Trustees

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PROXY CARD(S) ENCLOSED

If you have any questions, please call our proxy information line at 1-866-905-2396 or call your financial advisor.

Notice of a Special Meeting of Shareholders

To the Shareholders of:

PUTNAM AMERICAN GOVERNMENT INCOME FUND	PUTNAM INVESTMENT GRADE MUNICIPAL TRUST
PUTNAM AMT-FREE INSURED MUNICIPAL FUND	PUTNAM INVESTORS FUND
PUTNAM ARIZONA TAX EXEMPT INCOME FUND	PUTNAM LIMITED DURATION GOVERNMENT INCOME FUND
PUTNAM ASSET ALLOCATION: BALANCED PORTFOLIO	PUTNAM MANAGED MUNICIPAL INCOME TRUST
PUTNAM ASSET ALLOCATION: CONSERVATIVE PORTFOLIO	PUTNAM MASSACHUSETTS TAX EXEMPT INCOME FUND
PUTNAM ASSET ALLOCATION: GROWTH PORTFOLIO	PUTNAM MASTER INTERMEDIATE INCOME TRUST
PUTNAM CALIFORNIA INVESTMENT GRADE MUNICIPAL TRUST	PUTNAM MICHIGAN TAX EXEMPT INCOME FUND
PUTNAM CALIFORNIA TAX EXEMPT INCOME FUND	PUTNAM MID CAP VALUE FUND
PUTNAM CAPITAL APPRECIATION FUND	PUTNAM MINNESOTA TAX EXEMPT INCOME FUND
PUTNAM CAPITAL OPPORTUNITIES FUND	PUTNAM MONEY MARKET FUND
PUTNAM CLASSIC EQUITY FUND	PUTNAM MUNICIPAL BOND FUND
PUTNAM CONVERTIBLE INCOME- GROWTH TRUST	PUTNAM MUNICIPAL OPPORTUNITIES TRUST
PUTNAM DISCOVERY GROWTH FUND	PUTNAM NEW JERSEY TAX EXEMPT INCOME FUND
PUTNAM DIVERSIFIED INCOME TRUST	PUTNAM NEW OPPORTUNITIES FUND
PUTNAM EQUITY INCOME FUND	PUTNAM NEW VALUE FUND
PUTNAM EUROPE EQUITY FUND	PUTNAM NEW YORK INVESTMENT GRADE MUNICIPAL TRUST
PUTNAM FLOATING RATE INCOME FUND	PUTNAM NEW YORK TAX EXEMPT INCOME FUND
THE PUTNAM FUND FOR GROWTH AND INCOME	PUTNAM OHIO TAX EXEMPT INCOME
THE GEORGE PUTNAM FUND OF BOSTON	

PUTNAM GLOBAL EQUITY FUND	FUND
PUTNAM GLOBAL INCOME TRUST	PUTNAM OTC & EMERGING GROWTH
PUTNAM GLOBAL NATURAL RESOURCES	FUND
FUND	PUTNAM PENNSYLVANIA TAX EXEMPT
PUTNAM GROWTH OPPORTUNITIES	INCOME FUND
FUND	PUTNAM PREMIER INCOME TRUST
PUTNAM HEALTH SCIENCES TRUST	PUTNAM PRIME MONEY MARKET FUND
PUTNAM HIGH INCOME SECURITIES FUND	PUTNAM RESEARCH FUND
PUTNAM HIGH YIELD ADVANTAGE FUND	PUTNAM RETIREMENTREADY 2050 FUND
PUTNAM HIGH YIELD MUNICIPAL TRUST	PUTNAM RETIREMENTREADY 2045 FUND
PUTNAM HIGH YIELD TRUST	PUTNAM RETIREMENTREADY 2040 FUND
PUTNAM INCOME FUND	PUTNAM RETIREMENTREADY 2035 FUND
PUTNAM INCOME STRATEGIES FUND	PUTNAM RETIREMENTREADY 2030 FUND
PUTNAM INTERNATIONAL CAPITAL	PUTNAM RETIREMENTREADY 2025 FUND
OPPORTUNITIES FUND	PUTNAM RETIREMENTREADY 2020 FUND
PUTNAM INTERNATIONAL EQUITY FUND	PUTNAM RETIREMENTREADY 2015 FUND
PUTNAM INTERNATIONAL GROWTH AND	PUTNAM RETIREMENTREADY 2010 FUND
INCOME FUND	PUTNAM RETIREMENTREADY MATURITY
PUTNAM INTERNATIONAL NEW	FUND
OPPORTUNITIES FUND	PUTNAM SMALL CAP GROWTH FUND

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PUTNAM SMALL CAP VALUE FUND	PUTNAM VT GLOBAL EQUITY FUND
PUTNAM TAX EXEMPT INCOME FUND	PUTNAM VT GROWTH AND INCOME FUND
PUTNAM TAX EXEMPT MONEY MARKET	PUTNAM VT GROWTH OPPORTUNITIES
FUND	FUND
PUTNAM TAX-FREE HEALTH CARE FUND	PUTNAM VT HEALTH SCIENCES FUND
PUTNAM TAX-FREE HIGH YIELD FUND	PUTNAM VT HIGH YIELD FUND
PUTNAM TAX SMART EQUITY FUND®	PUTNAM VT INCOME FUND
PUTNAM U.S. GOVERNMENT INCOME	PUTNAM VT INTERNATIONAL EQUITY
TRUST	FUND
PUTNAM UTILITIES GROWTH AND	PUTNAM VT INTERNATIONAL GROWTH
INCOME FUND	AND INCOME FUND
PUTNAM VISTA FUND	PUTNAM VT INTERNATIONAL NEW
PUTNAM VOYAGER FUND	OPPORTUNITIES FUND
PUTNAM VT AMERICAN GOVERNMENT	PUTNAM VT INVESTORS FUND
INCOME FUND	PUTNAM VT MID CAP VALUE FUND
PUTNAM VT CAPITAL APPRECIATION	PUTNAM VT MONEY MARKET FUND
FUND	PUTNAM VT NEW OPPORTUNITIES FUND
PUTNAM VT CAPITAL OPPORTUNITIES	PUTNAM VT NEW VALUE FUND
FUND	PUTNAM VT OTC & EMERGING GROWTH
PUTNAM VT DISCOVERY GROWTH FUND	FUND
PUTNAM VT DIVERSIFIED INCOME FUND	PUTNAM VT RESEARCH FUND
PUTNAM VT EQUITY INCOME FUND	PUTNAM VT SMALL CAP VALUE FUND
PUTNAM VT THE GEORGE PUTNAM FUND	PUTNAM VT UTILITIES GROWTH AND
OF BOSTON	INCOME FUND

PUTNAM VT GLOBAL ASSET ALLOCATION FUND **PUTNAM VT VISTA FUND**
PUTNAM VT VOYAGER FUND

*** This is the formal notice for your fund's shareholder meeting. It tells you what proposal will be voted on and the time and place of the meeting, in case you wish to attend in person.**

A Special Meeting of Shareholders of your fund will be held on Tuesday, May 15, 2007 at 11:00 a.m., Boston time, at the principal offices of the fund on the 8th floor of One Post Office Square, Boston, Massachusetts 02109, to consider the following:

1. Approving a new management contract for your fund.

By Judith Cohen, Clerk, and by the Trustees

John A. Hill, Chairman
Jameson A. Baxter, Vice Chairman
George Putnam, III, President

Charles B. Curtis
Myra R. Drucker
Charles E. Haldeman, Jr.
Paul L. Joskow
Elizabeth T. Kennan
Kenneth R. Leibler
Robert E. Patterson
W. Thomas Stephens
Richard B. Worley

We urge you to mark, sign, date, and mail the enclosed proxy in the postage-paid envelope provided or to record your voting instructions by telephone or via the Internet so that you will be represented at the meeting.

March 9, 2007

Proxy Statement

This document gives you the information you need to vote on the proposal. Much of the information is required under rules of the Securities and Exchange Commission (SEC); some of it is technical. If there is anything you don't understand, please call our proxy information line at 1-866-905-2396 or call your financial representative.

*** Why has a special meeting of shareholders been called?**

On January 31, 2007, Marsh & McLennan Companies, Inc. (Marsh & McLennan), the ultimate parent company of Putnam Investment Management, LLC (Putnam Management), your fund's investment adviser, entered into a Stock Purchase Agreement with Great-West Lifeco Inc. (Lifeco). Lifeco is a financial services holding company with operations in Canada, the United States and Europe and is a member of the Power Financial Corporation group of companies. Under the Stock Purchase Agreement, Lifeco will, through a direct or indirect wholly owned subsidiary (Great-West), acquire 100% of Putnam Investments Trust, which owns Putnam, LLC (Putnam Investments), the parent company of Putnam Management and the other Putnam companies.

As a result of this transaction, your fund's management contract with Putnam Management will terminate. This is because the Investment Company Act of 1940, as amended (the "1940 Act"), which regulates investment companies such as your fund, requires management contracts to terminate automatically when there is a "change of control" of a fund's investment adviser. The transaction with Lifeco will result in a "change of control" of Putnam Management, your fund's investment adviser. Thus, your fund's management contract with Putnam Management will automatically terminate when the transaction closes, and your fund's shareholders must approve a new management contract. We are recommending that you approve a new management contract with Putnam Management so that Putnam Management can continue as your fund's investment adviser after the transaction. This proxy statement describes Lifeco, the transaction, and the new management contract proposed for your fund.

*** How will the change of control affect Putnam Management?**

The change of control is not expected to have a material effect on Putnam Management. Putnam Management will operate as a stand-alone subsidiary of Lifeco and is expected to retain its brand and its existing management, investment and other service teams.

*** How does the proposed new management contract differ from your fund's current management contract?**

The proposed new management contract is substantially identical to the current contract. Although there are some differences between your fund's current management contract and the proposed new management contract, which are described in this proxy statement, there will be no change in the services that your fund will receive.

*** Will your fund's total fees for advisory and administrative services change?**

No, there will be no change in your fund's total fees for investment management and administrative services. For the two funds mentioned above that currently have separate management and administrative services contracts, both sets of services are proposed to be covered by a single management contract with a single fee that will not exceed the sum of the current investment management and administrative services fee.

*** Who is asking for your vote?**

The enclosed proxy is solicited by the Trustees of the Putnam funds for use at the special meeting of shareholders of each fund to be held on Tuesday, May 15, 2007 and, if your fund's meeting is adjourned, at any later meetings, for the purposes stated in the Notice of a Special Meeting (see previous pages). The Notice of a Special Meeting, the proxy and the Proxy Statement are being mailed beginning on or about March 14, 2007.

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*** How do your fund's Trustees recommend that shareholders vote on the proposal?**

The Trustees unanimously recommend that you vote FOR the proposal.

*** Who is eligible to vote?**

Shareholders of record of each fund at the close of business on Thursday, February 15, 2007 (the "Record Date") are entitled to be present and to vote at the special meeting or any adjourned meeting.

The number of shares of each fund outstanding on the Record Date is shown in **Appendix A**. Each share is entitled to one vote, with fractional shares voting proportionately. Shares represented by your duly executed proxy will be voted in accordance with your instructions. If you sign the proxy card but don't fill in a vote, your shares will be voted in accordance with the Trustees' recommendation. If any other business is brought before your fund's special meeting, your shares will be voted at the discretion of the persons designated on the proxy card.

Shareholders of each fund vote separately with respect to the proposal. The outcome of a vote affecting one fund does not affect any other fund.

The Proposal

1. APPROVING A NEW MANAGEMENT CONTRACT FOR YOUR FUND

* Background Information about the Transaction

On January 31, 2007, Marsh & McLennan, the ultimate parent company of Putnam Management, your fund's investment adviser, entered into a Stock Purchase Agreement with Lifeco. Under the Stock Purchase Agreement, Lifeco will, through Great-West, its direct or indirect wholly owned subsidiary, acquire 100% of Putnam Investments Trust, a holding company that, except for a minority stake owned by employees, is owned by Marsh & McLennan. Putnam Investments Trust owns Putnam, LLC (Putnam Investments), which in turn owns Putnam Management and the other Putnam companies.

After the transaction, Putnam Management will continue to be a wholly owned subsidiary of Putnam Investments. Putnam Investments will continue to be a wholly owned subsidiary of Putnam Investments Trust. Putnam Investments Trust will become a wholly owned subsidiary of Great-West, which will be a wholly owned holding company subsidiary of Lifeco. Lifeco is a Canadian financial services holding company with interests in the life insurance, health insurance, retirement, savings, and reinsurance businesses. Its businesses have operations in Canada, the United States and Europe. Power Financial Corporation ("Power Financial"), an international management and holding company of financial services businesses, owns approximately 70.6% of the voting shares of Lifeco. Power Corporation of Canada, a diversified international management and holding company, owns approximately 66.4% of the voting securities of Power Financial. The Honorable Paul Desmarais, Sr., through a group of private holding companies which he controls, has voting control of Power Corporation of Canada.

The address of Mr. Desmarais, Power Corporation of Canada, and Power Financial is 751 Victoria Square, Montreal, Quebec H2Y 2J3. The address of Lifeco is 100 Osborne Street North, Winnipeg, Manitoba, R3C 3A5. The address of Great-West will be 8515 East Orchard Road, Greenwood Village, Colorado 80111.

The funds have been informed that Lifeco's strategic purpose for acquiring Putnam Investments is to establish a strong presence in the United States asset management business. Lifeco values Putnam

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Investments' focus on the advice segment of the U.S. market, its significant investment management capabilities and diversified range of investment products, its high quality wholesaling organization with strong relationships with financial advisers, its distribution capabilities in Japan and Europe, and its experienced management team. Lifeco has said that it intends to operate Putnam Investments as a separate business unit, retaining Putnam Investments' and Putnam Management's existing management team and other key professionals. Although Lifeco may pursue sub-advisory and other synergistic opportunities for Putnam Investments within the Power Financial group of companies, it does not anticipate significant integration issues or other disruption, in light of its intent to continue to operate Putnam Investments, Putnam Management and the other Putnam companies on a stand-alone basis and its experience in operating other companies that it has acquired as stand-alone businesses. Lifeco has advised the funds that it has no current plans to make any changes to the operations of the funds. In particular, it has advised that it has no current plans to make changes with respect to existing management fees, expense limitations, distribution arrangements, or quality of services provided to shareholders. In addition, Lifeco has advised that it intends to retain the Putnam brand and to support Putnam Investments' current business strategy and Putnam Management's investment management philosophy so as to minimize disruption and change for fund shareholders and the Putnam organization. Lifeco does not plan to consolidate any Putnam fund with any other company in the Power Financial group of companies. Putnam Management has been advised that, following the transaction, it is contemplated that its organizational form will be converted from a Delaware limited liability company to a Delaware limited partnership. The General Partner will be Putnam Investments LP. This will not have any effect on Putnam Management's operations or the services provided to your fund.

Although the transaction is not expected to result in significant change in the operations of Putnam Management

or its management of the funds, as a result of this transaction, which is expected to close in the middle of 2007, your fund's management contract with Putnam Management will terminate. This is because the 1940 Act, which regulates investment companies such as your fund, requires management contracts to terminate automatically when there is a "change of control" of the investment adviser. The transaction with Lifeco will result in a "change of control" of Putnam Management, your fund's investment adviser. Thus, your fund's shareholders must approve a new management contract. The Trustees are recommending that you approve a new management contract with Putnam Management so that Putnam Management can continue as your fund's investment adviser.

*** The Stock Purchase Agreement**

Under the Stock Purchase Agreement, Lifeco will acquire 100% of the ownership interests of Putnam Investments Trust, which owns Putnam Investments, the owner of Putnam Management, your fund's current investment adviser. These Putnam Investments Trust ownership interests are in the form of class A shares, all of which are owned by Marsh & McLennan, and class B shares and options to purchase class B shares, all of which are held by Putnam employees. The estimated total value of the transaction is approximately \$3.9 billion (based on the estimated value of Putnam Investments Trust's equity interests on September 30, 2006). The final price is subject to certain adjustments at closing.

The Stock Purchase Agreement requires Lifeco, or its permitted assignee, at the closing of the transaction, to purchase all of the issued and outstanding class A common shares of Putnam Investments Trust currently held by Marsh & McLennan. Lifeco will assign its right to purchase the class A shares of Putnam Investments Trust to Great-West. Lifeco remains fully liable for its obligations under the Stock Purchase Agreement. Also at the closing, all of the issued and outstanding class B common shares and options currently held by Putnam employees under Putnam Investments Trust's Equity Partnership Plan will be cancelled according to the terms of the Equity Partnership Plan, and each Putnam employee will receive cash payments for these shares and options, a portion of which will be paid at the closing and the remainder of which will, subject to the satisfaction of certain conditions, be paid over a three-year period, provided generally that the employee is still employed by Putnam on the date of payment. These deferred payments to employees may increase or decrease based upon, among other things, the performance of the Putnam funds. The transaction structure is subject to modification by Marsh & McLennan and Lifeco before closing to improve the tax efficiency of the transaction for Lifeco and to limit the extent to which the transaction consideration is subject to withholding requirements. It is not expected that any modification would result in any significant change in

Putnam Management's operations or its management of the funds.

Consummation of the transaction is subject to customary terms and conditions, including, among others, Marsh & McLennan and Lifeco obtaining certain regulatory approvals and the approval of new management contracts by shareholders of a substantial number of the Putnam funds. Although there is no assurance that the transaction will be completed, if each of the terms and conditions is satisfied or waived, the parties to the transaction anticipate that the closing will take place in the middle of 2007. If the transaction is not completed, your fund's current management contract with Putnam Management will not terminate because there will be no change of control. Putnam Management would continue to serve as your fund's investment adviser under the current management contract or, if approved at the shareholder meeting, under the proposed new management contract described in this proxy statement, effective as of January 1, 2008 or such other date as the Trustees may establish.

*** Section 15(f) of the 1940 Act**

Lifeco has agreed to comply with Section 15(f) of the 1940 Act. Section 15(f) provides a non-exclusive "safe harbor" for an investment company's adviser or any affiliated persons of the adviser to receive any amount or benefit in connection with a change of control of the investment adviser as long as two conditions are met. First, for a period of three years after the change of control, at least 75% of the directors of the investment company must not be interested persons of the adviser or the predecessor adviser. Second, there must not be any "unfair burden" imposed on the investment company as a result of the transaction or any express or implied terms, conditions or understandings relating to the transaction. Section 15(f) defines "unfair burden" to include any arrangement during the two-year period after the transaction in which the adviser or predecessor adviser, or any interested

person of the adviser or predecessor adviser, receives or is entitled to receive any compensation, directly or indirectly, from the investment company or its security holders (other than fees for *bona fide* investment advisory or other services) or from any person in connection with the purchase or sale of securities or other property to, from or on behalf of the investment company (other than *bona fide* ordinary compensation as principal underwriter for the investment company). Putnam Management has advised the funds that neither it, Marsh & McLennan nor Lifeco, after reasonable inquiry, is aware of any express or implied term, condition, arrangement or understanding that would impose an "unfair burden" on the funds as a result of the transaction. Marsh & McLennan and Lifeco have agreed to pay all costs incurred by the funds in connection with this transaction, including all costs of this proxy solicitation.

*** The Proposed New Management Contract; Comparison with the Funds' Current Management Contracts**

The Trustees have unanimously approved, and recommend to the shareholders of each fund that they approve, a new management contract between each fund and Putnam Management. The form of the proposed new management contract is attached at **Appendix B**. You should refer to **Appendix B** for the complete terms of your fund's proposed management contract.

On being presented with the need to approve new management contracts, the Trustees decided to take the opportunity to standardize, clarify and modernize various provisions of the current contracts. Because they were implemented at different times, the funds' current management contracts differ in some cases from fund to fund, and some contain outdated provisions. The Trustees believe that this standardization will benefit shareholders by making the administration of the funds' management contracts more efficient. In addition, Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund, which currently have both a management contract and an administrative services contract, will each combine those two contracts into a single management contract. All of the other Putnam funds receive investment management and administrative services under their current management contracts.

Except as described below, the terms of the proposed new management contracts are substantially identical to those of the current contracts. The terms of the proposed new management contracts, and certain differences between the proposed new management contracts and the current contracts, are described generally below. A more detailed description of certain differences between the proposed and current management (and administrative services, as applicable) contracts is attached at **Appendix C**. The date of each fund's current management contract, the date on which it was last approved by shareholders, and the date on which its continuance was last approved by the Board of Trustees is set forth in **Appendix D**.

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Fees. There is no change in the rate of the fees that the funds will pay Putnam Management under the proposed new management contract, except in the case of Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund (see below). The current fee schedule for investment management services and, if applicable, administrative services, for each fund is set forth in **Appendix E**. The actual fees paid by some funds are subject to expense limitations to which Putnam Management has agreed. It is not anticipated that any existing expense limitation commitment will change as a result of the transaction.

Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund currently have separate investment management and administrative services contracts with Putnam Management. However, the proposed new management contract for each fund, including Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund, addresses the provision of both investment management and administrative services and includes a single fee for both of these services. There is no change in the aggregate rate that Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund will pay to Putnam Management for investment management and administrative services.

Investment Management Services. The proposed new management contract for your fund provides that Putnam Management will furnish continuously an investment program for the fund, determining what investments to purchase, hold, sell or exchange and what portion of the fund's assets will be held uninvested, in compliance with the fund's governing documents, investment objectives, policies and restrictions, and subject to the oversight and

control of the Trustees. Putnam Management has assured the funds and the Trustees that after the transaction it will continue to provide the same level of services to each fund and that the transaction will not have an adverse impact on the scope or nature of the services that each fund receives.

Putnam Management is authorized under the proposed new management contract to place orders for the purchase and sale of portfolio investments for your fund with brokers or dealers that Putnam Management selects. Putnam Management must select brokers and dealers, and place orders, using its best efforts to obtain for the funds the most favorable price and execution available, except that Putnam Management may pay higher brokerage commissions if it determines in good faith that the commission is reasonable in relation to the value of brokerage and research services provided by the broker or dealer (a practice commonly known as "soft dollars"). Putnam Management may make this determination in terms of either the particular transaction or Putnam Management's overall responsibilities with respect to a fund and to other clients of Putnam Management as to which Putnam Management exercises investment discretion. Putnam Management's use of soft dollars is subject to policies established by the SEC and by the Trustees from time to time.

Each of the funds' current management contracts contains similar provisions relating to the provision of investment management services.

Delegation of Responsibilities. The proposed new management contract for your fund expressly provides that Putnam Management may, in its discretion and with the approval of the Trustees (including a majority of the Trustees who are not "interested persons") and, if required, the approval of shareholders, delegate responsibilities under the contract to one or more sub-advisers or sub-administrators. The separate costs of employing any sub-adviser or sub-administrator must be borne by Putnam Management or the sub-adviser or sub-administrator, not by the fund. Putnam Management is responsible for overseeing the performance of any sub-adviser or sub-administrator and remains fully responsible to the fund under the proposed new management contract regardless of whether it delegates any responsibilities.

None of the current management contracts addresses delegation of responsibilities. Putnam Management has no plans to delegate services except as described below.

At present, Putnam Management has delegated certain responsibilities to sub-advisers, as described below under the heading "Sub-Adviser Arrangements." The sub-management contracts governing these arrangements will terminate at the same time as the current management contracts of these funds. Pursuant to the proposed new management contract (and as otherwise permitted by law), Putnam Management will enter into equivalent sub-management contracts with these sub-advisers, effective at the time the proposed new management contracts become effective, with respect to these funds. See "Sub-Adviser Arrangements" below for a description of the sub-advisers, and see **Appendix F** for copies of the current sub-management contracts. The new sub-management contracts will be identical to the

current sub-management contracts except for the effective dates. Shareholders should be aware that a vote to approve your fund's new contract will have the effect of voting for the continuation of these arrangements.

In addition, Putnam Management has delegated certain administrative, pricing and bookkeeping services to State Street Bank and Trust Company. This delegation will not be affected by the transaction.

Administrative Services. The proposed new management contracts, and all of the current management contracts with the exception of those applying to Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund, provide that Putnam Management will manage, supervise and conduct the other (i.e., non-investment) affairs and business of the fund and incidental matters. These administrative services include providing suitable office space for the fund and administrative facilities, such as bookkeeping, clerical personnel and equipment necessary for the efficient conduct of the fund's affairs, including determination of the net asset value of the fund, but excluding shareholder accounting services.

Expenses. The proposed new management contracts require Putnam Management to bear the expenses associated with (i) furnishing all necessary investment and management facilities, including salaries of personnel, required for it to execute its duties faithfully, (ii) providing suitable office space for the fund and (iii) providing

administrative services. The proposed new management contracts also provide that the fund will pay the fees of its Trustees and will reimburse Putnam Management for compensation paid to officers and persons assisting officers of the fund, and all or part of the cost of suitable office space, utilities, support services and equipment used by such officers and persons, as the Trustees may determine. Under this provision, the fund will bear the costs of the Trustees' independent staff, which assists the Trustees in overseeing each of the funds.

The current management contracts contain similar expense and reimbursement provisions.

Term and Termination. If approved by shareholders of your fund, the proposed new management contract will become effective upon its execution and will remain in effect continuously, unless terminated under the termination provisions of the contract. The proposed new management contract provides that the management contract may be terminated at any time, without the payment of any penalty by the fund, by either Putnam Management or the fund by not less than 60 days' written notice to the other party. A fund may effect termination by vote of a majority of its Trustees or by the affirmative vote of a majority of the outstanding shares of the fund, as defined in the 1940 Act. The proposed new management contracts will also terminate automatically in the event of their assignment.

The proposed new management contract will, unless terminated as described above, continue until June 30, 2008 and will continue in effect from year to year thereafter so long as its continuance is approved at least annually by (i) the Trustees of the fund or the shareholders by the affirmative vote of a majority of the outstanding shares of the fund and (ii) a majority of the Trustees who are not interested persons of the fund or of Putnam Management, by vote cast in person at a meeting called for the purpose of voting on such approval.

All of the current management contracts have similar provisions for their term and termination, except that the initial terms of the contracts differ and the current management contracts require that written notice be given not more than 60 nor less than 30 days before termination.

Limitation of Liability. Under the proposed new management contract, Putnam Management is not liable to a fund or to any shareholder of the fund for any act or omission in the course of, or connected with, rendering services under the proposed management contract, unless there is willful misfeasance, bad faith or gross negligence on the part of Putnam Management or reckless disregard of its obligations and duties under the proposed management contract. Each current management contract contains substantially identical provisions.

As required under each fund's Declaration of Trust, the proposed management contract contains a notice provision stating that the fund's Declaration of Trust is on file with the Secretary of The Commonwealth of Massachusetts and that the proposed management contract is executed on behalf of the Trustees as Trustees of the fund and not individually. Also, the obligations arising out of the proposed management contract are limited only to the assets and property of the fund and are not binding on any of the Trustees, officers or shareholders individually. Each current management contract contains a substantially identical notice.

Amendments; Defined Terms. The proposed new management contract may only be amended in writing, and any amendments must be approved in a manner consistent with the 1940 Act, the rules and regulations under the 1940 Act and any applicable guidance or

interpretations of the SEC or its staff. Similarly, certain terms used in the proposed management contract are used as defined in the 1940 Act, the rules and regulations under the 1940 Act and any applicable guidance or interpretation of the SEC or its staff. The current management contracts contain similar terms, except that they generally do not make reference to guidance or interpretation of the SEC or its staff. Thus, the proposed new management contracts explicitly permit the funds and Manager to operate in a manner consistent with regulatory guidance and interpretations, which may provide advantages and operational flexibility from time to time.

*** Sub-Adviser Arrangements**

For certain funds listed below, Putnam Management has retained an affiliate to provide sub-management services. Putnam Management has retained Putnam Investments Limited ("PIL"), a wholly owned subsidiary of The Putnam Advisory Company, LLC ("PAC," which is itself a subsidiary of Putnam Investments) and an affiliate of

Putnam Management, as the sub-adviser for a portion of certain funds' assets as determined by Putnam Management from time to time. PIL is currently authorized to serve as the sub-adviser, to the extent determined by Putnam Management from time to time, for the following funds: Putnam Diversified Income Trust, Putnam VT Diversified Income Fund, Putnam Europe Equity Fund, Putnam Global Equity Fund, Putnam VT Global Equity Fund, Putnam Global Income Trust, Putnam Global Natural Resources Fund, Putnam High Income Securities Fund, Putnam High Yield Advantage Fund, Putnam High Yield Trust, Putnam VT High Yield Fund, Putnam International Capital Opportunities Fund, Putnam International Equity Fund, Putnam VT International Equity Fund, Putnam International Growth and Income Fund, Putnam VT International Growth and Income Fund, Putnam International New Opportunities Fund, Putnam VT International New Opportunities Fund, Putnam Master Intermediate Income Trust, Putnam Premier Income Trust, Putnam Research Fund, Putnam VT Research Fund, Putnam Utilities Growth and Income Fund, and Putnam VT Utilities Growth and Income Fund.

PIL serves as sub-adviser for those funds under a sub-management agreement between Putnam Management and PIL. Pursuant to the terms of the sub-management agreement, Putnam Management (and not the fund) pays a quarterly sub-management fee to PIL for its services at the annual rate of 0.35% of the average aggregate net asset value of the portion of a fund's assets invested in equity securities and 0.40% of the portion of a fund's assets invested in fixed-income securities, if any, that PIL manages from time to time except that, in the case of Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust and Putnam Premier Income Trust, Putnam Management (and not the fund) pays PIL a quarterly sub-management fee for its services at the annual rate of 0.40% of the funds' average weekly assets, if any, that PIL manages from time to time.

Under the terms of the sub-management contract, PIL, at its own expense, furnishes continuously an investment program for the portion of each fund that Putnam Management allocates to PIL from time to time and makes investment decisions on behalf of these portions of the fund, subject to Putnam Management's supervision. Putnam Management may also, at its discretion, request PIL to provide assistance with purchasing and selling securities for the fund, including order placement with certain broker-dealers. PIL, at its expense, furnishes all necessary investment and management facilities, including salaries of personnel, required for it to execute its duties.

The sub-management contract provides that PIL is not subject to any liability to Putnam Management, the fund or any shareholder of the fund for any act or omission in the course of or connected with rendering services to the fund in the absence of PIL's willful misfeasance, bad faith, gross negligence or reckless disregard of its obligations and duties.

The sub-management contract may be terminated with respect to a fund without penalty by vote of the Trustees or the shareholders of the fund, or by PIL or Putnam Management, on 30 days' written notice. The sub-management contract also terminates without payment of any penalty in the event of its assignment. Subject to applicable law, it may be amended by a majority of the Trustees who are not "interested persons" of Putnam Management or the fund. The sub-management contract provides that it will continue in effect only so long as such continuance is approved at least annually by vote of either the Trustees or the shareholders and, in either case, by a majority of the Trustees who are not "interested persons" of Putnam Management or the fund. In each of the foregoing cases, the vote of the shareholders is the affirmative vote of a "majority of the outstanding voting securities" as defined in the 1940 Act.

PAC has been retained as a sub-adviser for a portion of the assets of Putnam International Equity Fund as determined from time to time by Putnam Management or, with respect to portions of that fund's assets for which PIL acts as sub-adviser as described above, by PIL. PAC serves as sub-adviser under a sub-advisory agreement among Putnam Management, PIL and PAC.

Pursuant to the terms of the sub-advisory agreement, Putnam Management or, with respect to portions of Putnam International Equity Fund's assets for which PIL acts as sub-adviser, PIL (and not the fund) pays a quarterly sub-advisory fee to PAC for its services at the annual rate of 0.10% of the average aggregate net asset value of the portion of the fund with respect to which PAC acts as sub-adviser.

Under the terms of the sub-advisory contract, PAC, at its own expense, furnishes recommendations to purchase, hold, sell or exchange investments, securities and assets for that portion of Putnam International Equity Fund that is allocated to PAC from time to time by Putnam Management or PIL. Putnam Management or PIL, as

applicable, determines whether to execute each such recommendation by PAC, whose activities as sub-adviser are subject to the supervision of Putnam Management and PIL, as applicable. PAC, at its expense, furnishes all necessary investment and management facilities, including salaries of personnel, required for it to execute its duties.

The sub-advisory contract provides that PAC is not subject to any liability to Putnam Management, PIL, Putnam International Equity Fund or any shareholder of the fund for any act or omission in the course of or connected with rendering services to the fund in the absence of PAC's willful misfeasance, bad faith, gross negligence or reckless disregard of its obligations and duties.

The sub-advisory contract may be terminated without penalty by vote of the Trustees or the shareholders of Putnam International Equity Fund, or by PAC, PIL or Putnam Management, on 30 days' written notice. The sub-advisory contract also terminates without payment of any penalty in the event of its assignment. Subject to applicable law, it may be amended by a majority of the Trustees who are not "interested persons" of Putnam Management or the fund. The sub-advisory contract provides that it will continue in effect only so long as its continuance is approved at least annually by vote of either the Trustees or the shareholders and, in either case, by a majority of the Trustees who are not "interested persons" of Putnam Management or the fund. In each of the foregoing cases, the vote of the shareholders is the affirmative vote of a "majority of the outstanding voting securities" as defined in the 1940 Act.

A "change of control" that constitutes an assignment terminating automatically the funds' management contracts will also terminate automatically the sub-management contract with PIL and the sub-advisory contract with PIL and PAC. So that your fund will not lose the benefit of PIL's or PAC's services, Putnam Management intends to enter into a new sub-management contract with PIL and a new sub-advisory contract with PIL and PAC, each identical to the current contract except for the effective date. The Trustees have unanimously approved these new contracts. See **Appendix F** for copies of the current contracts.

*** What did the Trustees consider in evaluating the proposal?**

The Trustees met in person on October 12 and 13, 2006 to discuss the implications of a possible sale of Putnam Investments in light of a decision made by its parent company, Marsh & McLennan, to explore the possibility of a sale. At this meeting, the Trustees considered information relating to the operations, competitive position in the mutual fund industry and recent history of a number of firms that had indicated to Marsh & McLennan a preliminary interest in acquiring Putnam Investments. During the course of this meeting, the Trustees received presentations on these matters from two consultants with recognized expertise in the mutual fund industry. In addition, the Trustees reviewed information about recent significant acquisitions in the mutual fund industry and considered the possible effects of a sale transaction on Putnam Management and the rest of the Putnam organization. The Trustees received a report from the chief executive officer of Marsh & McLennan and considered analyst reports relating to Marsh & McLennan and its ownership of Putnam Investments. The Trustees also received advice from their independent legal counsel regarding their responsibilities in evaluating a possible sale transaction.

The Trustees actively monitored the sale process throughout the period leading up to the public announcement of a final sale agreement on February 1, 2007. The Trustees discussed developments at telephone meetings on October 18, October 25, November 1, November 29, December 20, January 12, January 18, and February 5, and at their regular in-person meetings on November 9-10, December 14-15, January 11-12, February 8-9, and March 8-9. The Trustees who are not affiliated with Putnam Investments met separately to discuss these matters during most of these meetings.

Mr. Haldeman, the only Trustee affiliated with Putnam Investments, participated in portions of these meetings to provide the perspective of the Putnam organization, but did not otherwise participate in the deliberations of the Trustees regarding a possible sale.

Over the course of these meetings, the Trustees discussed and developed general principles to guide their evaluation of a possible sale transaction. Following the emergence of a number of interested bidders by early November 2006, the Trustees conducted due diligence on these bidders with the assistance of their independent

legal counsel. The Trustees communicated their perspectives on these bidders to Marsh & McLennan and also submitted specific requests for information to be provided by bidders. After learning in December 2006 that Marsh & McLennan was negotiating exclusively with Power Financial and Lifeco, the Trustees focused their diligence efforts on Power Financial and Lifeco.

On January 2, 2007, a committee of the Trustees, together with their independent legal counsel, met with representatives of Power Financial and Lifeco to discuss the proposal to acquire Putnam Investments and responses to the Trustees' diligence requests. The Trustees were advised in this meeting that Power Financial and Lifeco intended to maintain Putnam Investments as a separate, stand-alone organization under the Putnam brand and to retain Putnam Investments' current management team. Power Financial and Lifeco expressed their intention to maintain the quality of services that the Putnam organization currently provides to the funds and the funds' current cost structure. At the same time, they indicated their intention, consistent with this commitment, to pursue opportunities for improving the profitability of the Putnam organization. Power Financial and Lifeco indicated interest in pursuing the possibility of making the Putnam funds and other Putnam Investments products available through certain of their distribution channels, but indicated that no significant operational changes were envisioned. Power Financial and Lifeco also raised the possibility of using Putnam Investments' distribution network to distribute certain of the products of one or more of the Power Financial or Lifeco companies. The Trustees noted that these proposals may benefit Lifeco and may also enable Putnam Investments to allocate the costs of its distribution network across a greater number of products. At this meeting, the Trustees reviewed with Power Financial and Lifeco the role and operation of the Board of Trustees, emphasizing its historical independence and activism in such areas as fees and expenses, regulatory issues, quality of service provided by Putnam to the funds, soft dollars and proxy voting. On January 10, 2007, Ms. Baxter, Vice Chairman of the Trustees and the Chairman of the Contract Committee, also met with a representative of Power Financial and Lifeco for further discussion of these matters. At a telephonic meeting on January 18, 2007, the Trustees received a presentation on the terms of the proposed sale and unanimously expressed their support for the proposed sale, subject to their review of final agreements.

Mr. Hill, Chairman of the Board of Trustees, met with the Chairman and Co-Chief Executive Officer and the President and Co-Chief Executive Officer of Power Corporation of Canada and the Chairman of the Board and the President and Chief Executive Officer of Power Financial on January 28, 2007 to further discuss the role of the Board of Trustees in overseeing the funds and Power Financial's and Lifeco's commitment to the Putnam brand, to Putnam Investments' management team, and to support Putnam Investments' management team and the team's strategy following the transaction with the aim of minimizing disruption and change for the Putnam shareholders. Following the public announcement of the transaction on February 1, 2007, the Trustees received a report from Putnam Investments on the final terms of the transaction at a telephonic meeting on February 5, 2007.

At an in-person meeting on February 8-9, 2007, the Trustees received further presentations regarding the final terms of the transaction. At this meeting, the Trustees considered the approval of new management contracts for each fund proposed to become effective upon the closing of the sale, and the filing of a preliminary proxy statement. At an in-person meeting on March 8-9, 2007, the Trustees considered the approval of the final forms of the proposed new management contracts for each fund and the proxy statement. They reviewed the terms of the proposed new management contracts and the differences between the proposed new management contracts and the current management contracts (and administrative services contracts, in the case of Putnam Municipal Opportunities Trust and Putnam Prime Money Market Fund). They noted that the terms of the proposed new management contracts were substantially identical to the current management contracts, except for certain changes developed at the initiative of the Trustees and designed largely to address inconsistencies among various of the existing contracts, which had been developed and implemented at different times in the past. (These differences are described elsewhere in this proxy statement.)

In considering the approval of the proposed new management contracts, the Trustees also considered the following matters:

- (i) their belief that the transaction will not adversely affect the Putnam funds, and by addressing uncertainty regarding the ownership of Putnam Investments, should enhance the ability of Putnam Management and its affiliates to continue to provide high quality investment advisory and other services to the funds;
- (ii) the intention expressed by representatives of Power Financial and Lifeco to retain the existing Putnam Investments' management team and other key professionals and that Putnam Investments would be operated as a

separate business unit;

(iii) Power Financial's and Lifeco's commitment to support the continued effort of Putnam Management's current management team to rebuild Putnam's reputation and enhance the investment process;

(iv) that representatives of Power Financial, Lifeco and Putnam Management advised that they have no current plans to make changes with respect to existing management fees, expense limitations, distribution arrangements or quality of services provided to fund shareholders and committed to maintain the current program of fund expense limitations, at least through June 30, 2009, which ensures that all Putnam funds will have expense levels at or below competitive industry averages;

(v) the financial condition and reputation of Power Financial and Lifeco, their record of operating acquired companies with minimal disruption to their businesses, their high level of respect for the mutual fund governance process and the independence of the Trustees and their decisions, and their commitment to maintain the high level of cooperation and support that the Putnam organization has historically provided;

(vi) the possible benefits that the funds may receive as a result of Putnam Management joining the Power Financial group of companies, which is expected to promote stability of the Putnam organization and eliminate the previous uncertainty with respect to the future ownership of Putnam Investments;

(vii) Power Financial's and Lifeco's commitment to maintaining competitive compensation arrangements to allow the Putnam organization to attract and retain highly qualified personnel;

(viii) that the current senior management team at Putnam Investments has indicated its strong support of the transaction; and

(ix) the commitments of Marsh & McLennan and Lifeco to bear all expenses incurred by the Putnam funds in connection with the transaction, including all costs associated with this proxy solicitation.

Finally, in considering the proposed new management contracts, the Trustees also took into account their deliberations and conclusions in connection with their most recent annual approval of the continuance of the funds' management contracts effective July 1, 2006, and the extensive materials that they had reviewed in connection with that approval process. **Appendix G** contains a summary description of the matters considered by the Trustees in connection with that approval.

Based upon the foregoing considerations, on March 9, 2007, the Trustees, including all of the Trustees present who are not "interested persons" of the funds or Putnam Investments, unanimously approved the proposed new management contracts and determined to recommend their approval to the shareholders of the Putnam funds.

*** Additional Information Regarding Potential Interests of Certain Trustees in the Transaction**

Charles E. Haldeman, Jr., a Trustee of the funds, serves as the President and Chief Executive Officer of Putnam Investments. Mr. Haldeman is also a stockholder of Putnam Investments Trust as a result of various equity compensation grants made to him in recent years. On March 15, 2005, Putnam Investments Trust granted Mr. Haldeman 210,635 shares of class B common stock pursuant to the Putnam Investments Trust Equity Partnership Plan. With respect to this grant, Mr. Haldeman's shares vest over a four-year period, with 25% of the shares vesting on each anniversary of the grant, although vesting may be accelerated under certain circumstances if Mr. Haldeman's employment with Putnam terminates. On September 29, 2005, Mr. Haldeman participated in the Putnam Option Exchange Program, in which holders of eligible options to purchase class B common stock were permitted to elect to exchange their options for restricted shares of class B common stock with a value equal to the value of the exchanged options. Mr. Haldeman was granted 14,226 restricted shares of class B common stock in exchange for an option to purchase 99,200 shares of

class B common stock. On March 15, 2006, Putnam Investments Trust granted Mr. Haldeman 111,693 restricted shares of class B common stock for his performance in 2005. With respect to such grant, Mr. Haldeman's shares vest over a four-year period, with 25% of the shares vesting on each anniversary of the grant. On March 15, 2006, Mr. Haldeman received an additional grant of 314,136 restricted shares of class B common stock and an option to

purchase 510,638 shares as a special grant as a result of his employment contract with Marsh & McLennan. With respect to each such grant, Mr. Haldeman's shares vest 10%, 20%, 30% and 40% over the next four years, subject to acceleration provisions based on investment performance. Mr. Haldeman also holds other restricted shares of class B common stock from grants in years prior to 2005, and it is expected that an additional grant of such restricted shares will be made in March 2007.

As a result of his interests in the stock of Putnam Investments Trust as described above, Mr. Haldeman will benefit directly from the sale of your fund's investment adviser to Lifeco in an estimated amount of approximately \$54 million, which is the value of his holdings in Putnam Investments Trust stock and stock options. Approximately 37% of this amount will be paid at the closing of the transaction and the remainder will be paid, subject to the satisfaction of certain conditions, over a three-year period. In addition, Mr. Haldeman has agreed to amend his employment agreement with Putnam Investments, which will remain in effect following the transaction with Lifeco, among other things, to defer his right to terminate his employment as a result of the transaction and receive severance payments (equal to two times his 2006 total compensation, or approximately \$26 million), and Putnam Investments Trust has agreed to pay Mr. Haldeman additional incentive compensation of \$8.5 million in the future, contingent upon the achievement of certain specified business objectives.

In addition to the interests described above, Mr. Haldeman currently owns 33,334 vested shares and 42,554 unvested shares, which will vest when the transaction with Lifeco closes, of stock and options to purchase 89,350 shares of stock of Marsh & McLennan and may benefit indirectly from the sale of your fund's investment adviser to Lifeco to the extent of his interests in Marsh & McLennan.

George Putnam, III, is the President of your fund as well as a Trustee. Mr. Putnam is also a stockholder of Marsh & McLennan. As of December 31, 2006, he and his children own in the aggregate 12,110 shares of Marsh & McLennan. In addition, Mr. Putnam serves as a trustee of trusts holding in the aggregate 102,317 shares of Marsh & McLennan; Mr. Putnam is a likely beneficiary of these trusts. Mr. Putnam is also a director of a charitable organization that owns 12,000 shares of Marsh & McLennan in which Mr. Putnam has no economic interest. In addition, certain other members of Mr. Putnam's family own in the aggregate 518,846 shares of Marsh & McLennan in which Mr. Putnam has no current economic interest. Mr. Putnam may benefit indirectly from the sale of your fund's investment adviser to Lifeco to the extent of his interests in shares of Marsh & McLennan.

*** What is the voting requirement for approving the proposal?**

Approval of your fund's proposed new management contract requires the affirmative vote of the lesser of (a) more than 50% of the outstanding shares of the fund, or (b) 67% or more of the shares of the fund present (in person or by proxy) at the meeting if more than 50% of the outstanding shares of the fund are present at the meeting in person or by proxy. **The Trustees, including a majority of the Trustees who are not "interested persons" of Putnam Management or the funds, recommend that shareholders approve the proposed new management contracts.**

Further Information About Voting and the Special Meeting

Quorum and Methods of Tabulation. The shareholders of each fund vote separately with respect to the proposal. In the case of all closed-end funds, a majority of the shares entitled to vote constitutes a quorum for the transaction of business with respect to any proposal at the meeting. In the case of each other fund, 30% of the shares entitled to vote constitutes a quorum. Shares of all classes of each fund vote together as a single class. Votes cast by proxy or in person at the meeting will be counted by persons appointed by your fund as tellers for the meeting. The tellers will count the total number of votes cast [for] approval of the proposal for purposes of determining whether sufficient affirmative votes have been cast. Shares represented by proxies that reflect abstentions and [broker non-votes] (i.e., shares held by brokers or nominees as to which (i) instructions have not been received from the beneficial owners or the persons entitled to vote and (ii) the broker or nominee does not have the discretionary voting power on a particular matter) will be counted as shares that are present and entitled to vote on the matter for purposes of determining the presence of a quorum.

The documents that authorize Putnam Fiduciary Trust Company to act as Trustee for certain individual retirement accounts (including traditional, Roth and SEP IRAs, 403(b)(7) accounts and Coverdell Education Savings Accounts) provide that if an account owner does not submit voting instructions for his or her shares, Putnam Fiduciary Trust Company will vote such shares in the same proportions as other shareholders with similar accounts have submitted voting instructions for their shares. Shareholders should be aware that this practice, known as "echo-voting," may have the effect of increasing the number of shares voted in favor of the proposal (possibly increasing the likelihood that the proposal will be approved) and that Putnam Fiduciary Trust Company, which is an affiliate of Putnam Management, may benefit indirectly from the approval of the proposed new management contracts.

Abstentions and broker non-votes have the effect of a negative vote on the proposal. Treating broker non-votes as negative votes may result in a proposal not being approved, even though the votes cast in favor would have been sufficient to approve the proposal if some or all of the broker non-votes had been withheld. In certain circumstances in which a fund has received sufficient votes to approve a matter being recommended for approval by the fund's Trustees, the fund may request that brokers and nominees, in their discretion, withhold submission of broker non-votes in order to avoid the need for solicitation of additional votes in favor of the proposal. A fund may also request that selected brokers and nominees, in their discretion, submit broker non-votes, if doing so is necessary to obtain a quorum.

Shareholders who object to any proposal in this Proxy Statement will not be entitled under Massachusetts law or the Agreement and Declaration of Trust of the particular Putnam fund to demand payment for, or an appraisal of, their shares.

Special Rule for Proportional Voting (for Putnam High Yield Municipal Trust, Putnam Investment Grade Municipal Trust, Putnam Managed Municipal Income Trust, Putnam Municipal Bond Fund and Putnam Municipal Opportunities Trust). For funds listed on the New York Stock Exchange that have outstanding preferred shares, in accordance with the rules of the New York Stock Exchange, brokerage firms may vote for or against a proposal, on behalf of their clients who beneficially own the remarketed or auction rate preferred shares and from whom they have not received voting instructions, in the same proportion as votes for and against such proposal have been received from holders of preferred shares if (i) a minimum of 30% of the outstanding preferred shares have been voted by the holders of preferred shares, (ii) holders of less than 10% of the outstanding preferred shares have voted against the proposal and (iii) the holders of the common shares have approved the proposal.

Other business. The Trustees know of no matters other than those described in this proxy statement to be brought before the meeting. If, however, any other matters properly come before the meeting, proxies will be voted on such matters in accordance with the judgment of the persons named in the enclosed form of proxy.

Simultaneous meetings. The meeting of shareholders of your fund is called to be held at the same time as the meetings of shareholders of certain of the other Putnam funds. It is anticipated that all meetings will be held simultaneously.

If any shareholder at the meeting objects to the holding of a simultaneous meeting and moves for an adjournment of the meeting to a time promptly after the simultaneous meetings, the persons named as proxies will vote in favor of such adjournment.

Information for all Putnam funds except funds that are series of Putnam Variable Trust

Solicitation of proxies. In addition to soliciting proxies by mail, Trustees of your fund and employees of Putnam Management, Putnam Fiduciary Trust Company and Putnam Retail Management may solicit proxies in person or by telephone. Your fund may arrange to have a proxy solicitation firm call you to record your voting instructions by telephone. The procedures for voting proxies by telephone are designed to authenticate shareholders' identities, to allow them to authorize the voting of their shares in accordance with their instructions and to confirm that their instructions have been properly recorded. Your fund has been advised by counsel that these procedures are consistent with the requirements of applicable law. If these procedures were subject to a successful legal challenge, such votes would not be counted at the meeting. Your fund is unaware of any such

challenge at this time. Shareholders would be called at the phone number Putnam Management has in its records for their accounts, and would be asked for their Social Security number or other identifying information. The shareholders would then be given an opportunity to authorize the proxies to vote their shares at the meeting in accordance with their instructions. To ensure that the shareholders' instructions have been recorded correctly, they will also receive a confirmation of their instructions in the mail. A special toll-free number will be available in case the information contained in the confirmation is incorrect.

Common shareholders have the opportunity to submit their voting instructions via the Internet by using a program provided by a third-party vendor hired by Putnam Management or by automated telephone service. The giving of a proxy will not affect your right to vote in person should you decide to attend the meeting. To use the Internet, please access the Internet address listed on your proxy card and follow the instructions on the Internet site. To record your voting instructions via automated telephone service, use the toll-free number listed on your proxy card. The Internet and telephone voting procedures are designed to authenticate shareholder identities, to allow shareholders to give their voting instructions, and to confirm that shareholders' instructions have been recorded properly. Shareholders voting via the Internet should understand that there may be costs associated with electronic access, such as usage charges from Internet access providers and telephone companies, that must be borne by the shareholders.

Your fund's Trustees have adopted a general policy of maintaining confidentiality in the voting of proxies. Consistent with this policy, your fund may solicit proxies from shareholders who have not voted their shares or who have abstained from voting, including brokers and nominees.

Revocation of proxies. Proxies, including proxies given by telephone or over the Internet, may be revoked at any time before they are voted either (i) by a written revocation received by the Clerk of your fund, (ii) by properly executing a later-dated proxy, (iii) by recording later-dated voting instructions by telephone or via the Internet, (iv) in the case of brokers and nominees, by submitting written instructions to your fund's solicitation agent or the applicable record shareholders, or (v) by attending the meeting and voting in person.

Information for funds that are series of Putnam Variable Trust

Voting Process. With respect to funds that are series of Putnam Variable Trust only, as of the Record Date, certain insurance companies (each, an "Insurance Company") were shareholders of record of each fund that is a series of Putnam Variable Trust. Each Insurance Company will vote shares of the fund or funds held by it in accordance with voting instructions received from variable annuity contract and variable life insurance policy owners (collectively, the "Contract Owners") for whose accounts the shares are held. Accordingly, with respect to funds that are series of Putnam Variable Trust, this proxy statement is also intended to be used by each Insurance Company in obtaining these voting instructions from Contract Owners. In the event that a Contract Owner gives no instructions, the relevant Insurance Company will vote the shares of the appropriate fund attributable to the Contract Owner in the same proportion as shares of that fund for which it has received instructions. One effect of this system of proportional voting is that, if only a small number of Contract Owners provide voting instructions, this small number of Contract Owners may determine the outcome of a vote for a fund.

Solicitation of proxies. In addition to soliciting proxies and voting instructions by mail, the Trustees of your fund and employees of Putnam Management, Putnam Fiduciary Trust Company, Putnam Retail Management and the Insurance Companies may solicit voting instructions from Contract Owners in person or by telephone. Your fund may arrange to have a proxy solicitation firm call you to record your voting instructions by telephone. The procedures for solicitation of proxies and voting

instructions by telephone are designed to authenticate Contract Owners' identities, to allow them to authorize the voting of their units in accordance with their instructions and to confirm that their instructions have been properly recorded. Your fund has been advised by counsel that these procedures are consistent with the requirements of applicable law. If these procedures were subject to a successful legal challenge, such votes would not be counted at the meeting. Your fund is unaware of any such challenge at this time. Contract Owners would be called at the phone number Putnam Management has in its records for their accounts (or that Putnam Management obtains from the Insurance Companies), and would be asked for their Social Security number or

other identifying information. The Contract Owners would then be given an opportunity to give their instructions. To ensure that the Contract Owners' instructions have been recorded correctly, they will also receive a confirmation of their instructions in the mail. A special toll-free number will be available in case the information contained in the confirmation is incorrect.

Contract Owner Instructions. Each Contract Owner is entitled to instruct his or her insurance company as to how to vote its shares and can do so by marking voting instructions on the ballot enclosed with this proxy statement and then signing, dating and mailing the ballot in the envelope provided. If a ballot is not marked to indicate voting instructions, but is signed, dated and returned, it will be treated as an instruction to vote the shares in favor of the proposal. Each Insurance Company will vote the shares for which it receives timely voting instructions from Contract Owners in accordance with those instructions and will vote those shares for which it receives no timely voting instructions for and against approval of a proposal, and as an abstention, in the same proportion as the shares for which it receives voting instructions. Shares attributable to accounts retained by each Insurance Company will be voted in the same proportion as votes cast by Contract Owners. Accordingly, there are not expected to be any "broker non-votes."

Contract Owners have the opportunity to submit their voting instructions via the Internet by utilizing a program provided by a third party vendor hired by Putnam Management or by automated telephone service. The giving of such voting instructions will not affect your right to vote in person should you decide to attend the meeting. To use the Internet, please access the Internet address listed on your proxy card, and follow the instructions on the Internet site. The Internet voting procedures are designed to authenticate Contract Owners' identities, to allow Contract Owners to give their voting instructions and to confirm that their instructions have been recorded properly. Contract Owners voting via the Internet should understand that there may be costs associated with electronic access, such as usage charges from Internet access providers and telephone companies, that must be borne by the Contract Owners.

Your fund's Trustees have adopted a general policy of maintaining confidentiality in the voting of proxies and the giving of voting instructions. Consistent with this policy, your fund may solicit proxies from Contract Owners who have not voted their shares or who have abstained from voting.

Revocation of instructions. Any Contract Owner giving instructions to an Insurance Company has the power to revoke such instructions by mail by providing superseding instructions. All properly executed instructions received in time for the meeting will be voted as specified in the instructions.

Revocation of proxies. Proxies, including proxies given by telephone or over the Internet, may be revoked at any time before they are voted either (i) by a written revocation received by the Clerk of your fund, (ii) by properly executing a later-dated proxy, (iii) by recording later-dated voting instructions by telephone or via the Internet, or (iv) by attending the meeting and voting in person.

Information for all Putnam funds other than the closed-end funds

Date for receipt of shareholders' proposals for subsequent meetings of shareholders Your fund does not regularly hold annual shareholder meetings, but may from time to time schedule special meetings. In addition, your fund has voluntarily undertaken to hold shareholder meetings at least every five years for the purpose of electing your fund's Trustees; the last such meeting was held in 2004. In accordance with the regulations of the SEC, in order to be eligible for inclusion in the fund's proxy statement for such a meeting, a shareholder or Contract Owner proposal must be received a reasonable time before the fund prints and mails its proxy statement.

The Board Policy and Nominating Committee of the Board of Trustees, which consists of Independent Trustees only, will also consider nominees recommended by shareholders of the fund to serve as Trustees. A shareholder or Contract Owner must submit the names of any such nominees in writing to

the fund, to the attention of the Clerk, at the address of the principal offices of the fund.

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If a shareholder who wishes to present a proposal at a special shareholder meeting fails to notify the fund within a reasonable time before the fund mails its proxy statement, the persons named as proxies will have discretionary authority to vote on the shareholder's proposal if it is properly brought before the meeting. If a shareholder makes a timely notification, the proxies may still exercise discretionary voting authority under circumstances consistent with the SEC's proxy rules. All shareholder proposals must also comply with other requirements of the SEC's rules and the fund's Agreement and Declaration of Trust.

Information for all Putnam closed-end funds

Date for receipt of shareholders' proposals for the next annual meeting It is currently anticipated that your fund's next annual meeting of shareholders will be held in the month/year indicated below:

Putnam California Investment Grade Municipal Trust	October 2007
Putnam High Income Securities Fund	January 2008
Putnam High Yield Municipal Trust	October 2007
Putnam Investment Grade Municipal Trust	October 2007
Putnam Managed Municipal Income Trust	October 2007
Putnam Master Intermediate Income Trust	January 2008
Putnam Municipal Bond Fund	October 2007
Putnam Municipal Opportunities Trust	October 2007
Putnam New York Investment Grade Municipal Trust	October 2007
Putnam Premier Income Trust	January 2008
Putnam Tax-Free Health Care Fund	October 2007

The Trustees of your fund reserve the right to set an earlier or later date for the next meeting. Shareholder proposals to be included in the proxy statement for that meeting must be received by your fund on or before July 23, 2007 for Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust and Putnam Premier Income Trust and May 18, 2007 for the other closed-end funds identified above. In order for a shareholder proposal to be included in the proxy statement, both the submitting shareholder and the proposal itself must satisfy the requirements set forth in Rule 14a-8 under the Securities Exchange Act of 1934, as amended. Shareholders who wish to make a proposal at the next annual meeting — other than one that will be included in the fund's proxy materials — should notify the fund no later than October 6, 2007 for Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust and Putnam Premier Income Trust and August 1, 2007 for the other closed-end funds identified above. Shareholders who wish to propose one or more nominees for election as Trustees, or to make a proposal fixing the number of Trustees, at the next annual meeting must provide written notice to the fund (including all required information) so that such notice is received in good order by the fund no earlier than October 13, 2007 and no later than November 12, 2007 for Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust and Putnam Premier Income Trust and no earlier than August 1, 2007 and no later than August 31, 2007 for the other closed-end funds identified above.

The Board Policy and Nominating Committee will also consider nominees recommended by shareholders of each fund to serve as Trustees. A shareholder must submit the names of any such nominees in writing to the fund, to the attention of the Clerk, at the address of the principal offices of the fund.

If a shareholder who wishes to present a proposal fails to notify the fund by the dates specified above, the proxies solicited for the meeting will have discretionary authority to vote on the shareholder's proposal if it is properly brought before the meeting. If a shareholder makes a timely notification, the proxies may still exercise discretionary voting authority under circumstances consistent with the SEC's proxy rules. All shareholder proposals must also comply with other requirements of the SEC's rules and the fund's Agreement and Declaration of Trust.

Information for all Putnam funds

Expenses of Solicitation. Persons holding shares as nominees will, upon request, be reimbursed for their reasonable expenses in soliciting instructions from their principals. The Putnam funds have retained Computershare Fund Services to aid in the solicitation of instructions for registered and nominee accounts. Computershare Fund Services' fee (estimated to be approximately \$3 million), as well as the other expenses of the preparation of proxy statements and related materials, including printing and delivery costs and the proxy solicitation expenses, are borne by Marsh & McLennan and Lifeco.

Adjournment. If sufficient votes in favor the proposal set forth in the Notice of a Special Meeting of Shareholders are not received by the time scheduled for the meeting or if the quorum required for the proposal has not been met, the persons named as proxies may propose adjournments of the special meeting for a period or periods of not more than 60 days in the aggregate to permit further solicitation of proxies. Any

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adjournment will require the affirmative vote of a majority of the votes cast on the question in person or by proxy at the session of the meeting to be adjourned. The persons named as proxies will vote in favor of adjournment those proxies that they are entitled to vote in favor of the proposal. They will vote against any such adjournment those proxies required to be voted against the proposal. Any proposal for which sufficient favorable votes have been received by the time of the meeting may be acted upon and considered final regardless of whether the meeting is adjourned to permit additional solicitation with respect to any other proposal.

Duplicate mailings. As permitted by SEC rules, Putnam's policy is to send a single copy of the proxy statement to shareholders who share the same last name and address, unless a shareholder previously has requested otherwise. Separate proxy ballots will be included with the proxy statement for each account registered at that address. If you would prefer to receive your own copy of the proxy statement, please call our proxy information line at 1-866-905-2396.

Financial information. Your fund's Clerk will furnish to you, upon request and without charge, a copy of the fund's annual report for its most recent fiscal year, and a copy of its semiannual report for any subsequent semiannual period. You may direct such requests to Putnam Investor Services, P.O. Box 41203, Providence, RI 02940-1203 or 1-800-225-1581.

Fund Information

Putnam Investments. Putnam Investment Management, LLC, your fund's investment manager and administrator, is a subsidiary of Putnam, LLC (Putnam Investments). Putnam Investments is a wholly owned subsidiary of Putnam Investments Trust, a holding company that, except for a minority stake owned by employees, is in turn owned by Marsh & McLennan, a leading professional services firm that includes risk and insurance services, investment management and consulting businesses. Following the transaction described in this Proxy Statement, Putnam Investments Trust will be a wholly owned subsidiary of Great-West, as described above, and Power Corporation of Canada will be the ultimate parent company of Putnam Investment Management, LLC. Effective January 1, 2007, Putnam Management has delegated responsibility for providing certain administrative, pricing and bookkeeping services for the funds to State Street Bank and Trust Company.

The address of each of Putnam Investments Trust, Putnam Investments and Putnam Investment Management, LLC, is One Post Office Square, Boston, Massachusetts 02109. The address of the executive offices of Marsh & McLennan is 1166 Avenue of the Americas, New York, New York 10036. Charles E. Haldeman, Jr. is the President and Chief Executive Officer of Putnam Investments. His address is One Post Office Square, Boston, Massachusetts 02109. The addresses of the Putnam companies and Mr. Haldeman are not expected to change following the completion of the transaction.

Putnam Management provides investment advisory services to other funds that may have investment objectives and policies similar to those of your fund. The table in **Appendix H** identifies these other funds and states their net assets and the management fees that they paid to Putnam Management during the fiscal years noted.

Putnam Investments Limited and The Putnam Advisory Company, LLC. Putnam Investments Limited, which has been retained by Putnam Investment Management, LLC as investment sub-adviser with respect to a

portion of the assets of certain funds, is a subsidiary of The Putnam Advisory Company, LLC, which is owned by Putnam Advisory Company LP, a subsidiary of Putnam Investments. Simon Davis, Co-Chief Investment Officer of Putnam

International Core Equity investment team, is a director and the Chief Executive Officer of Putnam Investments Limited. The other directors of Putnam Investments Limited, listed with their principal business occupations at Putnam Investments, are David Puddle (Senior International Account Manager), Joseph T. Phoenix (Head of European Distribution), Jeffrey R. Peters (Head of International Business), and Anton Simon (Team Leader, European High Yield investment team). Putnam Advisory Company LP's general partner is Putnam Advisory Company GP, Inc. Putnam Advisory Company GP, Inc. is a wholly owned subsidiary of Putnam Investments, which is also the sole limited partner of Putnam Advisory Company LP. The Putnam Advisory Company, LLC has also been retained to serve as a sub-adviser for a portion of the assets of Putnam International Equity Fund.

The address of Putnam Investments Limited, Mr. Davis, and each director of Putnam Investments Limited is Cassini House, 57-59 St. James's Street, London, England, SW1A 1LD. The address of each of The Putnam Advisory Company, LLC, Putnam Advisory Company LP, and Putnam Advisory Company GP, Inc. is One Post Office Square, Boston, Massachusetts 02109.

Putnam Fiduciary Trust Company. Putnam Fiduciary Trust Company, the fund's investor servicing agent and custodian, is a subsidiary of Putnam Investments. Its address is One Post Office Square, Boston, Massachusetts 02109. The funds have retained State Street Bank and Trust Company as custodian, and it is expected that Putnam Fiduciary Trust Company's service as custodian will terminate during the first half of 2007 when all of the funds' assets in its custody or the custody of its sub-custodians have been transferred into State Street Bank and Trust Company's safekeeping.

Putnam Retail Management. Putnam Retail Management Limited Partnership, the fund's principal underwriter (PRM), is a subsidiary of Putnam Investments. Putnam Retail Management GP, Inc. is the general partner of PRM, and also owns a minority stake in PRM. Putnam Retail Management GP, Inc. is a wholly owned subsidiary of Putnam Investments. The address of PRM and Putnam Retail Management GP, Inc. is One Post Office Square, Boston, Massachusetts 02109.

Payments to Putnam Management or its affiliates. Appendix I shows amounts paid to Putnam Management or its affiliates during each fund's most recent fiscal year for the services noted. The funds made no other material payments to Putnam Management or its affiliates during the periods shown.

Limitation of Trustee liability. Your fund's Agreement and Declaration of Trust provides that the fund will indemnify its Trustees and officers against liabilities and expenses incurred in connection with litigation in which they may be involved because of their offices with the fund, except if it is determined in the manner specified in the Agreement and Declaration of Trust that they have not acted in good faith in the reasonable belief that their actions were in the best interests of the fund or that such indemnification would relieve any officer or Trustee of any liability to the fund or its shareholders arising by reason of willful misfeasance, bad faith, gross negligence or reckless disregard of his or her duties. Your fund, at its expense, provides liability insurance for the benefit of its Trustees and officers.

Officers and other information. All of the officers of your fund, with the exception of George Putnam, III, the fund's President, are employees of Putnam Management or its affiliates or serve on the staff of the Office of the Trustees. Because of their positions with Putnam Management or its affiliates or their ownership of stock of Marsh & McLennan, the parent corporation of Putnam Investments Trust and indirectly of Putnam Investments, Messrs. Haldeman and Putnam, as well as the other officers of your fund, except those who serve on the staff of the Office of the Trustees, will benefit from the management fees, distribution fees, custodian fees, and investor servicing fees paid or allowed by your fund. In addition to Mr. Haldeman, certain of your fund's executive officers (other than Mr. Putnam and those officers who are members of the Trustees' independent administrative staff) own class B shares of Putnam Investments Trust or options to purchase class B shares and, accordingly, will benefit, pro rata with other holders of class B shares and options, from the payments to be made with respect to class B shares and options in connection with the transaction, as described above under "The Stock Purchase Agreement." In addition to Mr. Putnam, the other officers of your fund are as follows:

Name, Year of birth, Office with the fund	Year first elected to office	Business experience during past 5 years
Charles E. Porter (Born 1938)* Executive Vice President, Associate Treasurer, Principal Executive Officer and Compliance Liaison	1989	Executive Vice President, Associate Treasurer, Principal Executive Officer and Compliance Liaison, The Putnam Funds
Jonathan S. Horwitz (Born 1955)* Senior Vice President and Treasurer	2004	Senior Vice President and Treasurer, The Putnam Funds Prior to 2004, Mr. Horwitz was a Managing Director of Putnam Investments
Steven D. Krichmar (Born 1958) Vice President and Principal Financial Officer	2002	Senior Managing Director, Putnam Investments
Janet C. Smith (Born 1965) Vice President, Assistant Treasurer and Principal Accounting Officer	2006	Managing Director, Putnam Investments
Susan G. Malloy (Born 1957) Vice President and Assistant Treasurer	2007	Managing Director, Putnam Investments
Beth Mazor (Born 1958) Vice President	2002	Managing Director, Putnam Investments
Robert R. Leveille (Born 1969) Chief Compliance Officer	2007	Managing Director, Putnam Investments. Prior to 2005, Mr. Leveille was a member of Bell Boy Lloyd LLC, and prior to 2003 he was Vice President and Senior Counsel of Liberty Funds Group LLC
Mark C. Trenchard (Born 1962) Vice President and BSA Compliance Officer	2002	Managing Director, Putnam Investments
Francis J. McNamara, III (Born 1955) Vice President and Chief Legal Officer	2004	Senior Managing Director, Putnam Investments, Putnam Management and Putnam Retail Management. Prior to 2004, Mr. McNamara was General Counsel of State Research & Management
James P. Pappas (Born 1953) Vice President	2004	Managing Director, Putnam Investments and Putnam Management. During 2002, Mr. Pappas was Chief Operating Officer of Atalanta/Sosnoff Management Corporation
Richard S. Robie III (Born 1960) Vice President	2004	Senior Managing Director, Putnam Investments, Putnam Management and Putnam Retail Management. Prior to 2003, Mr. Robie was Senior Vice President of United Management Corporation

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Judith Cohen (Born 1945)* Vice President, Assistant Treasurer and Clerk	1993	Clerk and Assistant Treasurer, The Putnam Funds
Wanda M. McManus (Born 1947)* Vice President, Senior Associate Treasurer and Assistant Clerk	1993	Vice President, Senior Associate Treasurer and Assi Clerk, The Putnam Funds
Nancy E. Florek (Born 1957)* Vice President, Assistant Clerk, Assistant Treasurer and Proxy Manager	2000	Vice President, Assistant Clerk, Assistant Treasurer Proxy Manager, The Putnam Funds

* Officers of each fund who are members of the Trustees independent administrative staff. Compensation for these individuals is fixed by the Trustees and reimbursed to Putnam Management.

5% Beneficial Ownership. As of February 9, 2007, to the knowledge of the funds, no person other than those listed on **Appendix J** owned beneficially or of record 5% or more of any class of shares of any Putnam fund.

Security Ownership. As of February 9, 2007, the Trustees, and the officers and Trustees of each fund as a group, owned less than 1% of the outstanding shares of each class of each fund except as listed on **Appendix K**.

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APPENDIX A

Number of Shares Outstanding as of the Record Date

	Putnam American Government Income Fund	Putnam Asset Allocation: Balanced Portfolio	Putnam Asset Allocation: Conservative Portfolio	Putnam Asset Allocation: Growth Portfolio	A
Class A	72,865,917.27	122,021,755.62	47,747,383.07	100,864,116.97	
Class B	4,095,758.65	27,095,823.41	8,791,276.89	29,394,656.54	
Class C	362,334.96	11,729,075.16	5,120,056.82	13,646,674.87	
Class M	236,179.16	3,007,196.12	1,235,844.52	3,232,356.68	
Class R	6,441.77	853,748.29	119,787.08	557,535.69	
Class Y	1,063,530.67	15,411,460.24	42,115,185.82	13,223,656.09	

Putnam Convertible

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	Putnam Capital Opportunities Fund	Putnam Classic Equity Fund	Income-Growth Trust	Putnam Discovery Growth Fund	
Class A	41,144,555.26	40,595,267.65	31,968,799.11	25,551,820.26	1
Class B	16,110,795.73	6,418,041.89	2,367,171.39	12,721,621.79	
Class C	2,973,737.56	958,815.98	1,299,400.49	1,681,471.19	
Class M	1,398,979.57	1,797,409.53	299,922.75	1,033,939.84	
Class R	168,102.38	2,505.14	60,139.09	4,130.84	
Class Y	35,099,403.26	363,824.44	1,250,837.29	503,794.69	
	Putnam Equity Income Fund	Putnam Europe Equity Fund	Putnam Floating Rate Income Fund	The Putnam Fund for Growth and Income	
Class A	157,072,443.43	14,295,888.85	34,069,160.51	590,338,882.88	1
Class B	33,001,131.13	3,350,256.99	2,824,206.00	76,125,642.11	
Class C	5,571,878.88	207,893.51	11,254,351.86	4,697,759.79	
Class M	3,213,892.88	455,266.90	738,028.33	5,300,544.50	
Class R	303,161.43	1,904.31	34,919.15	73,707.25	
Class Y	16,061,796.95	319,432.06	340,886.00	66,351,947.61	
	Putnam Global Equity Fund	Putnam Global Income Trust	Putnam Global Natural Resources Fund	Putnam Growth Opportunities Fund	
Class A	154,095,635.81	7,060,947.13	15,653,346.61	24,472,157.80	
Class B	28,419,243.30	1,108,506.86	3,780,138.75	17,073,607.94	
Class C	3,074,350.64	245,341.53	772,968.28	1,824,836.37	
Class M	2,926,058.67	1,690,461.95	262,426.52	647,345.53	
Class R	119,295.63	12,140.40	92,955.50	7,262.60	

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Class Y 2,448,854.15 223,906.67 478,806.42 538,692.91

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	Putnam High Yield Trust	Putnam High Yield Advantage Fund	Putnam Income Fund	Putnam Income Strategies Fund	Putnam International Capital Opportunities Fund
Class A	214,263,626.27	69,047,167.80	115,132,837.04	1,128,943.13	30,841,820.87
Class B	35,526,881.29	2,410,648.64	20,851,564.20	90,473.73	12,129,431.30
Class C	8,003,654.20	□	3,145,332.50	96,387.62	2,546,743.45
Class M	2,458,597.49	53,420,283.75	45,251,242.49	14,762.21	714,683.60
Class R	102,530.40	□	125,183.77	100.16	75,238.94
Class Y	27,378,744.87	1,706,106.72	177,258,302.83	9,840.89	2,206,407.37

	Putnam International Equity Fund	Putnam International Growth and Income Fund	Putnam International New Opportunities Fund	Putnam Investors Fund	Putnam Limited Duration Government Income Fund
Class A	123,963,180.92	50,293,708.97	36,675,349.61	161,312,146.48	38,927,862.63
Class B	35,642,093.03	11,670,009.22	7,681,747.98	52,883,910.68	12,128,138.57
Class C	9,131,139.27	2,768,235.99	1,062,278.46	4,820,801.43	2,175,900.36
Class M	3,010,273.49	1,315,109.74	1,170,698.61	3,005,098.49	1,132,429.82
Class R	160,950.77	90,049.40	23,974.60	92,867.49	43,311.30
Class Y	45,254,449.85	1,076,267.48	1,072,479.47	44,422,070.60	31,983,627.46

	Putnam Mid Cap Value Fund	Putnam Money Market Fund	Putnam New Opportunities Fund	Putnam New Value Fund	Putnam OTC & Emerging Growth Fund
Class A	42,398,349.46	2,920,948,710.35	70,262,928.78	73,155,533.01	54,395,541.91

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Class B	15,750,043.79	142,836,931.51	11,901,149.73	21,337,273.64	15,771,750.32
Class C	2,856,353.83	12,307,784.09	783,189.79	3,730,447.21	1,502,590.14
Class M	950,669.79	39,596,481.71	1,559,344.08	1,769,378.85	1,711,144.83
Class R	358,284.53	150,481,386.65	33,000.80	132,420.91	18,653.35
Class Y	3,179,712.07	□	8,117,183.90	6,731,154.03	5,087,917.45
Class T	□	12,617,909.46	□	□	□

	Putnam Research Fund	Putnam RetirementReady 2010 Fund	Putnam RetirementReady 2015 Fund	Putnam RetirementReady 2020 Fund	Putnam RetirementReady 2025 Fund
Class A	29,333,675.54	772,059.93	1,379,501.57	1,448,305.47	994,647.77
Class B	12,711,374.91	4,850.05	10,873.85	10,633.05	13,267.72
Class C	1,885,836.25	1,102.42	3,558.28	2,146.66	1,941.72
Class M	791,134.38	2,420.50	2,423.71	8,512.45	4,131.13
Class R	14,534.57	3,875.65	314.02	2,350.70	2,078.75
Class Y	4,634,275.19	513,407.69	820,883.78	818,743.23	749,421.25

	Putnam RetirementReady 2030 Fund	Putnam RetirementReady 2035 Fund	Putnam RetirementReady 2040 Fund	Putnam RetirementReady 2045 Fund	Putnam RetirementReady 2050 Fund
Class A	809,425.85	566,560.46	391,380.39	287,756.96	116,641.82
Class B	7,977.02	5,877.96	2,850.44	1,639.00	1,972.60
Class C	573.73	742.94	46.78	157.30	21.00
Class M	10,372.28	754.72	555.24	86.18	35.43
Class R	1,983.89	1,915.49	1,081.03	1,046.90	426.49
Class Y	511,624.43	338,614.85	178,952.65	160,734.47	39,744.66

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	Putnam RetirementReady Maturity Fund	Putnam Small Cap Growth Fund	Putnam Small Cap Value Fund	Putnam U.S. Government Income Trust	Putnam Utilities Growth and Income Fund
Class A	550,439.44	16,375,506.50	31,283,523.74	78,006,578.08	39,927,098.75
Class B	2,724.81	2,656,018.65	10,093,908.96	8,655,212.62	4,317,531.32
Class C	474.19	959,519.89	2,554,124.15	1,130,838.12	341,742.96
Class M	1,627.45	245,623.25	459,286.92	2,267,956.64	252,063.21
Class R	1,238.44	466,903.37	□	43,309.22	27,999.29
Class Y	169,708.41	1,459,510.41	2,766,584.83	338,769.86	311,707.26

	Putnam Vista Fund	Putnam Voyager Fund	Putnam AMT-Free Insured Municipal Fund	Putnam Arizona Tax Exempt Income Fund	Putnam California Tax Exempt Income Fund
Class A	151,064,499.09	291,430,571.94	18,164,565.16	8,358,332.18	235,644,823.67
Class B	32,381,052.41	58,735,359.33	3,055,201.22	1,010,192.63	12,778,779.68
Class C	3,525,231.81	3,878,871.97	568,917.59	1,098.02	2,652,011.94
Class M	2,619,218.03	3,275,589.42	72,405.24	147,218.49	699,584.22
Class R	173,844.08	112,440.10	□	□	□
Class Y	16,103,511.27	76,680,967.17	□	□	□

	Putnam Massachusetts Tax Exempt Income Fund	Putnam Michigan Tax Exempt Income Fund	Putnam Minnesota Tax Exempt Income Fund	Putnam New Jersey Tax Exempt Income Fund	Putnam New York Tax Exempt Income Fund
Class A	26,215,513.73	11,101,453.78	10,283,132.58	17,161,743.73	124,340,641.84
Class B	4,497,397.65	1,707,679.47	1,736,026.54	4,416,716.50	6,751,493.68
Class C	463,345.14	3,761.57	1,125.02	6,527.34	1,277,948.82

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Class M	493,447.04	140,497.62	75,805.52	167,636.44	268,803.79
	Putnam Ohio Tax Exempt Income Fund	Putnam Pennsylvania Tax Exempt Income Fund	Putnam Tax Exempt Income Fund	Putnam Tax-Free High Yield Fund	Putnam Tax Smart Equity Fund®
Class A	15,904,859.33	15,390,981.58	128,599,352.45	97,257,670.60	11,859,823.99
Class B	1,681,836.61	2,742,974.10	4,412,867.57	10,465,862.02	8,024,033.79
Class C	4,251.19	34,127.68	1,008,936.24	1,567,885.51	2,822,106.04
Class M	145,110.14	253,222.15	569,148.43	879,537.00	329,185.89
	Putnam Prime Money Market Fund			Putnam Tax Exempt Money Market Fund	
Class A	1,091.28		Class A	80,627,090.07	
Class I	2,136,089,094.67				
Class P	2,455,425,894.00				
Class R	1,084.04				
Class S	1,095.41				
		Putnam California Investment Grade Municipal Trust	Putnam High Income Securities Fund	Putnam High Yield Municipal Trust	Putnam Investment Grade Municipal Trust
Common		4,517,546.20	21,546,985.27	21,131,981.15	20,235,386.57
Preferred		320.00	□	900.00	1,400.00
		Putnam Master Intermediate Income Trust	Putnam New York Investment Grade Municipal Trust	Putnam Premier Income Trust	Putnam Tax-Free Health Care Fund

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Common		91,389,179.63	2,775,583.20	178,799,200.45	13,435,771.46
Preferred		□	200.00	□	□
	Putnam Managed Municipal Income Trust		Putnam Municipal Bond Fund		Putnam Municipal Opportunities Trust
Common	44,658,877.70		16,784,709.41		15,172,510.20
Series A Preferred	550.00		2,920.00		800.00
Series B Preferred	550.00		2,400.00		1,620.00
Series C Preferred	650.00		□		1,620.00
	Putnam VT American Government Income Fund	Putnam VT Capital Appreciation Fund	Putnam VT Capital Opportunities Fund	Putnam VT Discovery Growth Fund	Putnam VT Diversified Income Fund
Class IA	7,067,352.30	2,922,895.64	1,571,121.84	1,860,663.81	32,042,509.43
Class IB	5,643,928.66	2,343,331.93	1,303,057.65	4,177,181.16	21,961,115.93
	Putnam VT Equity Income Fund	Putnam VT The George Putnam Fund of Boston	Putnam VT Global Asset Allocation Fund	Putnam VT Global Equity Fund	Putnam VT Growth and Income Fund
Class IA	8,276,290.10	24,852,762.65	18,531,543.55	37,648,893.62	108,760,571.76
Class IB	7,151,770.71	22,860,556.96	5,449,017.93	5,641,156.26	26,283,390.89
	Putnam VT Growth Opportunities Fund	Putnam VT Health Sciences Fund	Putnam VT High Yield Fund	Putnam VT Income Fund	Putnam VT International Equity Fund
Class IA	3,933,806.14	8,113,723.80	52,822,019.32	33,494,430.97	19,428,381.26
Class IB	5,444,573.65	11,040,152.95	21,393,548.76	23,725,014.48	41,720,259.80

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	Putnam VT International Growth and Income Fund	Putnam VT International New Opportunities Fund	Putnam VT Investors Fund	Putnam VT Mid Cap Value Fund	Putnam VT Money Market Fund
Class IA	16,477,887.45	6,289,256.68	20,363,311.31	3,598,840.41	199,471,422.59
Class IB	7,020,219.95	9,079,615.87	19,002,910.36	1,762,566.50	192,517,577.58

	Putnam VT New Opportunities Fund	Putnam VT New Value Fund	Putnam VT OTC & Emerging Growth Fund	Putnam VT Research Fund	Putnam VT Small Cap Value Fund
Class IA	54,242,526.61	20,229,842.20	5,758,192.19	5,328,590.92	9,913,500.45
Class IB	7,086,946.71	16,084,839.46	4,822,512.27	7,780,017.61	30,338,512.99

	Putnam VT Utilities Growth and Income Fund	Putnam VT Vista Fund	Putnam VT Voyager Fund
Class IA	17,556,287.34	11,847,214.18	45,658,943.22
Class IB	3,446,135.67	15,577,482.04	13,591,095.47

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APPENDIX B

Form of New Management Contract

This Management Contract is dated as of _____, 2007 between [NAME OF FUND], a Massachusetts business trust (the "Fund"), and PUTNAM INVESTMENT MANAGEMENT, LLC, a Delaware limited liability company (the "Manager").

In consideration of the mutual covenants herein contained, it is agreed as follows:

1. SERVICES TO BE RENDERED BY MANAGER TO FUND.

(a) The Manager, at its expense, will furnish continuously an investment program for the Fund or, in the case of a Fund that has divided its shares into two or more series under Section 18(f)(2) of the Investment Company Act of 1940, as amended (the "1940 Act"), each series of the Fund identified from time to time on Schedule A to this Contract (each reference in this Contract to "a Fund" or to "the Fund" is also deemed to be a reference to any existing series of the Fund, as appropriate in the particular context), will determine what investments will be purchased, held, sold or exchanged by the Fund and what portion, if any, of the assets of the Fund will be held uninvested and will, on behalf of the Fund, make changes in such investments. Subject always to the control of the Trustees of the Fund and except for the functions carried out by the officers and personnel referred to in

Section 1(d), the Manager will also manage, supervise and conduct the other affairs and business of the Fund and matters incidental thereto. In the performance of its duties, the Manager will comply with the provisions of the Agreement and Declaration of Trust and By-Laws of the Fund and the stated investment objectives, policies and restrictions of the Fund, will use its best efforts to safeguard and promote the welfare of the Fund and to comply with other policies which the Trustees may from time to time determine and will exercise the same care and diligence expected of the Trustees.

(b) The Manager, at its expense, except as such expense is paid by the Fund as provided in Section 1(d), will furnish (1) all necessary investment and management facilities, including salaries of personnel, required for it to execute its duties faithfully; (2) suitable office space for the Fund; and (3) administrative facilities, including bookkeeping, clerical personnel and equipment necessary for the efficient conduct of the affairs of the Fund, including determination of the net asset value of the Fund, but excluding shareholder accounting services. Except as otherwise provided in Section 1(d), the Manager will pay the compensation, if any, of the officers of the Fund.

(c) The Manager, at its expense, will place all orders for the purchase and sale of portfolio investments for the Fund's account with brokers or dealers selected by the Manager. In the selection of such brokers or dealers and the placing of such orders, the Manager will use its best efforts to obtain for the Fund the most favorable price and execution available, except to the extent it may be permitted to pay higher brokerage commissions for brokerage and research services as described below. In using its best efforts to obtain for the Fund the most favorable price and execution available, the Manager, bearing in mind the Fund's best interests at all times, will consider all factors it deems relevant, including by way of illustration, price, the size of the transaction, the nature of the market for the security, the amount of the commission, the timing of the transaction taking into account market prices and trends, the reputation, experience and financial stability of the broker or dealer involved and the quality of service rendered by the broker or dealer in other transactions. Subject to such policies as the Trustees of the Fund may determine, the Manager will not be deemed to have acted unlawfully or to have breached any duty created by this Contract or otherwise solely by reason of its having caused the Fund to pay a broker or dealer that provides brokerage and research services to the Manager an amount of commission for effecting a portfolio investment transaction in excess of the amount of commission another broker or dealer would have charged for effecting that transaction, if the Manager determines in good faith that such amount of commission was reasonable in relation to the value of the brokerage and research services provided by such broker or dealer, viewed in terms of either that particular transaction or the Manager's overall responsibilities with respect to the Fund and to other clients of the Manager as to which the Manager exercises investment discretion. The Manager agrees that in connection with purchases or sales of portfolio investments for the Fund's account, neither the Manager nor any officer, director, employee or agent of the Manager shall act as a principal or receive any commission other than as provided in Section 3.

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(d) The Fund will pay or reimburse the Manager for the compensation in whole or in part of such officers of the Fund and persons assisting them as may be determined from time to time by the Trustees of the Fund. The Fund will also pay or reimburse the Manager for all or part of the cost of suitable office space, utilities, support services and equipment attributable to such officers and persons as may be determined in each case by the Trustees of the Fund. The Fund will pay the fees, if any, of the Trustees of the Fund.

(e) The Manager will not be obligated to pay any expenses of or for the Fund not expressly assumed by the Manager pursuant to this Section 1 other than as provided in Section 3.

(f) Subject to the prior approval of a majority of the Trustees, including a majority of the Trustees who are not interested persons and, to the extent required by the 1940 Act and the rules and regulations under the 1940 Act, subject to any applicable guidance or interpretation of the Securities Exchange Commission or its staff, by the shareholders of the Fund, the Manager may, from time to time, delegate to a sub-adviser or sub-administrator any of the Manager's duties under this Contract, including the management of all or a portion of the assets being managed. In all instances, however, the Manager must oversee the provision of delegated services, the Manager must bear the separate costs of employing any sub-adviser or sub-administrator, and no delegation will relieve the Manager of any of its obligations under this Contract.

2. OTHER AGREEMENTS, ETC.

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It is understood that any of the shareholders, Trustees, officers and employees of the Fund may be a shareholder, director, officer or employee of, or be otherwise interested in, the Manager, and in any person controlled by or under common control with the Manager, and that the Manager and any person controlled by or under common control with the Manager may have an interest in the Fund. It is also understood that the Manager and any person controlled by or under common control with the Manager may have advisory, management, service or other contracts with other organizations and persons and may have other interests and business.

3. COMPENSATION TO BE PAID BY THE FUND TO THE MANAGER.

The Fund will pay to the Manager as compensation for the Manager's services rendered, for the facilities furnished and for the expenses borne by the Manager pursuant to paragraphs (a), (b), and (c) of Section 1, a fee, based on the Fund's Average Net Assets, computed and paid [monthly/quarterly] at the annual rates set forth on Schedule B attached to this Contract, as from time to time amended.

[This paragraph included for all funds except closed-end funds] [Average Net Assets] means the average of all of the determinations of the Fund's net asset value at the close of business on each business day during each [month/quarter] while this Contract is in effect. The fee is payable for each [month/quarter] within [15/30]² days after the close of the [month/quarter].

[This paragraph included for Putnam California Investment Grade Municipal Trust, Putnam High Yield Municipal Trust, Putnam Investment Grade Municipal Trust, Putnam Managed Municipal Income Trust, Putnam Municipal Bond Fund, Putnam Municipal Opportunities Trust, and Putnam New York Investment Grade Municipal Trust only] [Average Net Assets] means the average of all of the determinations of the Fund's net asset value during each quarter at the close of business on the last business day of each week, for each week which ends during the quarter. The fee is payable for each quarter within 30 days after the close of the quarter.

[This paragraph included for Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust, and Putnam Premier Income Trust only] [Average Net Assets] means the average of the weekly determinations of the difference between the total assets of the Fund (including any assets attributable to leverage for investment purposes) and the total liabilities of the Fund (excluding liabilities incurred in connection with leverage for investment purposes), determined at the close of the last business day of each

¹ Fees are computed and paid *monthly* for Putnam AMT-Free Insured Municipal Fund, Putnam Floating Rate Income Fund, Putnam Global Equity Fund, Putnam Income Strategies Fund, Putnam OTC & Emerging Growth Fund, Putnam Prime Money Market Fund, Putnam RetirementReady 2050 Fund, Putnam RetirementReady 2045 Fund, Putnam RetirementReady 2040 Fund, Putnam RetirementReady 2035 Fund, Putnam RetirementReady 2030 Fund, Putnam RetirementReady 2025 Fund, Putnam RetirementReady 2020 Fund, Putnam RetirementReady 2015 Fund, Putnam RetirementReady 2010 Fund, Putnam RetirementReady Maturity Fund, Putnam Tax-Free High Yield Fund, Putnam VT Capital Appreciation Fund, Putnam VT Capital Opportunities Fund, Putnam VT Discovery Growth Fund, Putnam VT Equity Income Fund, and Putnam VT Mid Cap Value Fund. For all other Putnam funds, fees are computed and paid *quarterly*.

² Fees are payable within 15 days after the close of the month for Putnam AMT-Free Insured Municipal Fund, Putnam Income Strategies Fund, Putnam Prime Money Market Fund, and Putnam Tax-Free High Yield Fund. Fees are payable within 30 days after the close of the month or quarter, as applicable, for all other Putnam funds.

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week, for each week which ends during the quarter. The fee is payable for each quarter within 30 days after the close of the quarter. As used in this Section 3, [leverage for investment purposes] means any incurrence of indebtedness the proceeds of which are to be invested in accordance with the Fund's investment objective. For purposes of calculating Average Net Assets, liabilities associated with any instruments or transactions used to leverage the Fund's portfolio for investment purposes (whether or not such instruments or transactions are [covered] within the meaning of the 1940 Act and the rules and regulations thereunder, giving effect to any interpretations of the Securities and Exchange Commission and its staff) are not considered liabilities. For purposes of calculating Average Net Assets, the total assets of the Fund will be deemed to include (a) any proceeds from the sale or transfer of an asset (the [Underlying Asset]) of the Fund to a counterparty in a reverse repurchase or dollar roll transaction and (b) the value of such Underlying Asset as of the relevant measuring date.

[This paragraph included for Putnam Tax-Free Health Care Fund only] "Average Net Assets" means the average of the weekly determinations of the difference between the total assets of the Fund (including any assets attributable to leverage for investment purposes) and the total liabilities of the Fund (excluding liabilities incurred in connection with leverage for investment purposes), determined at the close of the last business day of each week, for each week which ends during the quarter. The fee is payable for each quarter within 30 days after the close of the quarter. As used in this Section 3, "leverage for investment purposes" means any incurrence of indebtedness or issuance of Preferred Shares (as defined below), the proceeds of which are to be invested in accordance with the Fund's investment objective. For purposes of calculating Average Net Assets, neither the liquidation preference of any Preferred Shares nor any liabilities associated with any instruments or transactions used to leverage the Fund's portfolio for investment purposes (whether or not such instruments or transactions are "covered" within the meaning of the 1940 Act and the rules and regulations thereunder, giving effect to any interpretations of the Securities and Exchange Commission and its staff), is considered a liability. For purposes of calculating Average Net Assets, the total assets of the Fund will be deemed to include (a) any proceeds from the sale or transfer of an asset (the "Underlying Asset") of the Fund to a counterparty in a reverse repurchase or dollar roll transaction and (b) the value of such Underlying Asset as of the relevant measuring date.

[This paragraph included for Putnam California Investment Grade Municipal Trust, Putnam High Yield Municipal Trust, Putnam Investment Grade Municipal Trust, Putnam Managed Municipal Income Trust, Putnam Municipal Bond Fund, Putnam Municipal Opportunities Trust, and Putnam New York Investment Grade Municipal Trust only] In the event that the amount of dividends payable with respect to any outstanding shares of beneficial interest of the Fund with preference rights ("Preferred Shares") during any period for which regular payments of dividends or other distributions on such Preferred Shares are payable (each, a "Dividend Period") plus expenses attributable to such Preferred Shares for such Dividend Period exceeds the portion of the Fund's net income and net short-term capital gains (but not long-term capital gains) accruing during such Dividend Period as a result of the fact that such Preferred Shares were outstanding during such Period, then the fee payable to the Manager pursuant to this Section 3 shall be reduced by the amount of such excess; provided, however, that the amount of such reduction for any such Period shall not exceed the amount determined by multiplying (i) the aggregate liquidation preference of the average number of Preferred Shares outstanding during the Period by (ii) the percentage of the aggregate net asset value of the Fund which the fee payable to the Manager during such Period pursuant to this Section 3 would constitute without giving effect to such reduction. The amount of such reduction attributable to any Dividend Period shall reduce the amount of the next quarterly payment of the fee payable pursuant to this Section 3 following the end of such Dividend Period, and of any subsequent quarterly or more frequent payments, as may be necessary. The expenses attributable to the Preferred Shares and the portion of the Fund's net income and net short-term capital gains accruing during any Dividend Period as a result of the fact that Preferred Shares were outstanding during such Period shall be determined by the Trustees of the Fund.

[For Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust, and Putnam Premier Income Trust only] In the event that, during any period for which payments of interest or fees (whether designated as such or implied) are payable in connection with any indebtedness or other obligation of the Fund incurred for investment purposes

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(a "Measurement Period"), the amount of interest payments and fees with respect to such indebtedness or other obligation, plus additional expenses attributable to any such leverage for investment purposes for such Measurement Period, exceeds the portion of the Fund's net income and net short-term capital gains (but not long-term capital gains) accruing during such Measurement Period as a result of the fact that such indebtedness or other obligation was outstanding during the Measurement Period, then the fee payable to the Manager pursuant to this Section 3 shall be reduced by the amount of such excess; provided, however, that the amount of such reduction for any such Period shall not exceed the amount determined by multiplying (i) the aggregate value of all assets representing leverage for investment purposes by (ii) the percentage of the Average Net Assets of the Fund which the fee payable to the Manager during such Measurement Period pursuant to this Section 3 would constitute without giving effect to such reduction. The amount of such reduction attributable to any Measurement Period shall reduce the amount of the next quarterly payment of the fee payable pursuant to this Section 3 following the end of such Measurement Period, and of any subsequent quarterly or more frequent payments, as may be necessary. The expenses attributable to leverage for investment purposes and the portion of the Fund's net income and net short-term capital gains accruing during any Measurement Period as a result of the fact that leverage for investment purposes was outstanding during such Measurement Period shall be determined by the Trustees of the Fund.

[For Putnam Tax-Free Health Care Fund only] In the event that, during any period for which payments of dividends or other distributions on any outstanding shares of beneficial interest of the Fund having a preference as to dividends and/or in liquidation over the Fund's common shares of beneficial interest (Preferred Shares) are payable or during which payments of interest or fees (whether designated as such or implied) are payable in connection with any indebtedness or other obligation of the Fund incurred for investment purposes (a Measurement Period), the amount of dividends or other distributions payable with respect to such Preferred Shares, plus the amount of interest payments and fees with respect to such indebtedness or other obligation, plus additional expenses attributable to any such leverage for investment purposes for such Measurement Period, exceeds the portion of the Fund's net income and net short-term capital gains (but not long-term capital gains) accruing during such Measurement Period as a result of the fact that such Preferred Shares and/or such indebtedness or other obligation was outstanding during the Measurement Period, then the fee payable to the Manager pursuant to this Section 3 shall be reduced by the amount of such excess; provided, however, that the amount of such reduction for any such Period shall not exceed the amount determined by multiplying (i)(A) the aggregate liquidation preference of the average number of Preferred Shares outstanding during the Period plus (B) the aggregate value of all other assets representing leverage for investment purposes by (ii) the percentage of the Average Net Assets of the Fund which the fee payable to the Manager during such Measurement Period pursuant to this Section 3 would constitute without giving effect to such reduction. The amount of such reduction attributable to any Measurement Period shall reduce the amount of the next quarterly payment of the fee payable pursuant to this Section 3 following the end of such Measurement Period, and of any subsequent quarterly or more frequent payments, as may be necessary. The expenses attributable to leverage for investment purposes and the portion of the Fund's net income and net short-term capital gains accruing during any Measurement Period as a result of the fact that Preferred Shares and/or other leverage for investment purposes were outstanding during such Measurement Period shall be determined by the Trustees of the Fund.

The fees payable by the Fund to the Manager pursuant to this Section 3 will be reduced by any commissions, fees, brokerage or similar payments received by the Manager or any affiliated person of the Manager in connection with the purchase and sale of portfolio investments of the Fund, less any direct expenses approved by the Trustees incurred by the Manager or any affiliated person of the Manager in connection with obtaining such payments.

In the event that expenses of the Fund for any fiscal year exceed the expense limitation on investment company expenses imposed by any statute or regulatory authority of any jurisdiction in which shares of the Fund are qualified for offer or sale, the compensation due the Manager for such fiscal year will be reduced by the amount of excess by a reduction or refund thereof. In the event that the expenses of the Fund exceed any expense limitation which the Manager may, by written notice to the Fund, voluntarily declare to be effective subject to such terms and conditions as the Manager may prescribe in such notice, the compensation due

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the Manager will be reduced, and if necessary, the Manager will assume expenses of the Fund, to the extent required by the terms and conditions of such expense limitation.

If the Manager serves for less than the whole of a [month/quarter], the foregoing compensation will be prorated.

4. ASSIGNMENT TERMINATES THIS CONTRACT; AMENDMENTS OF THIS CONTRACT.

This Contract will automatically terminate, without the payment of any penalty, in the event of its assignment, provided that no delegation of responsibilities by the Manager pursuant to Section 1(f) will be deemed to constitute an assignment. No provision of this Contract may be changed, waived, discharged or terminated orally, but only by an instrument in writing signed by the party against which enforcement of the change, waiver, discharge or termination is sought. No amendment of this Contract is effective until approved in a manner consistent with the 1940 Act, the rules and regulations under the 1940 Act and any applicable guidance or interpretation of the Securities Exchange Commission or its staff.

5. EFFECTIVE PERIOD AND TERMINATION OF THIS CONTRACT.

This Contract is effective upon its execution and will remain in full force and effect as to a Fund continuously thereafter (unless terminated automatically as set forth in Section 4 or terminated in accordance with the following paragraph) through June 30, 2008, and will continue in effect from year to year thereafter so long as its

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continuance is approved at least annually by (i) the Trustees, or the shareholders by the affirmative vote of a majority of the outstanding shares of the respective Fund, and (ii) a majority of the Trustees who are not interested persons of the Fund or of the Manager, by vote cast in person at a meeting called for the purpose of voting on such approval.

Either party hereto may at any time terminate this Contract as to a Fund by not less than 60 days' written notice delivered or mailed by registered mail, postage prepaid, to the other party. Action with respect to a Fund may be taken either (i) by vote of a majority of the Trustees or (ii) by the affirmative vote of a majority of the outstanding shares of the respective Fund.

Termination of this Contract pursuant to this Section 5 will be without the payment of any penalty.

6. CERTAIN DEFINITIONS.

For the purposes of this Contract, the "affirmative vote of a majority of the outstanding shares" of a Fund means the affirmative vote, at a duly called and held meeting of shareholders of the respective Fund, (a) of the holders of 67% or more of the shares of the Fund present (in person or by proxy) and entitled to vote at the meeting, if the holders of more than 50% of the outstanding shares of the Fund entitled to vote at the meeting are present in person or by proxy or (b) of the holders of more than 50% of the outstanding shares of the Fund entitled to vote at the meeting, whichever is less.

For the purposes of this Contract, the terms "affiliated person," "control," "interested person" and "assignment" have their respective meanings defined in the 1940 Act, subject, however, to the rules and regulations under the 1940 Act and any applicable guidance or interpretation of the Securities Exchange Commission or its staff; the term "approve at least annually" will be construed in a manner consistent with the 1940 Act and the rules and regulations under the 1940 Act and any applicable guidance or interpretation of the Securities Exchange Commission or its staff; and the term "brokerage and research services" has the meaning given in the Securities Exchange Act of 1934 and the rules and regulations under the Securities Exchange Act of 1934 and under any applicable guidance or interpretation of the Securities Exchange Commission or its staff.

7. NON-LIABILITY OF MANAGER.

In the absence of willful misfeasance, bad faith or gross negligence on the part of the Manager, or reckless disregard of its obligations and duties hereunder, the Manager shall not be subject to any liability to the Fund or to any shareholder of the Fund for any act or omission in the course of, or connected with, rendering services hereunder.

8. LIMITATION OF LIABILITY OF THE TRUSTEES, OFFICERS, AND SHAREHOLDERS.

A copy of the Agreement and Declaration of Trust of the Fund is on file with the Secretary of The Commonwealth of Massachusetts, and notice is hereby given that this instrument is executed on behalf of the Trustees of the Fund as Trustees and not individually and that the obligations of or arising out of this instrument are not binding upon any of the Trustees, officers or shareholders individually but are binding only upon the assets and property of the respective Fund.

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IN WITNESS WHEREOF, [NAME OF FUND] and
PUTNAM INVESTMENT MANAGEMENT, LLC have
each caused this instrument to be signed on its behalf
by its President or a Vice President thereunto duly
authorized, all as of the day and year first above written.

[NAME OF FUND]

By:

PUTNAM INVESTMENT
MANAGEMENT, LLC

By:

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Schedule A

[LIST OF FUNDS]

Schedule B

[FEE SCHEDULE. See **Appendix E** to this proxy statement for each fund's detailed fee information.]

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APPENDIX C

Comparison of Terms of Management Contracts

As noted above, the Trustees have taken the opportunity presented by the need to approve new management contracts to standardize, clarify and modernize various provisions of your fund's management contract. This **Appendix C** describes certain differences between the proposed new management contract and the current management contracts. Except as noted, the proposed new management contract for a fund does not differ in any substantive respects from a fund's current management contract. Minor clarifications of language, corrections of obvious typographical errors and elimination of outdated provisions with no current or future application that do not change a reasonable substantive interpretation of a contract are not separately described. The complete text of the form of the proposed new management contract is included in **Appendix B** and you should refer to that Appendix for the complete terms of the contract. For each fund's particular fee schedule, please refer to **Appendix E**. Note that defined terms reflected here are defined in the proposed management contract at **Appendix B** (i.e., Manager).

Names

The current management contracts for some funds have not been updated to reflect the current name and jurisdiction of organization of the funds' investment adviser, Putnam Investment Management, LLC, a Delaware limited liability company. In addition, for a number of funds, the current management contracts have not been updated to reflect new fund names (as a result of the creation of a new fund) or the termination of a prior fund (e.g., in the case of a fund merger). The proposed management contracts reflect the current name and jurisdiction of organization of the funds' investment adviser, Putnam Investment Management, LLC, as well as the current names of the funds.

Services

Putnam Municipal Opportunities Trust
Putnam Prime Money Market Fund

These funds are currently party to separate investment management and administrative services contracts with the Manager. Each fund's current investment management contract, in comparison with its proposed new management contract, does not include provisions relating to administrative services. If the proposed new

management contracts for these funds are approved, these funds' administrative services contracts will be terminated and the funds will receive administrative (and investment management) services under the proposed new management contract.

Sub-Advisers and Sub-Administrators

All Putnam funds

None of the funds' current management contracts specifically address the Manager's ability to delegate responsibilities to sub-advisers or sub-administrators. A provision is included in the proposed new management contracts for all of the funds that explicitly recognizes the Manager's ability to delegate responsibilities, in accordance with current interpretations and guidance of the SEC's staff. In addition, the proposed new management contract provides that a delegation of the Manager's responsibilities permitted under the contract is not deemed to constitute an "assignment" that would automatically cause the contract to terminate. The funds do not anticipate any change in the Manager's delegation of responsibilities as a result of these changes.

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Fees

Putnam Municipal Opportunities Trust Putnam Prime Money Market Fund

The current management contracts and the proposed new management contracts for these funds provide that the fund will pay the Manager compensation for the Manager's investment management services rendered, for the facilities furnished to the fund, and for the expenses borne by the Manager in connection with providing such services and facilities, including placing orders with brokers or dealers for the purchase and sale of portfolio investments for the fund. As mentioned above, the proposed new management contracts for these funds also address the provision of administrative services. Thus, the proposed new management contracts for these funds include the fees for both investment and administrative services. There is no change in the aggregate fees that each of these funds will pay to the Manager for investment management and administrative services. Please refer to **Appendix E** for information about the applicable fee rates.

Putnam Convertible Income-Growth Trust Putnam Equity Income Fund The Putnam Fund for Growth and Income The George Putnam Fund of Boston Putnam Global Natural Resources Fund Putnam Income Fund Putnam Investors Fund Putnam Vista Fund Putnam Voyager Fund

The current management contracts for these funds do not address a reduction of management fees through an expense limitation voluntarily agreed to in writing by the Manager in the event that the expenses of the fund exceed any expense limitation which the Manager may have declared to be effective. The proposed new management contracts include a provision addressing the possibility that management fees may be reduced where expenses of the fund exceed any voluntary expense limitations assumed by the Manager.

Term and Termination

All Putnam funds

The current management contracts provide that either party may terminate the contract as to a fund by not more than 60 days' nor less than 30 days' written notice. Each proposed new management contract provides that either party to it may terminate the contract as to a fund at any time by not less than 60 days' written notice, which, from the funds' perspective, provides a more reasonable period of time during which to seek a new investment

adviser if the Manager terminates the contract.

All Putnam funds

Each proposed new management contract provides that it is effective upon execution and will remain in full force and effect as to a fund continuously thereafter, unless terminated automatically in the event of assignment or by either party to the contract by written notice (as described above), through June 30, 2008, and that after June 30, 2008 it will continue from year to year so long as its continuance is approved at least annually in a specified manner. The current management contracts' provisions addressing effective period and termination do not contain any reference to June 30, 2008 but are otherwise substantively the same as the provisions in the proposed new management contract.

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APPENDIX D

Management Contracts: Dates and Approvals

The following table contains information regarding the date of each fund's current management contract, the date on which it was last approved by shareholders and the purpose for that submission. Except as noted, for each fund listed below, the date on which the continuance of its management contract was last approved by the Board of Trustees was June 9, 2006.

Fund	Date of Current Management Contract	Date Current Management Contract Last Submitted to Shareholder Vote	Purpose of Submission of Current Management Contract to Shareholders
Putnam American Government Income Fund	03/05/98	March 5, 1998	Fee increa
Putnam AMT-Free Insured Municipal Fund	07/26/85, as most recently revised 03/21/05	July 7, 1991	Fee increa
Putnam Arizona Tax Exempt Income Fund	07/16/99	March 5, 1992	Fee stru chan
Putnam Asset Allocation: Balanced Portfolio	01/20/97	November 4, 1993	Organiza the fu
Putnam Asset Allocation: Conservative Portfolio	01/20/97	November 4, 1993	Organiza the fu
Putnam Asset Allocation: Growth Portfolio	01/20/97	November 4, 1993	Organiza the fu

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Putnam California Investment Grade Municipal Trust*	01/01/06	November 12, 1992	Organiza the fu
Putnam California Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee stru chan
Putnam Capital Appreciation Fund	09/20/96	May, 1993	Organiza the fu
Putnam Capital Opportunities Fund^	12/02/94, as most recently revised 02/09/07	June 1, 1998	Organiza the fu
Putnam Classic Equity Fund	10/07/94	June 6, 1991	Fee inc
Putnam Convertible Income-Growth Trust	02/20/97	July 1, 1994	Fee inc
Putnam Discovery Growth Fund	09/29/95	September 8, 1995	Fee inc
Putnam Diversified Income Trust	01/20/97	August, 1988	Organiza the fu
Putnam Equity Income Fund	07/11/96	July 11, 1996	Fee inc
Putnam Europe Equity Fund	10/21/96	September 7, 1990	Organiza the fu
Putnam Floating Rate Income Fund	06/07/96, as most recently revised 06/25/04	June, 2004	Organiza the fu

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Fund	Date of Current Management Contract	Date Current Management Contract Last Submitted to Shareholder Vote	Purpose of Last Submission of Current Management Contract to Shareholder Vote
The Putnam Fund for Growth and Income	07/01/00	July 11, 1991	Fee structure change
The George Putnam Fund of Boston	07/11/96	July 11, 1996	Fee increase

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Putnam Global Equity Fund	12/07/00	December 7, 2000	Fee increase
Putnam Global Income Trust	07/01/99	July 11, 1991	Fee structure change
Putnam Global Natural Resources Fund	12/20/96	July 9, 1992	Fee decrease
Putnam Growth Opportunities Fund^	12/02/94, as most recently revised 02/09/07	October 2, 1995	Organization of the fund
Putnam Health Sciences Trust	10/20/96	March 5, 1992	Fee increase
Putnam High Income Securities Fund*	01/01/06	July 14, 2005	Permit compensation for the management of leveraged assets
Putnam High Yield Advantage Fund	03/20/97	May 5, 1994	Fee increase
Putnam High Yield Municipal Trust*	01/01/06	June 6, 1991	Continuation of contract without changes approved by first shareholder meeting
Putnam High Yield Trust	12/20/96	July 8, 1993	Fee increase
Putnam Income Fund	04/06/95	April 6, 1995	Fee increase
Putnam Income Strategies Fund	06/07/96, as most recently revised 06/25/04	September 13, 2004	Organization of the fund
Putnam International Capital Opportunities Fund^	12/02/94, as most recently revised 02/09/07	December 28, 1995	Organization of the fund
Putnam International Equity Fund	10/21/96	October, 1990	Organization of the fund
Putnam International Growth and Income Fund	06/07/96, as most recently revised 06/25/04	August 1, 1996	Organization of the fund
Putnam International New Opportunities Fund^	12/02/94, as most recently revised 02/09/07	January 3, 1995	Organization of the fund
Putnam Investment Grade Municipal Trust*	01/01/06	July 11, 1991	Continuation of contract without changes approved at shareholder meeting

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Fund	Date of Current Management Contract	Date Current Management Contract Last Submitted to Shareholder Vote	Purpose of Last Submission of Current Management Contract to Shareholder Vote
Putnam Investors Fund	11/20/96	July 9, 1992	Fee increase
Putnam Limited Duration Government Income Fund	07/01/00	February 16, 1993	Organization of the fund
Putnam Managed Municipal Income Trust*	01/01/06	February 24, 1989	Organization of the fund
Putnam Massachusetts Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee structure change
Putnam Master Intermediate Income Trust*	01/01/06	July 14, 2005	Permit compensation for the management of leveraged assets
Putnam Michigan Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee structure change
Putnam Mid Cap Value Fund^	12/02/94, as most recently revised 02/09/07	November 1, 1999	Organization of the fund
Putnam Minnesota Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee structure change
Putnam Money Market Fund*	01/01/06	November 5, 1982	Fee decrease
Putnam Municipal Bond Fund*	01/01/06	November 12, 1992	Organization of the fund
Putnam Municipal Opportunities Trust*	01/01/06	May 13, 1993	Organization of the fund
Putnam New Jersey Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee structure change

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Putnam New Opportunities Fund	07/01/00	December 5, 1991	Fee decrease
Putnam New Value Fund^	12/02/94, as most recently revised 02/09/07	January 3, 1995	Organization of the fund
Putnam New York Investment Grade Municipal Trust*	01/01/06	November 12, 1992	Organization of the fund
Putnam New York Tax Exempt Income Fund	07/01/99	July 11, 2001	Fee increase
Putnam Ohio Tax Exempt Income Fund	07/01/99	July 11, 2001	Fee structure change
Putnam OTC & Emerging Growth Fund	11/20/96	July 8, 1993	Fee structure change
Putnam Pennsylvania Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee structure change

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Fund	Date of Current Management Contract	Date Current Management Contract Last Submitted to Shareholder Vote	Purpose of Last Submission of Current Management Contract to Shareholder Vote
Putnam Premier Income Trust*	01/01/06	July 14, 2005	Permit compensation for the management of leveraged assets
Putnam Prime Money Market Fund	02/13/03	February, 2003	Organization of the fund
Putnam Research Fund**^	12/02/94, as most recently revised 02/09/07	December 14, 2006	Eliminating the incentive fee component of the management fee
Putnam RetirementReady 2010 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2015 Fund	06/11/04, as most recently	October 28, 2004	Organization of

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	revised 03/10/05		the fund
Putnam RetirementReady 2020 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2025 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2030 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2035 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2040 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2045 Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam RetirementReady 2050 Fund	06/11/04, as most recently revised 03/10/05	April 22, 2005	Organization of the fund
Putnam RetirementReady Maturity Fund	06/11/04, as most recently revised 03/10/05	October 28, 2004	Organization of the fund
Putnam Small Cap Growth Fund	06/07/96, as most recently revised 06/25/04	December 31, 1997	Organization of the fund
Putnam Small Cap Value Fund^	12/02/94, as most recently revised 02/09/07	April 13, 1999	Organization of the fund
Putnam Tax Exempt Income Fund	07/01/99	July 11, 1991	Fee increase
Putnam Tax Exempt Money Market Fund	01/20/97	July 9, 1992	Fee decrease
Putnam Tax-Free Health Care Fund***	01/01/06	December 27, 2005	Permit compensation for the management of leveraged assets
Putnam Tax-Free High Yield Fund	07/26/85, as most recently revised 03/21/05	May 5, 1994	Fee increase
Putnam Tax Smart Equity Fund®	04/13/99	April, 1999	Organization of the fund

Fund	Date of Current Management Contract	Date Current Management Contract Last Submitted to Shareholder Vote	Purpose of Last Submission of Current Management Contract to Shareholder Vote
Putnam U.S. Government Income Trust	07/08/94	July 11, 1991	Fee decrease
Putnam Utilities Growth and Income Fund	02/20/97	March 5, 1992	Fee structure change
Putnam Vista Fund	11/20/96	July 8, 1993	Fee increase
Putnam Voyager Fund	07/01/00	July 11, 1991	Fee increase
Putnam VT American Government Income Fund	10/02/87, as most recently revised 03/17/03	February 1, 2000	Organization of the fund
Putnam VT Capital Appreciation Fund	10/02/87, as most recently revised, 03/17/03	September 29, 2000	Organization of the fund
Putnam VT Capital Opportunities Fund	10/02/87, as most recently revised 03/17/03	May 1, 2003	Organization of the fund
Putnam VT Discovery Growth Fund	10/02/87, as most recently revised 03/17/03	September 29, 2000	Organization of the fund
Putnam VT Diversified Income Fund	10/02/87, as most recently revised 03/17/03	September 15, 1993	Organization of the fund
Putnam VT Equity Income Fund	10/02/87, as most recently revised 03/17/03	May 1, 2003	Organization of the fund
Putnam VT The George Putnam Fund of Boston	10/02/87, as most recently revised 03/17/03	April 30, 1998	Organization of the fund
Putnam VT Global Asset Allocation Fund	10/02/87, as most recently revised 03/17/03	February 1, 1988	Organization of the fund
Putnam VT Global Equity Fund	10/02/87, as most recently revised 03/17/03	November 4, 1999	Fee increase
Putnam VT Growth and Income Fund	10/02/87, as most recently	February 1, 1988	Organization of

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	revised 03/17/03		the fund
Putnam VT Growth Opportunities Fund	10/02/87, as most recently revised 03/17/03	February 1, 2000	Organization of the fund
Putnam VT Health Sciences Fund	10/02/87, as most recently revised 03/17/03	April 30, 1998	Organization of the fund
Putnam VT High Yield Fund	10/02/87, as most recently revised 03/17/03	February 1, 1988	Organization of the fund
Putnam VT Income Fund	10/02/87, as most recently revised 03/17/03	July 13, 1995	Fee increase
Putnam VT International Equity Fund	10/02/87, as most recently revised 03/17/03	January 2, 1997	Organization of the fund
Putnam VT International Growth and Income Fund	10/02/87, as most recently revised 03/17/03	January 2, 1997	Organization of the fund
Putnam VT International New Opportunities Fund	10/02/87, as most recently revised 03/17/03	January 2, 1997	Organization of the fund
Putnam VT Investors Fund	10/02/87, as most recently revised 03/17/03	April 30, 1998	Organization of the fund
Putnam VT Mid Cap Value Fund	10/02/87, as most recently revised 03/17/03	May 1, 2003	Organization of the fund

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Fund	Date of Current Management Contract	Date Current Management Contract Last Submitted to Shareholder Vote	Purpose of Last Submission of Current Management Contract to Shareholder Vote
Putnam VT Money Market Fund	10/02/87, as most recently revised 03/17/03	February 1, 1988	Organization of the fund
Putnam VT New Opportunities Fund	10/02/87, as most recently revised 03/17/03	May 2, 1994	Organization of the fund

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Putnam VT New Value Fund	10/02/87, as most recently revised 03/17/03	January 2, 1997	Organization of the fund
Putnam VT OTC & Emerging Growth Fund	10/02/87, as most recently revised 03/17/03	April 30, 1998	Organization of the fund
Putnam VT Research Fund	10/02/87, as most recently revised 03/17/03	September 30, 1998	Organization of the fund
Putnam VT Small Cap Value Fund	10/02/87, as most recently revised 03/17/03	April 30, 1999	Organization of the fund
Putnam VT Utilities Growth and Income Fund	10/02/87, as most recently revised 03/17/03	July 11, 1996	Fee increase
Putnam VT Vista Fund	10/02/87, as most recently revised 03/17/03	January 2, 1997	Organization of the fund
Putnam VT Voyager Fund	10/02/87, as most recently revised 03/17/03	February 1, 1988	Organization of the fund

* At a meeting held on January 13, 2006, the Board of Trustees formally approved revised management contracts for these funds reflecting management fee reductions.

** At a meeting held on October 13, 2006, the Board of Trustees formally approved a revised management contract for this fund, amending the management contract to remove the incentive fee component from the management fee.

*** At a meeting held on July 15, 2005, the Board of Trustees formally approved a revised management contract for this fund, reflecting a management fee reduction and changing the fee base under the contract to □average weekly assets,□ which includes assets representing leverage for investment purposes.

^ At a meeting held on February 9, 2007, the Board of Trustees amended the management contract of Putnam Investment Funds, the Trust of which Putnam Capital Opportunities Fund, Putnam Growth Opportunities Fund, Putnam International Capital Opportunities Fund, Putnam International New Opportunities Fund, Putnam Mid Cap Value Fund, Putnam New Value Fund, Putnam Research Fund, and Putnam Small Cap Value Fund are series, to eliminate references to funds no longer in existence or which have separate management contracts with Putnam Management.

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APPENDIX E

Management Contracts: Fees

The following table sets forth the management fee schedule, the amount of management fees paid in the most recent fiscal year for each fund, and the annual rate at which fees were paid.

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Putnam Asset Allocation:	First \$500 million	0.70%	5,759,923	0.63% of average net assets
Conservative Portfolio	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess over \$21.5 billion	0.43%		

Putnam Asset Allocation:	First \$500 million	0.70%	9,639,295	0.60% of average net assets
Growth Portfolio	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess over \$21.5 billion	0.43%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid
Putnam California Investment Grade Municipal Trust	The lesser of 0.55%, or	531,472	0.77% of average weekly net assets attributable to common shares*
	First \$500 million	0.65%	
	Next \$500 million	0.55%	
	Next \$500 million	0.50%	
	Next \$5 billion	0.45%	
	Next \$5 billion	0.425%	
	Next \$5 billion	0.405%	
	Next \$5 billion	0.39%	
	Any excess thereafter	0.38%	
Putnam California Tax Exempt Income Fund	The lesser of 0.50%, or	10,368,635	0.48% of average net assets
	First \$500 million	0.60%	
	Next \$500 million	0.50%	
	Next \$500 million	0.45%	
	Next \$5 billion	0.40%	
	Next \$5 billion	0.375%	
	Next \$5 billion	0.355%	

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Next \$5 billion	0.34%
Any excess thereafter	0.33%

Putnam Capital Appreciation Fund	First \$500 million	0.65%	4,388,833	0.62% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess over \$21.5 billion	0.38%		

Putnam Capital Opportunities Fund	First \$500 million	0.65%	6,363,713	0.59% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam Classic Equity Fund	First \$500 million	0.65%	4,836,159	0.61% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam Convertible Income-Growth Trust	First \$500 million	0.65%	4,231,616	0.62% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam Discovery Growth Fund	First \$500 million	0.70%	5,497,942	0.60% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		

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Next \$5 billion	0.475%
Next \$5 billion	0.455%
Next \$5 billion	0.44%
Any excess thereafter	0.43%

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)		Annual Rate at which Fees were Paid
		Rate	Amount	
Putnam Diversified Income Trust	First \$500 million	0.70%	17,403,729	0.55% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
Putnam Equity Income Fund	First \$500 million	0.65%	18,067,258	0.50% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		
Putnam Europe Equity Fund	First \$500 million	0.80%	4,213,337	0.79% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		
Putnam Floating Rate Income Fund	First \$500 million	0.65%	1,719,001**	0.62% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		

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Next \$5 billion	0.45%
Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Next \$5 billion	0.38%
Next \$5 billion	0.37%
Next \$5 billion	0.36%
Next \$5 billion	0.35%
Next \$5 billion	0.34%
Next \$8.5 billion	0.33%
Any excess thereafter	0.32%

The Putnam Fund for Growth and Income	First \$500 million	0.65%	67,376,969	0.44% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Next \$5 billion	0.38%		
	Next \$5 billion	0.37%		
	Next \$5 billion	0.36%		
	Next \$5 billion	0.35%		
	Next \$5 billion	0.34%		
	Next \$8.5 billion	0.33%		
	Any excess over \$55 billion	0.32%		

The George Putnam Fund of Boston	First \$500 million	0.65%	23,520,227	0.48% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid
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Putnam Global Equity Fund	First \$500 million	0.80%	15,165,340	0.68% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Next \$5 billion	0.53%		
	Next \$5 billion	0.52%		
	Next \$5 billion	0.51%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.49%		
	Next \$8.5 billion	0.48%		
	Any excess over \$55 billion	0.47%		
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Putnam Global Income Trust	First \$500 million	0.70%	528,321	0.39% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
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Putnam Global Natural Resources Fund	First \$500 million	0.70%	4,126,921	0.68% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
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Putnam Growth Opportunities Fund	First \$500 million	0.70%	2,913,736	0.36% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
Any excess thereafter	0.43%			
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Putnam Health Sciences Trust	First \$500 million	0.70%	14,802,805	0.57% of average net assets
	Next \$500 million	0.60%		

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Next \$500 million	0.55%
Next \$5 billion	0.50%
Next \$5 billion	0.475%
Next \$5 billion	0.455%
Next \$5 billion	0.44%
Any excess over \$21.5 billion	0.43%

Putnam High Income Securities Fund	First \$500 million	0.70%	1,372,004	0.71% of average weekly net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Next \$5 billion	0.43%		
	Next \$5 billion	0.42%		
	Next \$5 billion	0.41%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.39%		
	Next \$8.5 billion	0.38%		
	Any excess thereafter	0.37%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year		Annual Rate at which Fees were Paid
		(after applicable waivers and reimbursements, if any) (\$)		
Putnam High Yield Advantage Fund	First \$500 million	0.70%	5,676,755	0.66% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
Putnam High Yield Municipal Trust	The lesser of 0.55%, or		1,448,462	0.83% of average weekly net assets attributable to common shares*
	First \$500 million	0.65%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.45%		

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Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Any excess thereafter	0.38%

Putnam High Yield Trust	First \$500 million	0.70%	13,784,128	0.57% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		

Putnam Income Fund	First \$500 million	0.65%	11,940,410	0.47% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam Income Strategies Fund	First \$500 million	0.65%	0***	0.00%***
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Next \$5 billion	0.38%		
	Next \$5 billion	0.37%		
	Next \$5 billion	0.36%		
	Next \$5 billion	0.35%		
	Next \$5 billion	0.34%		
	Next \$8.5 billion	0.33%		
	Any excess thereafter	0.32%		

Putnam International Capital Opportunities Fund	First \$500 million	1.00%	13,345,775	0.92% of average net assets
	Next \$500 million	0.90%		
	Next \$500 million	0.85%		
	Next \$5 billion	0.80%		
	Next \$5 billion	0.775%		
	Next \$5 billion	0.755%		

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Next \$5 billion	0.74%
Any excess thereafter	0.73%

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid	
Putnam International Equity Fund	First \$500 million	0.80%	39,425,440	0.63% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess over \$21.5 billion	0.53%		
Putnam International Growth and Income Fund	First \$500 million	0.80%	5,732,946	0.72% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		
Putnam International New Opportunities Fund	First \$500 million	1.00%	6,580,631	0.87% of average net assets
	Next \$500 million	0.90%		
	Next \$500 million	0.85%		
	Next \$5 billion	0.80%		
	Next \$5 billion	0.775%		
	Next \$5 billion	0.755%		
	Next \$5 billion	0.74%		
	Any excess thereafter	0.73%		
Putnam Investment Grade Municipal Trust	The lesser of 0.55%, or		2,059,634	0.91% of average weekly net assets attributable to common shares*
	First \$500 million	0.65%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.45%		

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Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Any excess thereafter	0.38%

Putnam Investors Fund	First \$500 million	0.65%	19,513,803	0.49% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess over \$21.5 billion	0.38%		

Putnam Limited Duration Government Income Fund	The lesser of 0.50%, or		2,392,584	0.48% of average net assets
	First \$500 million	0.60%		
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
Any excess over \$21.5 billion	0.33%			

Putnam Managed Municipal Income Trust	The lesser of 0.55%, or		3,167,820	0.84% of average weekly net assets attributable to common shares*
	First \$500 million	0.65%		
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
Any excess thereafter	0.38%			

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid
Putnam Massachusetts	The lesser of 0.50%, or	1,675,201	0.50% of average

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Tax Exempt Income Fund	First \$500 million	0.60%		net assets
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
	Any excess over \$21.5 billion	0.33%		
<hr/>				
Putnam Master Intermediate Income Trust	First \$500 million	0.75%	4,797,486	0.70% of average weekly net assets
	Next \$500 million	0.65%		
	Next \$500 million	0.60%		
	Next \$5 billion	0.55%		
	Next \$5 billion	0.525%		
	Next \$5 billion	0.505%		
	Next \$5 billion	0.49%		
	Next \$5 billion	0.48%		
	Next \$5 billion	0.47%		
	Next \$5 billion	0.46%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.44%		
	Next \$8.5 billion	0.43%		
	Any excess thereafter	0.42%		
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Putnam Michigan Tax Exempt Income Fund	The lesser of 0.50%, or		648,238	0.50% of average net assets
	First \$500 million	0.60%		
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
Any excess over \$21.5 billion	0.33%			
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Putnam Mid Cap Value Fund	First \$500 million	0.70%	5,871,795	0.66% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
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Putnam Minnesota Tax	The lesser of 0.50%, or		538,350	0.45% of average

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Exempt Income Fund	First \$500 million	0.60%		net assets
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
	Any excess over \$21.5 billion	0.33%		

Putnam Money Market Fund	First \$100 million	0.50%	10,390,443	0.30% of average net assets
	Next \$100 million	0.40%		
	Next \$300 million	0.35%		
	Next \$500 million	0.325%		
	Next \$500 million	0.30%		
	Next \$2.5 billion	0.275%		
	Next \$2.5 billion	0.25%		
	Next \$5 billion	0.225%		
	Next \$5 billion	0.205%		
	Next \$5 billion	0.19%		
	Any excess thereafter	0.18%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid	
Putnam Municipal Bond Fund	The lesser of 0.55%, or	2,290,901	0.97% of average weekly net assets attributable to common shares*	
	First \$500 million			0.65%
	Next \$500 million			0.55%
	Next \$500 million			0.50%
	Next \$5 billion			0.45%
	Next \$5 billion			0.425%
	Next \$5 billion			0.405%
	Next \$5 billion			0.39%
Any excess thereafter	0.38%			
Putnam Municipal Opportunities Trust [^]	The lesser of 0.35%, or	1,394,604	0.66% of average weekly net assets attributable to common shares*	
	First \$500 million			0.45%
	Next \$500 million			0.35%
	Next \$5 billion			0.25%

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Next \$5 billion	0.225%
Next \$5 billion	0.205%
Next \$5 billion	0.19%
Any excess thereafter	0.18%

Putnam New Jersey Tax Exempt Income Fund	The lesser of 0.50%, or First \$500 million	0.60%	1,101,027	0.50% of average net assets
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
	Any excess over \$21.5 billion	0.33%		

Putnam New Opportunities Fund	First \$500 million	0.70%	30,814,799	0.53% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Next \$5 billion	0.43%		
	Next \$5 billion	0.42%		
	Next \$5 billion	0.41%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.39%		
	Next \$8.5 billion	0.38%		
	Any excess above \$55 billion	0.37%		

Putnam New Value Fund	First \$500 million	0.70%	11,478,217	0.59% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		

Putnam New York Investment Grade Municipal Trust	The lesser of 0.55%, or First \$500 million	0.65%	302,665	0.78% of average weekly net assets attributable to common shares*
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		

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Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Any excess thereafter	0.38%

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid	
Putnam New York Tax Exempt Income Fund	The lesser of 0.50%, or	5,972,705	0.50% of average net assets	
	First \$500 million			0.60%
	Next \$500 million			0.50%
	Next \$500 million			0.45%
	Next \$5 billion			0.40%
	Next \$5 billion			0.375%
	Next \$5 billion			0.355%
	Next \$5 billion			0.34%
	Any excess over \$21.5 billion	0.33%		
Putnam Ohio Tax Exempt Income Fund	The lesser of 0.50%, or	849,434	0.49% of average	
	First \$500 million			0.60%
	Next \$500 million			0.50%
	Next \$500 million			0.45%
	Next \$5 billion			0.40%
	Next \$5 billion			0.375%
	Next \$5 billion			0.355%
	Next \$5 billion			0.34%
	Any excess over \$21.5 billion	0.33%		
Putnam OTC & Emerging Growth Fund	First \$500 million	6,255,747	0.60% of average net assets	
	Next \$500 million			0.70%
	Next \$500 million			0.60%
	Next \$5 billion			0.55%
	Next \$5 billion			0.50%
	Next \$5 billion			0.475%
	Next \$5 billion			0.455%
	Next \$5 billion			0.44%
	Any excess thereafter	0.43%		
Putnam Pennsylvania Tax	The lesser of 0.50%, or	926,507	0.50% of average	

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Exempt Income Fund	First \$500 million	0.60%		net assets
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
	Any excess over \$21.5 billion	0.33%		
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Putnam Premier Income Trust	First \$500 million	0.75%	8,927,294	0.66% of average weekly net assets
	Next \$500 million	0.65%		
	Next \$500 million	0.60%		
	Next \$5 billion	0.55%		
	Next \$5 billion	0.525%		
	Next \$5 billion	0.505%		
	Next \$5 billion	0.49%		
	Next \$5 billion	0.48%		
	Next \$5 billion	0.47%		
	Next \$5 billion	0.46%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.44%		
	Next \$8.5 billion	0.43%		
	Any excess thereafter	0.42%		
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Putnam Prime Money Market Fund ^v		0.20%	2,183,172	0.07% of average net assets
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Putnam Research Fund [□]	First \$500 million	0.65%	5,269,897	0.53% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)		Annual Rate at which Fees were Paid

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Putnam RetirementReady 2010 Fund		0.05%	29,736	0.05% of average net assets
Putnam RetirementReady 2015 Fund		0.05%	58,932	0.05% of average net assets
Putnam RetirementReady 2020 Fund		0.05%	64,225	0.05% of average net assets
Putnam RetirementReady 2025 Fund		0.05%	49,571	0.05% of average net assets
Putnam RetirementReady 2030 Fund		0.05%	25,310	0.05% of average net assets
Putnam RetirementReady 2035 Fund		0.05%	6,096	0.05% of average net assets
Putnam RetirementReady 2040 Fund		0.05%	0	0.00% of average net assets
Putnam RetirementReady 2045 Fund		0.05%	0	0.00% of average net assets
Putnam RetirementReady 2050 Fund		0.05%	0	0.00% of average net assets
Putnam RetirementReady Maturity Fund		0.05%	0	0.00% of average net assets
Putnam Small Cap Growth Fund	First \$500 million	1.00%	3,840,676	0.88% of average net assets
	Next \$500 million	0.90%		
	Next \$500 million	0.85%		
	Next \$5 billion	0.80%		
	Next \$5 billion	0.775%		
	Next \$5 billion	0.755%		

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Next \$5 billion	0.74%
Any excess thereafter	0.73%

Putnam Small Cap Value Fund	First \$500 million	0.80%	6,409,797**	0.76% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		

Putnam Tax Exempt Income Fund	The lesser of 0.50%, or		6,301,826	0.50% of average net assets
	First \$500 million	0.60%		
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
Any excess thereafter	0.33%			

Putnam Tax Exempt Money Market Fund	First \$500 million	0.45%	390,524	0.33% of average net assets
	Next \$500 million	0.35%		
	Next \$500 million	0.30%		
	Next \$5 billion	0.25%		
	Next \$5 billion	0.225%		
	Next \$5 billion	0.205%		
	Next \$5 billion	0.19%		
	Any excess thereafter	0.18%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid	
Putnam Tax-Free Health Care Fund	The lesser of 0.55%, or	1,177,515	0.61% of average weekly net as	
	First \$500 million			0.65%
	Next \$500 million			0.55%
	Next \$500 million	0.50%		

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Next \$5 billion	0.45%
Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Any excess over \$21.5 billion	0.38%

Putnam Tax-Free High Yield Fund	The lesser of 0.50%, or		7,815,394	0.50% of average net assets
	First \$500 million	0.60%		
	Next \$500 million	0.50%		
	Next \$500 million	0.45%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.375%		
	Next \$5 billion	0.355%		
	Next \$5 billion	0.34%		
	Any excess thereafter	0.33%		

Putnam Tax Smart Equity Fund®	First \$500 million	0.70%	1,914,939	0.70% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
Any excess thereafter	0.43%			

Putnam U.S. Government Income Trust	First \$500 million	0.57%	6,820,873	0.50% of average net assets
	Next \$500 million	0.475%		
	Next \$500 million	0.4275%		
	Any excess over \$1.5 billion	0.38%		

Putnam Utilities Growth and Income Fund	First \$500 million	0.70%	3,727,421	0.68% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
Any excess thereafter	0.43%			

Putnam Vista Fund	First \$500 million	0.65%	14,101,874	0.51% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		

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Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Any excess over \$21.5 billion	0.38%

Putnam Voyager Fund	First \$500 million	0.70%	51,035,233	0.51% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Next \$5 billion	0.43%		
	Next \$5 billion	0.42%		
	Next \$5 billion	0.41%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.39%		
	Next \$8.5 billion	0.38%		
	Above \$55 billion	0.37%		

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Fund	Management Fee Schedule	Annual Rate at which Fees were Paid	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)
Putnam VT American Government Income Fund	First \$500 million	0.65%	693,021
	Next \$500 million	0.55%	
	Next \$500 million	0.50%	
	Next \$5 billion	0.45%	
	Next \$5 billion	0.425%	
	Next \$5 billion	0.405%	
	Next \$5 billion	0.39%	
	Next \$5 billion	0.38%	
	Next \$5 billion	0.37%	
	Next \$5 billion	0.36%	
	Next \$5 billion	0.35%	
Any excess thereafter	0.34%		
Putnam VT Capital Appreciation Fund	First \$500 million	0.65%	225,344
	Next \$500 million	0.55%	
	Next \$500 million	0.50%	

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Next \$5 billion	0.45%
Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Next \$5 billion	0.38%
Next \$5 billion	0.37%
Next \$5 billion	0.36%
Next \$5 billion	0.35%
Next \$5 billion	0.34%
Next \$8.5 billion	0.33%
Any excess thereafter	0.32%

Putnam VT Capital Opportunities Fund	First \$500 million	0.65%	222,790	0.54% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam VT Discovery Growth Fund	First \$500 million	0.70%	105,127	0.27% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Next \$5 billion	0.43%		
	Next \$5 billion	0.42%		
	Next \$5 billion	0.41%		
	Next \$5 billion	0.40%		
	Next \$5 billion	0.39%		
	Next \$8.5 billion	0.38%		
	Any excess thereafter	0.37%		

Putnam VT Diversified Income Fund	First \$500 million	0.70%	2,933,530	0.61% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)		Annual Rate at which Fees were Paid
Putnam VT Equity Income Fund	First \$500 million	0.65%	1,326,897	0.64% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		
Putnam VT The George Putnam Fund of Boston	First \$500 million	0.65%	3,969,447	0.62% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		
Putnam VT Global Asset Allocation Fund	First \$500 million	0.70%	2,392,952	0.60% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
Putnam VT Global Equity Fund	First \$500 million	0.80%	4,692,325	0.78% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		

Putnam VT Growth and Income Fund	First \$500 million	0.65%	20,729,712	0.49% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam VT Growth Opportunities Fund	First \$500 million	0.70%	243,122	0.46% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Next \$5 billion	0.43%		
Any excess thereafter	0.42%			

Putnam VT Health Sciences Fund	First \$500 million	0.70%	2,204,609	0.70% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Next \$5 billion	0.43%		
Any excess thereafter	0.43%			

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Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)		Annual Rate at which Fees were Paid
Putnam VT High Yield Fund	First \$500 million	0.70%	3,720,493	0.62% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		

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Next \$5 billion	0.44%
Any excess thereafter	0.43%

Putnam VT Income Fund	First \$500 million	0.65%	3,498,163	0.45% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam VT International Equity Fund	First \$500 million	0.80%	8,271,996	0.74% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		

Putnam VT International Growth and Income Fund	First \$500 million	0.80%	2,838,706	0.70% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		

Putnam VT International New Opportunities Fund	First \$500 million	1.00%	2,485,049	0.91% of average net assets
	Next \$500 million	0.90%		
	Next \$500 million	0.85%		
	Next \$5 billion	0.80%		
	Next \$5 billion	0.775%		
	Next \$5 billion	0.755%		
	Next \$5 billion	0.74%		
	Any excess thereafter	0.73%		

Putnam VT Investors Fund	First \$500 million	0.65%	3,216,355	0.65% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		

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Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Any excess thereafter	0.38%

Putnam VT Mid Cap Value Fund	First \$500 million	0.70%	634,565	0.69% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		

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Fund	Management Fee Schedule		Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Annual Rate at which Fees were Paid
Putnam VT Money Market Fund	First \$500 million	0.45%	1,529,264	0.40% of average net assets
	Next \$500 million	0.35%		
	Next \$500 million	0.30%		
	Next \$5 billion	0.25%		
	Next \$5 billion	0.225%		
	Next \$5 billion	0.205%		
	Next \$5 billion	0.19%		
	Any excess thereafter	0.18%		
Putnam VT New Opportunities Fund	First \$500 million	0.70%	8,663,759	0.62% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		
Putnam VT New Value Fund	First \$500 million	0.70%	4,475,605	0.67% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		

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Next \$5 billion	0.50%
Next \$5 billion	0.475%
Next \$5 billion	0.455%
Next \$5 billion	0.44%
Any excess thereafter	0.43%

Putnam VT OTC & Emerging Growth Fund	First \$500 million	0.70%	575,537	0.67% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		

Putnam VT Research Fund	First \$500 million	0.65%	1,213,099	0.65% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
	Any excess thereafter	0.38%		

Putnam VT Small Cap Value Fund	First \$500 million	0.80%	6,827,461	0.75% of average net assets
	Next \$500 million	0.70%		
	Next \$500 million	0.65%		
	Next \$5 billion	0.60%		
	Next \$5 billion	0.575%		
	Next \$5 billion	0.555%		
	Next \$5 billion	0.54%		
	Any excess thereafter	0.53%		

Putnam VT Utilities Growth and Income Fund	First \$500 million	0.70%	2,437,187	0.67% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
	Any excess thereafter	0.43%		

Fund	Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year		Annual Rate at which Fees were Paid
		(after applicable waivers and reimbursements, if any) (%)	(after applicable waivers and reimbursements, if any) (\$)	
Putnam VT Vista Fund	First \$500 million	0.65%	3,006,605	0.65% of average net assets
	Next \$500 million	0.55%		
	Next \$500 million	0.50%		
	Next \$5 billion	0.45%		
	Next \$5 billion	0.425%		
	Next \$5 billion	0.405%		
	Next \$5 billion	0.39%		
Any excess thereafter	0.38%			
Putnam VT Voyager Fund	First \$500 million	0.70%	11,832,070	0.59% of average net assets
	Next \$500 million	0.60%		
	Next \$500 million	0.55%		
	Next \$5 billion	0.50%		
	Next \$5 billion	0.475%		
	Next \$5 billion	0.455%		
	Next \$5 billion	0.44%		
Any excess thereafter	0.43%			

* Putnam California Investment Grade Municipal Trust, Putnam High Yield Municipal Trust, Putnam Investment Grade Municipal Trust, Putnam Managed Municipal Income Trust, Putnam Municipal Bond Fund, Putnam Municipal Opportunities Trust, and Putnam New York Investment Grade Municipal Trust are closed-end funds that have issued preferred shares. Management fees for these funds are calculated based on the average net assets of the fund, which includes assets attributable to both common and preferred shares. However, the annual rate stated in this column is determined by attributing the entire amount of the management fee to the common shares, which may cause the stated annual rate in this column to exceed the management fee schedule.

** Amounts for fiscal year ended 02/28/06. Figures for the fund's most recent fiscal year are not yet available.

*** Due to expense limitations in effect during the fund's fiscal year ended 02/28/06, Putnam Income Strategies Fund did not pay a management fee to Putnam Management. Figures for the fund's most recent fiscal year are not yet available.

^ The management fee rate for Putnam Municipal Opportunities Trust represents fees paid only for investment advisory services. As described in this proxy statement, the fund paid Putnam Management separately for administrative services. For the most recent fiscal year, the fund paid an administrative services fee of \$662,851 to Putnam Management, totaling 0.32% of the average weekly net assets attributable to common shares. Under the proposed new management contract, the fund will pay a single fee of the lesser of 0.55% of average net assets or, for the first \$500 million, 0.65%; next \$500 million, 0.55%; next \$500 million, 0.50%; next \$5 billion, 0.45%; next \$5 billion, 0.425%; next \$5 billion, 0.405%; next \$5 billion, 0.39%; and 0.38% for any excess thereafter.

√ The management fee rate for Putnam Prime Money Market Fund represents fees paid only for investment advisory services. As described in this proxy statement, the fund paid Putnam Management separately for administrative services. For the most recent fiscal year, the fund paid \$1,549,992 in administrative services fees to Putnam Management, based on an annual rate of 0.05% of the average net assets of the fund. Under the proposed new management contract, the fund will pay a single fee of 0.25% of average net assets.

□ A revised management contract for Putnam Research Fund was approved by shareholders on December 14, 2006 to remove the incentive fee component from the management fee. Under the fund's previous management contract, the fund paid Putnam Management a quarterly fee consisting of an asset-based component and an incentive component. The asset-based fee was subject to a performance adjustment based on the investment performance of the fund compared to the Standard & Poor's 500 (S&P 500) composite Stock Price Index. Performance was calculated for these purposes at the beginning of each calendar quarter, for the thirty-six month period immediately preceding such quarter or the life of the fund, if shorter. The applicable asset-based fee was increased or decreased for each calendar quarter by an incentive payment or penalty at the annual rate of 0.01% of the fund's average net assets for each 1.00% increment by which the fund outperformed or underperformed the S&P 500 in excess of 3.00%, subject to a maximum increase or decrease of 0.07% of average net assets. The revised management contract provides for an eighteen-month transition period during which the fund's fee will be the lesser of (i) the asset-based fee and (ii) the performance-adjusted fee that would have been calculated under the previous contract. The fund is currently in this transition period, which will end on June 30, 2008, after which the asset-based management fee will apply without performance-based adjustments.

□ □ Due to expense limitations in effect during the most recent fiscal year, Putnam RetirementReady 2040 Fund, Putnam RetirementReady 2045 Fund, Putnam RetirementReady 2050 Fund and Putnam RetirementReady Maturity Fund did not pay management fees to Putnam Management.

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APPENDIX F

Current Sub-Management Contract and Sub-Advisory Contract

PUTNAM FUNDS

AMENDED AND RESTATED SUB-MANAGEMENT CONTRACT

Amended and Restated Sub-Management Contract dated as of December 30, 2006 between PUTNAM INVESTMENT MANAGEMENT, LLC, a Delaware limited liability company (the "Manager") and PUTNAM INVESTMENTS LIMITED, a company organized under the laws of England and Wales (the "Sub-Manager"), amending and restating in its entirety that certain Sub-Management Contract dated as of January 1, 2006, as amended (the "Prior Agreement"), between the Manager and the Sub-Manager.

WHEREAS, the Manager is the investment manager of each of the investment companies registered under the United States Investment Company Act of 1940, as amended, that are identified on Schedule A hereto, as it may from time to time be amended by the Manager (the "Funds"), and a registered investment adviser under the United States Investment Advisers Act of 1940, as amended;

WHEREAS, the Sub-Manager is licensed as an investment manager by the Financial Services Authority of the United Kingdom (the "FSA");

WHEREAS, the Manager and the Sub-Manager previously entered into, and now wish to amend and restate, the Prior Agreement; and

WHEREAS, the Manager continues to desire to engage the Sub-Manager from time to time to manage a portion of certain of the Funds:

NOW THEREFORE, in consideration of the mutual covenants herein contained, it is agreed as follows:

1. SERVICES TO BE RENDERED BY SUB-MANAGER

(a) The Sub-Manager, at its expense, will furnish continuously an investment program for that portion of any Fund the management of which is allocated from time to time by the Manager to the Sub-Manager (an "Allocated Sleeve"). The Manager shall, in its sole discretion, determine which Funds will have an Allocated Sleeve and the amount of assets allocated from time to time to each such Allocated Sleeve; provided that, with respect to any Fund, the Trustees of such Fund must have approved the use of the Sub-Manager prior to the creation of an

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Allocated Sleeve for such Fund. The Sub-Manager will determine what investments shall be purchased, held, sold or exchanged by any Allocated Sleeve and what portion, if any, of the assets of the Allocated Sleeve shall be held uninvested and shall, on behalf of the Fund, make changes in the Fund's investments held in such Allocated Sleeve.

(b) The Manager may also, at its discretion, request the Sub-Manager to provide assistance with purchasing and selling securities for any Fund, including the placement of orders with broker-dealers selected in accordance with Section 1(d), even if the Manager has not established an Allocated Sleeve for such Fund.

(c) The Sub-Manager at its expense will furnish all necessary investment and management facilities, including salaries of personnel, required for it to execute its duties faithfully.

(d) The Sub-Manager shall place all orders for the purchase and sale of portfolio investments for any Allocated Sleeve with brokers or dealers selected by the Sub-Manager. In the selection of such brokers or dealers and the placing of such orders, the Sub-Manager shall use its best efforts to obtain for the related Fund the most favorable price and execution available, except to the extent it may be permitted to pay higher brokerage commissions for brokerage and research services as described below. In using its best efforts to obtain for the Fund the most favorable price and execution available, the Sub-Manager, bearing in mind the Fund's best interests at all times, shall consider all factors it deems relevant, including by way of illustration, price, the size of the transaction, the nature of the market for the security, the amount of the commission, the timing of the transaction taking into account market prices and trends, the reputation, experience and financial stability of the broker or dealer involved and the quality of service rendered by the broker or dealer in other transactions. Subject to such policies as the Trustees of the Funds may determine, the Sub-Manager shall not be deemed to have acted unlawfully or to have breached any duty created by this Contract or otherwise solely by reason of its having caused a Fund to pay a broker or dealer that provides brokerage and research services to the Manager or the Sub-Manager an amount of commission for effecting a portfolio investment transaction in excess of the amount of commission another broker or dealer would have charged for effecting that

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transaction, if the Sub-Manager determines in good faith that such amount of commission was reasonable in relation to the value of the brokerage and research services provided by such broker or dealer, viewed in terms of either that particular transaction or its overall responsibilities with respect to the Fund and to other clients of the Manager or the Sub-Manager as to which the Manager or the Sub-Manager exercises investment discretion. The Sub-Manager agrees that in connection with purchases or sales of portfolio investments for any Fund, neither the Sub-Manager nor any officer, director, employee or agent of the Sub-Manager shall act as a principal or receive any commission other than as provided in Section 3.

(e) The Sub-Manager shall not be obligated to pay any expenses of or for the Manager or any Fund not expressly assumed by the Sub-Manager pursuant to this Section 1.

(f) In the performance of its duties, the Sub-Manager will comply with the provisions of the Agreement and Declaration of Trust and By-Laws of each applicable Fund and such Fund's stated investment objectives, policies and restrictions, and will use its best efforts to safeguard and promote the welfare of such Fund and to comply with other policies which the Manager or the Trustees may from time to time determine and shall exercise the same care and diligence expected of the Manager.

2. OTHER AGREEMENTS, ETC.

It is understood that any of the shareholders, Trustees, officers and employees of a Fund may be a shareholder, director, officer or employee of, or be otherwise interested in, the Sub-Manager, and in any person controlled by or under common control with the Sub-Manager, and that the Sub-Manager and any person controlled by or under common control with the Sub-Manager may have an interest in such Fund. It is also understood that the Sub-Manager and any person controlled by or under common control with the Sub-Manager have and may have advisory, management, service or other contracts with other organizations and persons, and may have other interests and business.

3. COMPENSATION.

Except as provided below, the Manager will pay to the Sub-Manager as compensation for the Sub-Manager's services rendered, a fee, computed and paid quarterly at the annual rate of 0.35% per annum of average aggregate net asset value of the assets in equity Allocated Sleeves and 0.40% per annum of average aggregate net asset value of the assets in fixed-income Allocated Sleeves. Such average net asset value shall be determined by taking an average of all of the determinations of such net asset value during a quarter at the close of business on each business day during such quarter while this Contract is in effect. Such fee shall be payable for each quarter within 30 days after the close of such quarter. The Sub-Manager shall look only to the Manager for payment of its fees. No Fund shall have any responsibility for paying any fees due the Sub-Manager.

With respect to each of Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust and Putnam Premier Income Trust, the Manager will pay to the Sub-Manager as compensation for the Sub-Manager's services rendered, a fee, computed and paid quarterly at the annual rate of 0.40% of Average Weekly Assets in Allocated Sleeves. "Average Weekly Assets" means the average of the weekly determinations of the difference between the total assets of the Fund (including any assets attributable to leverage for investment purposes) attributable to an Allocated Sleeve and the total liabilities of the Fund (excluding liabilities incurred in connection with leverage for investment purposes) attributable to such Allocated Sleeve, determined at the close of the last business day of each week, for each week which ends during the quarter. Such fee shall be payable for each quarter within 30 days after the close of such quarter. As used in this Section 3, "leverage for investment purposes" means any incurrence of indebtedness the proceeds of which are to be invested in accordance with the Fund's investment objective. For purposes of calculating Average Weekly Assets, liabilities associated with any instruments or transactions used to leverage the Fund's portfolio for investment purposes (whether or not such instruments or transactions are "covered" within the meaning of the Investment Company Act of 1940 and the rules and regulations thereunder, giving effect to any interpretations of the Securities and Exchange Commission and its staff) are not considered liabilities. For purposes of calculating Average Weekly Assets, the total assets of the Fund will be deemed to include (a) any proceeds from the sale or transfer of an asset (the "Underlying Asset") of the Fund to a counterparty in a reverse repurchase or dollar roll transaction and (b) the value of such Underlying Asset as of the relevant measuring date.

In the event that the Manager's management fee from any of Putnam High Income Securities Fund, Putnam Master Intermediate Income Trust or Putnam Premier Income Trust is reduced pursuant to the Amended and Restated Management Contract between such Fund and the Manager because during any Measurement Period (as defined below) the amount of interest payments and fees with respect to indebtedness or other obligation of the Fund incurred for investment leverage purposes, plus

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additional expenses attributable to any such leverage for investment purposes, exceeds the portion of the Fund's net income and net short-term capital gains (but not long-term capital gains) accruing during such Measurement Period as a result of the fact that such indebtedness or other obligation was outstanding during the Measurement Period, the fee payable to the Sub-Manager with respect to such Fund shall be reduced in the same proportion as the fee paid to the Manager with respect to such Fund is so reduced. "Measurement Period" shall be any period for which payments of interest or fees (whether designated as such or implied) are payable in connection with any indebtedness or other obligation of the Fund incurred for investment purposes.

If the Sub-Manager shall serve for less than the whole of a quarter, the foregoing compensation shall be prorated.

4. ASSIGNMENT TERMINATES THIS CONTRACT; AMENDMENTS OF THIS CONTRACT.

This Contract shall automatically terminate without the payment of any penalty, in the event of its assignment; and this Contract shall not be amended with respect to any Allocated Sleeve unless such amendment be approved at a meeting by the vote, cast in person at a meeting called for the purpose of voting on such approval, of a majority of the Trustees of the related Fund who are not interested persons of such Fund or of the Manager.

5. EFFECTIVE PERIOD AND TERMINATION OF THIS CONTRACT.

This Contract shall become effective upon its execution, and shall remain in full force and effect continuously thereafter (unless terminated automatically as set forth in Section 4) until terminated as follows:

(a) Either party hereto or, with respect to any Allocated Sleeve, the related Fund may at any time terminate this

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Contract by not more than sixty days nor less than thirty days written notice delivered or mailed by registered mail, postage prepaid, to the other party, or

(b) With respect to any Allocated Sleeve, if (i) the Trustees of the related Fund or the shareholders by the affirmative vote of a majority of the outstanding shares of such Fund, and (ii) a majority of the Trustees of such Fund who are not interested persons of such Fund or of the Manager, by vote cast in person at a meeting called for the purpose of voting on such approval, do not specifically approve at least annually the continuance of this Contract, then this Contract shall automatically terminate at the close of business on the anniversary of its execution, or upon the expiration of one year from the effective date of the last such continuance, whichever is later, or

(c) With respect to any Allocated Sleeve, automatically upon termination of the Manager's investment management contract with the related Fund.

Action by a Fund under (a) above may be taken either (i) by vote of a majority of its Trustees, or (ii) by the affirmative vote of a majority of the outstanding shares of such Fund.

Termination of this Contract pursuant to this Section 5 will be without the payment of any penalty.

6. CERTAIN DEFINITIONS.

For the purposes of this Contract, the "affirmative vote of a majority of the outstanding shares of a Fund" means the affirmative vote, at a duly called and held meeting of shareholders of such Fund, (a) of the holders of 67% or more of the shares of such Fund present (in person or by proxy) and entitled to vote at such meeting, if the holders of more than 50% of the outstanding shares of such Fund entitled to vote at such meeting are present in person or by proxy, or (b) of the holders of more than 50% of the outstanding shares of such Fund entitled to vote at such meeting, whichever is less.

For the purposes of this Contract, the terms "affiliated person," "control," "interested person" and "assignment" shall have their respective meanings defined in the United States Investment Company Act of 1940 and the Rules and Regulations thereunder (the "1940 Act"), subject, however, to such exemptions as may be granted by the Securities and Exchange Commission under said Act; the term "specifically approve at least annually" shall be construed in a manner consistent with the 1940 Act, and the Rules and Regulations thereunder; and the term "brokerage and research services" shall have the meaning given in the United States Securities Exchange Act of 1934 and the Rules and Regulations thereunder.

7. NON-LIABILITY OF SUB-MANAGER.

In the absence of willful misfeasance, bad faith or gross negligence on the part of the Sub-Manager, or reckless disregard of its obligations and duties hereunder, the Sub-Manager shall not be subject to any liability to the Manager, any Fund or to any shareholder of any Fund, for any act or omission in the course of, or connected with, rendering services hereunder.

8. ADDITIONAL PROVISIONS

(a) The Sub-Manager represents that it is regulated by the FSA in the conduct of its investment business. The Sub-Manager has in operation a written procedure in accordance with FSA rules for the effective consideration and proper handling of complaints from customers. Any

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complaint by the Manager or any Fund should be sent to the Compliance Officer of the Sub-Manager. The Manager and any Fund is also entitled to make any complaints about the Sub-Manager to the Financial Ombudsman Service established by the FSA. The Manager and any Fund may also request a statement describing its rights to compensation in the event of the Sub-Manager's inability to meet its liabilities.

(b) The Manager represents that it and each Fund are "Intermediate Customers" in the meaning of FSA rules. (c) Although each Fund is not a party hereto and shall have no responsibility for the Manager's or the Sub-Manager's

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obligations hereunder, each Fund is named as explicit third party beneficiary of the parties' agreements hereunder.

IN WITNESS WHEREOF, PUTNAM INVESTMENTS LIMITED and PUTNAM INVESTMENT MANAGEMENT, LLC have each caused this instrument to be signed in duplicate on its behalf by an officer duly authorized, all as of the day and year first above written.

PUTNAM INVESTMENTS LIMITED

By: /s/ Jeffrey F. Peters

Name: Jeffrey F. Peters

PUTNAM INVESTMENT
MANAGEMENT, LLC

By: /s/ James P. Pappas

Name: James P. Pappas

Schedule A

(Updated through December 30, 2006)

Putnam Diversified Income Trust

Putnam VT Diversified Income Fund

Putnam Europe Equity Fund

Putnam Global Equity Fund

Putnam VT Global Equity Fund

Putnam Global Income Trust

Putnam Global Natural Resources Fund

Putnam High Yield Advantage Fund

Putnam High Yield Trust

Putnam VT High Yield Fund

Putnam International Capital Opportunities Fund

Putnam International Equity Fund

Putnam VT International Equity Fund

Putnam International New Opportunities Fund

Putnam VT International New Opportunities Fund

Putnam International Growth and Income Fund

Putnam VT International Growth and Income Fund

Putnam Research Fund

Putnam VT Research Fund

Putnam Utilities Growth and Income Fund

Putnam VT Utilities Growth and Income Fund

Putnam High Income Securities Fund

Putnam Master Intermediate Income Trust

Putnam Premier Income Trust

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PUTNAM FUNDS

SUB-ADVISORY CONTRACT

Sub-Advisory Contract dated as of July 14, 2006 between and among PUTNAM INVESTMENT MANAGEMENT, LLC, a Delaware limited liability company (the "Manager"), PUTNAM INVESTMENTS LIMITED, a company organized under the laws of England and Wales ("PIL"), and THE PUTNAM ADVISORY COMPANY, LLC, a Delaware limited liability company (the "Sub-Advisor").

WHEREAS, the Manager is the investment manager of each of the investment companies registered under the United States Investment Company Act of 1940, as amended, that are identified on Schedule A hereto, as it may from time to time be amended by the Manager (the "Funds"), and a registered investment adviser under the United States Investment Advisers Act of 1940, as amended;

WHEREAS, PIL is a registered investment adviser under the United States Investment Advisers Act of 1940, as amended, is licensed as an investment manager by the Financial Services Authority of the United Kingdom (the "FSA") and is a sub-manager of each of the Funds pursuant to that certain Amended and Restated Sub-Management Contract dated as of January 1, 2006 (the "PIL Sub-Management Contract"), between the Manager and PIL;

WHEREAS, the Manager has contracted with PIL for the management of certain portions of each of the Funds (each, a "PIL-Advised Sleeve");

WHEREAS, the Sub-Advisor is a registered investment adviser under the United States Investment Advisers Act of 1940, as amended, and is an investment adviser registered with the Kanto Local Finance Bureau to provide non-discretionary investment advice in Japan;

WHEREAS, the Manager and PIL desire to engage the Sub-Advisor from time to time to provide non-discretionary investment advice with respect to a portion of certain of the Funds:

NOW THEREFORE, in consideration of the mutual covenants herein contained, it is agreed as follows:

1. SERVICES TO BE RENDERED BY SUB-ADVISOR (a) The Sub-Advisor, at its expense, will from time to time furnish to either PIL or the Manager recommendations to purchase, hold, sell or exchange investments, securities and assets (the Assets) in that portion of any Fund for which the Manager or PIL contracts for such services to be provided by the Sub-Advisor (an Allocated Sleeve). The Manager or PIL, as the case may be, shall determine whether to execute each recommendation of the Sub-Advisor provided hereunder. The Manager shall determine which Funds will have an Allocated Sleeve; provided that, with respect to any Fund, the Trustees of such Fund must have approved the use of the Sub-Advisor prior to the creation of an Allocated Sleeve for such Fund. The Manager, and in the case of a PIL-Advised Sleeve, PIL shall (at all times in the case of PIL subject to the oversight and supervision of the Manager), determine the amount of assets allocated from time to time to each such Allocated Sleeve.

(b) The Sub-Advisor at its expense will furnish all necessary investment and management facilities, including salaries of personnel, required for it to execute its duties faithfully.

(c) The Sub-Advisor shall not be obligated to pay any expenses of or for the Manager, PIL or any Fund not expressly assumed by the Sub-Advisor pursuant to this Section 1.

(d) The Manager may, and in the case of a PIL-Advised Sleeve, PIL may, each at its discretion, also request the Sub-Advisor to perform certain services set forth in Section 1(a) with respect to any portion of a Fund, even if the Manager or PIL, as the case may be, has not established an Allocated Sleeve with respect to that portion of the Fund.

(e) In the performance of its duties, the Sub-Advisor will comply with the provisions of the Agreement and Declaration of Trust and By-Laws of each applicable Fund and such Fund's stated investment objectives, policies and restrictions, and will use its best efforts to safeguard and promote the welfare of such Fund and to comply with other policies which the Manager, PIL or the Trustees may from time to time determine and shall exercise the same care and diligence expected of the Manager and PIL.

2. OTHER AGREEMENTS, ETC.

It is understood that any of the shareholders, Trustees, officers and employees of a Fund may be a shareholder, director, officer or employee of, or be otherwise interested in, the Sub-Advisor, and in any person controlled by or under common control with the Sub-Advisor, and that the Sub-Advisor and any person controlled by or under common control with the Sub-Advisor may have an interest in such Fund. It is also understood that the Sub-Advisor and any person controlled by or under common control with the Sub-Advisor have and may have advisory, management, service or other contracts with other organizations and persons, and may have other interests and business.

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3. COMPENSATION.

Except as provided below, the Manager or PIL, as the case may be, will pay to the Sub-Advisor as compensation for the Sub-Advisor's services rendered a fee, computed and paid quarterly at the annual rate of 0.10% per annum of average net asset value of the assets in each Allocated Sleeve. Such average net asset value shall be determined by taking an average of all of the determinations of such net asset value during a quarter at the close of business on each business day during such quarter while this Contract is in effect. Such fee shall be payable for each quarter within 30 days after the close of such quarter. The Sub-Advisor shall look only to the Manager or PIL, as the case may be, for payment of its fees. No Fund shall have any responsibility for paying any fees due the Sub-Advisor.

If the Sub-Advisor shall serve for less than the whole of a quarter, the foregoing compensation shall be prorated.

4. ASSIGNMENT TERMINATES THIS CONTRACT; AMENDMENTS OF THIS CONTRACT.

This Contract shall automatically terminate, without the payment of any penalty, in the event of its assignment; and this Contract shall not be amended with respect to any Allocated Sleeve unless such amendment be approved at a meeting by the vote, cast in person at a meeting called for the purpose of voting on such approval, of a

majority of the Trustees of the related Fund who are not interested persons of such Fund or of the Manager.

5. EFFECTIVE PERIOD AND TERMINATION OF THIS CONTRACT.

This Contract shall become effective upon its execution, and shall remain in full force and effect continuously thereafter (unless terminated automatically as set forth in Section 4) until terminated as follows:

(a) Any party hereto or, with respect to any Allocated Sleeve, the related Fund may at any time terminate this Contract by not more than sixty days nor less than thirty days written notice delivered or mailed by registered mail, postage prepaid, to the other parties, or

(b) With respect to any Allocated Sleeve, if (i) the Trustees of the related Fund or the shareholders by the affirmative vote of a majority of the outstanding shares of such Fund, and (ii) a majority of the Trustees of such Fund who are not interested persons of such Fund or of the Manager, by vote cast in person at a meeting called for the purpose of voting on such approval, do not specifically approve at least annually the continuance of this Contract, then this Contract shall automatically terminate at the close of business on the anniversary of its execution, or upon the expiration of one year from the effective date of the last such continuance, whichever is later, or

(c) With respect to any Allocated Sleeve, automatically upon termination of the Manager's investment management contract with the related Fund, or with respect to any Allocated Sleeve for which PIL has contracted with the Sub-Advisor to provide services under this Contract, automatically upon termination of the PIL Sub-Management Contract.

Action by a Fund under (a) above may be taken either (i) by vote of a majority of its Trustees, or (ii) by the affirmative vote of a majority of the outstanding shares of such Fund.

Termination of this Contract pursuant to this Section 5 will be without the payment of any penalty.

6. CERTAIN DEFINITIONS.

For the purposes of this Contract, the "affirmative vote of a majority of the outstanding shares of a Fund" means the affirmative vote, at a duly called and held meeting of shareholders of such Fund, (a) of the holders of 67% or more of the shares of such Fund present (in person or by proxy) and entitled to vote at such meeting, if the holders of more than 50% of the outstanding shares of such Fund entitled to vote at such meeting are present in person or by proxy, or (b) of the holders of more than 50% of the outstanding shares of such Fund entitled to vote at such meeting, whichever is less.

For the purposes of this Contract, the terms "affiliated person," "control," "interested person" and "assignment" shall have their respective meanings defined in the United States Investment Company Act of 1940 and the Rules and Regulations thereunder (the "1940 Act"), subject, however, to such exemptions as may be granted by the Securities and Exchange Commission under said Act; and the term "specifically approve at least annually" shall be construed in a manner consistent with the 1940 Act, and the Rules and Regulations thereunder.

7. NON-LIABILITY OF SUB-ADVISOR.

In the absence of willful misfeasance, bad faith or gross negligence on the part of the Sub-Advisor, or reckless disregard of its obligations and duties hereunder, the Sub-Advisor shall not be subject to any liability to the Manager, PIL, any Fund or to any shareholder of any Fund, for any act or omission in the course of, or connected with, rendering services hereunder.

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8. ADDITIONAL PROVISIONS

(a) PIL represents that it is regulated by the FSA in the conduct of its investment business. PIL has in operation a written procedure in accordance with FSA rules for the effective consideration and proper handling of complaints from customers. Any complaint by the Manager or any Fund should be sent to the Compliance Officer of PIL. The

Manager and any Fund is also entitled to make any complaints about PIL to the Financial Ombudsman Service established by the FSA. The Manager and any Fund may also request a statement describing its rights to compensation in the event of PIL's inability to meet its liabilities.

(b) The Manager represents that it and each Fund are "Intermediate Customers" in the meaning of FSA rules.

(c) Although each Fund is not a party hereto and shall have no responsibility for the Manager's, PIL's or the Sub-Advisor's obligations hereunder, each Fund is named as explicit third party beneficiary of the parties' agreements hereunder.

In witness whereof, PUTNAM INVESTMENT MANAGEMENT, LLC, PUTNAM INVESTMENTS LIMITED and THE PUTNAM ADVISORY COMPANY, LLC have each caused this instrument to be signed on its behalf by an officer duly authorized, all as of the day and year first above written.

PUTNAM INVESTMENT
MANAGEMENT, LLC

By: /s/ James P. Pappas

Name: James P. Pappas

PUTNAM INVESTMENTS LIMITED

By: /s/ Simon L. Davis

Name: Simon L. Davis

THE PUTNAM ADVISORY
COMPANY, LLC

By: /s/ Robert R. Leveille

Name: Robert R. Leveille

Schedule A

Putnam International Equity Fund

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APPENDIX G

Description of Contract Approval Process

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 the funds' management contracts with Putnam Management, and with respect to certain funds, the administrative services contracts with Putnam Management or the sub-management contracts between Putnam Management's affiliate, Putnam Investments Limited ("PIL"),

and Putnam Management. In this regard, the Board of Trustees, with the assistance of its Contract Committee consisting solely of Trustees who are not "interested persons" (as such term is defined in the Investment Company Act of 1940, as amended) of the Putnam funds (the "Independent Trustees"), requests and evaluates all information it deems reasonably necessary under the circumstances. Over the course of several months ending in June 2006, the Contract Committee met four times to consider the information provided by Putnam Management and other information developed with the assistance of the Board's independent counsel and independent staff. The Contract Committee reviewed and discussed key aspects of this information with all of the Independent Trustees. Upon completion of this review, the Contract Committee recommended, and the Independent Trustees approved, the continuance of the funds' management contracts and with respect to certain funds, the administrative services contracts or the sub-management contracts effective July 1, 2006. (With respect to certain funds that may be sub-managed from time to time by PIL, because PIL is an affiliate of Putnam Management and Putnam Management remains fully responsible for all services provided by PIL, the Trustees have not evaluated PIL as a separate entity, and all subsequent references to Putnam Management below include reference to PIL as necessary or appropriate in the context.)

This approval was based on the following conclusions:

- * That the fee schedules in effect for the funds (which, for those funds with administrative services contracts, included fees paid under such contracts) represented reasonable compensation in light of the nature and quality of the services being provided to the funds, the fees paid by competitive funds and the costs incurred by Putnam Management in providing such services, and
- * That such fee schedules represented an appropriate sharing between the funds' shareholders and Putnam Management of such economies of scale as may exist in the management of the funds 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 fee arrangements for the funds are the result of many years of review and discussion between the Independent Trustees and Putnam Management, that certain 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 these same arrangements in prior years.

Management fee schedules and categories; total expenses

The Trustees reviewed the management (and administrative services, if applicable) fee schedules in effect for all Putnam funds, including fee levels and breakpoints, and the assignment of funds to particular fee categories. In reviewing fees and expenses, the Trustees generally focused their attention on material changes in circumstances for example, changes in a fund's size or investment style, changes in Putnam Management's operating costs, 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 warrant changes to the management (and administrative services, if applicable) fee structures of the funds, which had been carefully developed over the years, re-examined on many occasions and adjusted where appropriate. The Trustees focused on two areas of particular interest, as discussed further below:

- * **Competitiveness.** The Trustees reviewed comparative fee and expense information for competitive funds, which indicated that, in a custom peer group of competitive funds selected by Lipper Inc., each Putnam fund ranked in particular percentiles in management fees and in total expenses (less any applicable 12b-1 fees for open-end funds, and excluding charges and expenses at the insurance company separate account level for the funds of Putnam Variable Trust) as of December 31, 2005 (the first percentile being the least expensive funds and the 100th percentile being the most expensive funds). (The comparative fee and expense information for each

Putnam RetirementReady Fund excluded the fees and expenses of the underlying Putnam funds in which a Putnam RetirementReady Fund invested, as well as the fees and expenses of the underlying funds in which other funds in the Lipper peer group invested.) With respect to the open-end funds, the Trustees noted that expense

ratios for a number of Putnam funds, which show the percentage of fund assets used to pay for management and administrative services, distribution (12b-1) fees and other expenses, had been increasing recently as a result of declining net assets and the natural operation of fee breakpoints. With respect to all funds, the Trustees expressed their intention to monitor the funds' percentile rankings in management fees and in total expenses to ensure that fees and expenses of the funds continue to meet evolving competitive standards.

With respect to the open-end funds, the Trustees noted that the expense ratio increases described above were currently being controlled by expense limitations implemented in January 2004 and which Putnam Management, in consultation with the Contract Committee, has committed to maintain at least through 2007. These expense limitations give effect to a commitment by Putnam Management that the expense ratio of each fund would be no higher than the average expense ratio of the competitive funds included in the fund's relevant Lipper universe (exclusive of any applicable 12b-1 charges in each case). The Trustees observed that this commitment to limit fund expenses has served shareholders well since its inception. In order to ensure that the expenses of the Putnam funds continue to meet evolving competitive standards, the Trustees requested, and Putnam Management agreed, to implement an additional expense limitation for certain open-end funds for the twelve months beginning January 1, 2007 equal to the average expense ratio (exclusive of 12b-1 charges) of a custom peer group of competitive funds selected by Lipper based on the size of the fund. This additional expense limitation will be applied to those open-end funds that had above-average expense ratios (exclusive of 12b-1 charges) based on the Lipper custom peer group data for the period ended December 31, 2005.

*** Economies of scale.** Most funds currently have the benefit of breakpoints in their management fees that provide shareholders with significant economies of scale, which means that the effective management fee rate of a fund (as a percentage of fund assets) declines as a fund grows in size and crosses specified asset thresholds. Conversely, as a fund shrinks in size — as has been the case for many Putnam open-end funds in recent years — these breakpoints result in increasing fee levels.

In recent years, the Trustees have examined the operation of the existing breakpoint structure during periods of both growth and decline in asset levels. The Trustees concluded that the fee schedules in effect for the funds represented an appropriate sharing of economies of scale at current asset levels. In reaching this conclusion, the Trustees considered the Contract Committee's stated intent to continue to work with Putnam Management to plan for an eventual resumption in the growth of assets, including a study of potential economies that might be produced under various growth assumptions.

In connection with their review of the management fees and total expenses of the Putnam funds, the Trustees also reviewed the costs of the services to be provided and profits to be realized by Putnam Management and its affiliates from the relationship with the funds. This information included trends in revenues, expenses and profitability of Putnam Management and its affiliates relating to the investment management and distribution services provided to the funds. In this regard, the Trustees also reviewed an analysis of Putnam Management's revenues, expenses and profitability with respect to the funds' management contracts, allocated on a fund-by-fund basis. Because many of the costs incurred by Putnam Management in managing the funds are not readily identifiable to particular funds, the Trustees observed that the methodology for allocating costs is an important factor in evaluating Putnam Management's costs and profitability, both as to the Putnam funds in the aggregate and as to individual funds. The Trustees reviewed Putnam Management's cost allocation methodology with the assistance of independent consultants and concluded that this methodology was reasonable and well-considered.

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 the funds' management contracts. The Trustees were assisted in their review of the Putnam funds' investment process and performance by the work of the Investment Process Committee of the Trustees and the Investment Oversight Committees of the Trustees, which meet on a regular monthly basis with the funds' portfolio teams throughout the year. The Trustees concluded that Putnam Management generally provides a high-quality investment process — as measured by the experience and skills of the individuals assigned to the management of fund portfolios, the resources made available to such personnel, and in general the ability of Putnam Management to attract and retain high-quality personnel — but also recognize that this does not guarantee favorable investment results for every fund in every time period. The Trustees considered the investment performance of each fund over multiple time periods and considered information

comparing each fund's performance with various benchmarks and with the performance of competitive funds.

The Trustees noted the satisfactory investment performance of many Putnam funds. They also noted the disappointing investment performance of certain funds in recent years and discussed with senior management of Putnam Management the factors contributing to this underperformance and actions being taken to improve performance. The Trustees recognized that, in recent years, Putnam Management has made significant changes in its investment personnel and processes and in the fund product line to address areas of underperformance. In particular, they noted the important contributions of Putnam Management's leadership in attracting, retaining and supporting high-quality investment professionals and in systematically implementing an investment process that seeks to merge the best features of fundamental and quantitative analysis. The Trustees indicated their intention to continue to monitor performance trends to assess the effectiveness of these changes and to evaluate whether additional changes to address areas of underperformance are warranted.

In the case of each open-end fund, the Trustees considered that each fund's class A (class I, in the case of Putnam Prime Money Market Fund, and class IA in the case of Putnam Variable Trust) share cumulative total return performance at net asset value was in particular percentiles of its Lipper Inc. peer group for the one-, three- and five-year periods ended March 31, 2006 (the first percentile being the best performing funds and the 100th percentile being the worst performing funds). In the case of each closed-end fund, the Trustees considered the same Lipper peer group information for the fund's common share cumulative total return performance at net asset value. In the case of tax-exempt open-end and closed-end funds, the funds' total return performance was compared against the Lipper peer group performance information using tax-adjusted performance to recognize the different federal income tax treatment for capital gains distributions and exempt-interest distributions.

As a general matter, the Trustees concluded that cooperative efforts between the Trustees and Putnam Management represent the most effective way to address investment performance problems. 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 the responsiveness of Putnam Management in the recent past to Trustee concerns about investment performance, the Trustees concluded that it is preferable to seek change within Putnam Management to address performance shortcomings. In the Trustees' view, the alternative of terminating a management contract and engaging a new investment adviser for an underperforming fund would entail significant disruptions and would not provide any greater assurance of improved investment performance.

Brokerage and soft-dollar allocations; other benefits

The Trustees considered various potential benefits that Putnam Management may receive in connection with the services it provides under the management contracts with the funds. These include benefits related to brokerage and soft-dollar allocations, whereby a portion of the commissions paid by a fund for brokerage may be used to acquire research services that may be useful to Putnam Management in managing the assets of the fund and of other clients. The Trustees indicated their continued intent to monitor the potential benefits associated with the allocation of fund brokerage to ensure that the principle of seeking "best price and execution" remains paramount in the portfolio trading process.

The Trustees' annual review of the funds' management contracts also included the review of the custodian and investor servicing agreements with Putnam Fiduciary Trust Company, which agreements provide benefits to an affiliate of Putnam Management. In the case of the open-end funds, the Trustees' annual review of the funds' management contracts also included the review of the funds' distributor's contracts and distribution plans with Putnam Retail Management Limited Partnership, which contracts and plans also provide benefits to an affiliate of Putnam Management.

Comparison of retail and institutional fee schedules

The information examined by the Trustees as part of their annual contract review has included for many years information regarding fees charged by Putnam Management and its affiliates to institutional clients such as defined benefit pension plans, college endowments, etc. This information included comparison of such fees with fees charged to the funds, as well as a detailed assessment of the differences in the services provided to these two types of clients. The Trustees observed, in this regard, that the differences in fee rates between institutional clients and the 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 reflect to a substantial degree historical competitive forces operating in separate market places. The Trustees considered the fact that fee rates across all asset sectors are higher on average for funds than for institutional clients, as well as the differences between the services that Putnam Management provides to the Putnam funds and those that it provides to institutional clients of the firm, but did not rely on these comparisons to any significant extent in concluding that the management fees paid by the funds are reasonable.

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Approval of the Sub-Advisory Contract among Putnam Management, Putnam Investments Limited and The Putnam Advisory Company, LLC for Putnam International Equity Fund

In July 2006, the Trustees approved a sub-advisory contract among Putnam Management, PIL and The Putnam Advisory Company, LLC (PAC) for Putnam International Equity Fund. The Contract Committee reviewed information provided by Putnam Management and, upon completion of this review, recommended, and the Independent Trustees approved, Putnam International Equity Fund's sub-advisory contract with PAC, effective July 14, 2006.

The Trustees considered numerous factors they believe relevant in approving Putnam International Equity Fund's sub-advisory contract with PAC, including Putnam Management's belief that the interest of shareholders would be best served by using Putnam's Tokyo investment professionals who are employed by PAC to provide investment recommendations for certain equity sleeves of Putnam International Equity Fund that are currently managed by Putnam Management or PIL, and PAC's expertise with respect to Asian markets. The Trustees also considered that Japanese securities laws require a sub-advisory relationship among Putnam Management, PIL and PAC in order for Putnam's Tokyo investment professionals to provide investment recommendations for Putnam International Equity Fund. The Trustees noted that Putnam Management or PIL, and not Putnam International Equity Fund, would pay the sub-management fee to PAC for its services and that the sub-management contract with PAC will not reduce the nature, quality or overall level of service provided to Putnam International Equity Fund.

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APPENDIX H

Other Similar Funds Advised by Putnam Management

The following table contains certain information regarding funds for which Putnam Management provides investment advisory services and that may have similar investment objectives and policies to your fund.

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	C Inve Ob
Putnam American Government	707,703,667	First \$500 million Next \$500 million	0.65% 0.55%	4,373,306 Yes	High curr with pres

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Income Fund		Next \$500 million	0.50%			capital as
		Next \$5 billion	0.45%			secondar
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam AMT-Free Insured Municipal Fund	327,849,054	The lesser of 0.50%, or		1,790,563	Yes	High curr
		First \$500 million	0.60%			exempt f
		Next \$500 million	0.50%			income t
		Next \$500 million	0.45%			
		Next \$5 billion	0.40%			
		Next \$5 billion	0.375%			
		Next \$5 billion	0.355%			
		Next \$5 billion	0.34%			
		Any excess thereafter	0.33%			
Putnam Arizona Tax Exempt Income Fund	89,150,402	The lesser of 0.50%, or		396,902	Yes	To provid
		First \$500 million	0.60%			level of c
		Next \$500 million	0.50%			income e
		Next \$500 million	0.45%			from fede
		Next \$5 billion	0.40%			tax and p
		Next \$5 billion	0.375%			income t
		Next \$5 billion	0.355%			of the sta
		Next \$5 billion	0.34%			Arizona a
		Any excess over \$21.5 billion	0.33%			Managem
						believes
						with pres
						of capital
Putnam Asset Allocation: Balanced Portfolio	2,109,899,934	First \$500 million	0.70%	10,841,716	Yes	Total retu
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess over \$21.5 billion	0.43%			
Putnam Asset Allocation: Conservative Portfolio	985,940,217	First \$500 million	0.70%	5,759,923	Yes	Total retu
		Next \$500 million	0.60%			consisten
		Next \$500 million	0.55%			preservat
		Next \$5 billion	0.50%			of capital
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess over \$21.5 billion	0.43%			

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule		Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Cu Inve Obj
Putnam Asset Allocation: Growth Portfolio	2,156,488,751	First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess over \$21.5 billion	0.70% 0.60% 0.55% 0.50% 0.475% 0.455% 0.44% 0.43%	9,639,295	Yes	Capital ap
Putnam California Investment Grade Municipal Trust	83,373,293	The lesser of 0.55%, or First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess thereafter	0.65% 0.55% 0.50% 0.45% 0.425% 0.405% 0.39% 0.38%	531,472	Yes	To provide level of cu income fre federal inc and Califor personal in taxes as P Managem is consiste the preser of capital.
Putnam California Tax Exempt Income Fund	2,076,820,792	The lesser of 0.50%, or First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess thereafter	0.60% 0.50% 0.45% 0.40% 0.375% 0.355% 0.34% 0.33%	10,368,635	Yes	To provide level of cu income ex from feder tax and Ca personal in tax as Put Managem to be cons with the preservati of capital.

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Putnam Capital Appreciation Fund	649,313,138	First \$500 million	0.65%	4,388,833	Yes	Capital ap
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess over \$21.5 billion	0.38%					
Putnam Capital Opportunities Fund	1,125,906,050	First \$500 million	0.65%	6,363,713	Yes	Long-term of capital.
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					
Putnam Classic Equity Fund	766,747,810	First \$500 million	0.65%	4,836,159	Yes	Capital gro Current in secondary
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Cur Invest Obj	
Putnam Convertible Income-Growth Trust	724,297,978	First \$500 million	0.65%	4,231,616	Yes	Current inc capital app Conservati capital is a secondary
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			

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		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam Discovery Growth Fund	850,247,984	First \$500 million	0.70%	5,497,942	Yes	Long-term of capital
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			
Putnam Diversified Income Trust	2,770,991,703	First \$500 million	0.70%	17,403,729	Yes	To provide level of current income as Management is consistent preservation of capital.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			
Putnam Equity Income Fund	3,842,617,273	First \$500 million	0.65%	18,067,258	Yes	Capital growth current income
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam Europe Equity Fund	560,853,928	First \$500 million	0.80%	4,213,337	Yes	Capital appreciation
		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
		Any excess thereafter	0.53%			
Putnam Floating Rate Income Fund	494,289,793	First \$500 million	0.65%	1,719,001 [^]	Yes	High current income Preservation of capital is a secondary objective
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Next \$5 billion	0.38%			

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Next \$5 billion	0.37%
Next \$5 billion	0.36%
Next \$5 billion	0.35%
Next \$5 billion	0.34%
Next \$8.5 billion	0.33%
Any excess thereafter	0.32%

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?		
The Putnam Fund for Growth and Income	15,172,174,430	First \$500 million	0.65%	67,376,969	Yes	Capita curre
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Next \$5 billion	0.38%			
		Next \$5 billion	0.37%			
		Next \$5 billion	0.36%			
		Next \$5 billion	0.35%			
		Next \$5 billion	0.34%			
		Next \$8.5 billion	0.33%			
Any excess over \$55 billion	0.32%					
The George Putnam Fund of Boston	4,654,483,340	First \$500 million	0.65%	23,520,227	Yes	To pro balan comp well-c portfo and b produ growt curre
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					
Putnam Global	2,116,008,457	First \$500 million	0.80%	15,165,340	Yes	Capita

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Equity Fund		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
		Next \$5 billion	0.53%			
		Next \$5 billion	0.52%			
		Next \$5 billion	0.51%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.49%			
		Next \$8.5 billion	0.48%			
		Any excess over \$55 billion	0.47%			
Putnam Global Income Trust	128,502,186	First \$500 million	0.70%	528,321	Yes	High
		Next \$500 million	0.60%			by inv
		Next \$500 million	0.55%			princi
		Next \$5 billion	0.50%			secur
		Next \$5 billion	0.475%			sovere
		Next \$5 billion	0.455%			privat
		Next \$5 billion	0.44%			world
		Any excess thereafter	0.43%			supra
Putnam Global Natural Resources Fund	627,944,661	First \$500 million	0.70%	4,126,921	Yes	Capita
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule		Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?
Putnam Growth	659,146,436	First \$500 million	0.70%	2,913,736	Yes

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Opportunities Fund		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			
<hr/>						
Putnam Health Sciences Trust	2,267,488,061	First \$500 million	0.70%	14,802,805	Yes	C
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess over \$21.5 billion	0.43%			
<hr/>						
Putnam High Income Securities Fund	198,149,622	First \$500 million	0.70%	1,372,004	Yes	T
		Next \$500 million	0.60%			c
		Next \$500 million	0.55%			p
		Next \$5 billion	0.50%			a
		Next \$5 billion	0.475%			a
		Next \$5 billion	0.455%			s
		Next \$5 billion	0.44%			
		Next \$5 billion	0.43%			
		Next \$5 billion	0.42%			
		Next \$5 billion	0.41%			
		Next \$5 billion	0.40%			
		Next \$5 billion	0.39%			
		Next \$8.5 billion	0.38%			
		Any excess thereafter	0.37%			
<hr/>						
Putnam High Yield Advantage Fund	801,711,721	First \$500 million	0.70%	5,676,755	Yes	H
		Next \$500 million	0.60%			ir
		Next \$500 million	0.55%			g
		Next \$5 billion	0.50%			s
		Next \$5 billion	0.475%			w
		Next \$5 billion	0.455%			w
		Next \$5 billion	0.44%			c
		Any excess thereafter	0.43%			
<hr/>						
Putnam High Yield Municipal Trust	213,917,148	The lesser of 0.55%, or		1,448,462	Yes	T
		First \$500 million	0.65%			c
		Next \$500 million	0.55%			e
		Next \$500 million	0.50%			ir
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			

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		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam High Yield Trust	2,357,157,321	First \$500 million	0.70%	13,784,128	Yes	H
		Next \$500 million	0.60%			in
		Next \$500 million	0.55%			g
		Next \$5 billion	0.50%			s
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			

H-5

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule		Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	
Putnam Income Fund	2,447,632,260	First \$500 million	0.65%	11,940,410	Yes	Hig
		Next \$500 million	0.55%			con
		Next \$500 million	0.50%			wha
		Next \$5 billion	0.45%			mar
		Next \$5 billion	0.425%			beli
		Next \$5 billion	0.405%			pru
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam Income Strategies Fund	13,002,265	First \$500 million	0.65%	0*	Yes	Curr
		Next \$500 million	0.55%			con
		Next \$500 million	0.50%			wha
		Next \$5 billion	0.45%			Mar
		Next \$5 billion	0.425%			to b
		Next \$5 billion	0.405%			Its s
		Next \$5 billion	0.39%			obje
		Next \$5 billion	0.38%			cap
		Next \$5 billion	0.37%			
		Next \$5 billion	0.36%			
		Next \$5 billion	0.35%			
		Next \$5 billion	0.34%			

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		Next \$8.5 billion	0.33%			
		Any excess thereafter	0.32%			
Putnam International Capital Opportunities Fund	1,783,630,400	First \$500 million	1.00%	13,345,775	Yes	Lon cap
		Next \$500 million	0.90%			
		Next \$500 million	0.85%			
		Next \$5 billion	0.80%			
		Next \$5 billion	0.775%			
		Next \$5 billion	0.755%			
		Next \$5 billion	0.74%			
		Any excess thereafter	0.73%			
Putnam International Equity Fund	7,003,286,336	First \$500 million	0.80%	39,425,440	Yes	Cap
		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
		Any excess over \$21.5 billion	0.53%			
Putnam International Growth and Income Fund	1,037,228,946	First \$500 million	0.80%	5,732,946	Yes	Cap
		Next \$500 million	0.70%			Cur
		Next \$500 million	0.65%			sec
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
		Any excess thereafter	0.53%			
Putnam International New Opportunities Fund	811,831,094	First \$500 million	1.00%	6,580,631	Yes	Lon cap
		Next \$500 million	0.90%			
		Next \$500 million	0.85%			
		Next \$5 billion	0.80%			
		Next \$5 billion	0.775%			
		Next \$5 billion	0.755%			
		Next \$5 billion	0.74%			
		Any excess thereafter	0.73%			

H-6

Amount of Management Fee Paid in the Most Recent	Has compensation been waived, reduced or otherwise
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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	agreed to be reduced under any applicable contract?
Putnam Investment Grade Municipal Trust	363,338,832	The lesser of 0.55%, or First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess thereafter	2,059,634	Yes
Putnam Investors Fund	4,107,665,166	First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess over \$21.5 billion	19,513,803	Yes
Putnam Limited Duration Government Income Fund	439,936,540	The lesser of 0.50%, or First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess over \$21.5 billion	2,392,584	Yes
Putnam Managed Municipal Income Trust	548,638,387	The lesser of 0.55%, or First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess thereafter	3,167,820	Yes
Putnam Massachusetts Tax Exempt Income	309,261,461	The lesser of 0.50%, or First \$500 million Next \$500 million	1,675,201	Yes

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Fund	Next \$500 million	0.45%
	Next \$5 billion	0.40%
	Next \$5 billion	0.375%
	Next \$5 billion	0.355%
	Next \$5 billion	0.34%
	Any excess over \$21.5 billion	0.33%

H-7

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?
Putnam Master Intermediate Income Trust	654,273,418	First \$500 million	4,797,486	Yes
		Next \$500 million		
		Next \$500 million		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$8.5 billion		
		Any excess thereafter		
Putnam Michigan Tax Exempt Income Fund	117,691,883	The lesser of 0.50%, or	648,238	Yes
		First \$500 million		
		Next \$500 million		
		Next \$500 million		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		
		Next \$5 billion		

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Any excess over \$21.5 billion 0.33%

Putnam Mid Cap Value Fund	973,670,094	First \$500 million	0.70%	5,871,795	Yes
		Next \$500 million	0.60%		
		Next \$500 million	0.55%		
		Next \$5 billion	0.50%		
		Next \$5 billion	0.475%		
		Next \$5 billion	0.455%		
		Next \$5 billion	0.44%		
		Any excess thereafter	0.43%		

Putnam Minnesota Tax Exempt Income Fund	108,716,812	The lesser of 0.50%, or		538,350	Yes
		First \$500 million	0.60%		
		Next \$500 million	0.50%		
		Next \$500 million	0.45%		
		Next \$5 billion	0.40%		
		Next \$5 billion	0.375%		
		Next \$5 billion	0.355%		
		Next \$5 billion	0.34%		
		Any excess over \$21.5 billion	0.33%		

Putnam Money Market Fund	3,278,464,902	First \$100 million	0.50%	10,390,443	Yes
		Next \$100 million	0.40%		
		Next \$300 million	0.35%		
		Next \$500 million	0.325%		
		Next \$500 million	0.30%		
		Next \$2.5 billion	0.275%		
		Next \$2.5 billion	0.25%		
		Next \$5 billion	0.225%		
		Next \$5 billion	0.205%		
		Next \$5 billion	0.19%		
		Any excess thereafter	0.18%		

H-8

Net Assets	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable	Has compensation been waived, reduced or otherwise agreed to be reduced
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Fund	as of December 31, 2006 (\$)	Current Management Fee Schedule	waivers and reimbursements, if any) (\$)	under any applicable contract?			
Putnam Municipal Bond Fund	363,454,277	The lesser of 0.55%, or	2,290,901	Yes	T		
		First \$500 million				0.65%	le
		Next \$500 million				0.55%	in
		Next \$500 million				0.50%	fr
		Next \$5 billion				0.45%	ta
		Next \$5 billion				0.425%	M
		Next \$5 billion				0.405%	b
		Any excess thereafter				0.38%	w o
Putnam Municipal Opportunities Trust**	322,775,012	The lesser of 0.35%, or	1,394,604	Yes	T		
		First \$500 million				0.45%	pr
		Next \$500 million				0.35%	le
		Next \$500 million				0.30%	in
		Next \$5 billion				0.25%	fe
		Next \$5 billion				0.225%	as
		Next \$5 billion				0.205%	M
		Any excess thereafter				0.18%	is th o
Putnam New Jersey Tax Exempt Income Fund	204,244,200	The lesser of 0.50%, or	1,101,027	Yes	A		
		First \$500 million				0.60%	cu
		Next \$500 million				0.50%	ex
		Next \$500 million				0.45%	in
		Next \$5 billion				0.40%	pe
		Next \$5 billion				0.375%	(i
		Next \$5 billion				0.355%	o
		Any excess over \$21.5 billion				0.33%	Pe b c p o
Putnam New Opportunities Fund	4,697,260,397	First \$500 million	0.70%	30,814,799	Yes	L c	
		Next \$500 million	0.60%				
		Next \$500 million	0.55%				
		Next \$5 billion	0.50%				
		Next \$5 billion	0.475%				
		Next \$5 billion	0.455%				
		Next \$5 billion	0.44%				
		Next \$5 billion	0.43%				
		Next \$5 billion	0.42%				
Next \$5 billion	0.41%						

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Next \$5 billion	0.40%
Next \$5 billion	0.39%
Next \$8.5 billion	0.38%
Any excess above \$55 billion	0.37%

Putnam New Value Fund	2,074,162,525	First \$500 million	0.70%	11,478,217	Yes	L ca
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			

H-9

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	
Putnam New York Investment Grade Municipal Trust	48,297,644	The lesser of 0.55%, or	302,665	Yes	
		First \$500 million			0.65%
		Next \$500 million			0.55%
		Next \$500 million			0.50%
		Next \$5 billion			0.45%
		Next \$5 billion			0.425%
		Next \$5 billion			0.405%
		Next \$5 billion			0.39%
Any excess thereafter	0.38%				
Putnam New York Tax Exempt Income Fund	1,158,329,137	The lesser of 0.50%, or	5,972,705	Yes	
		First \$500 million			0.60%
		Next \$500 million			0.50%
		Next \$500 million			0.45%
		Next \$5 billion			0.40%
		Next \$5 billion			0.375%
Next \$5 billion	0.355%				

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Next \$5 billion	0.34%
Any excess over \$21.5 billion	0.33%

Putnam Ohio Tax Exempt Income Fund	162,665,349	The lesser of 0.50%, or		849,434	Yes
		First \$500 million	0.60%		
		Next \$500 million	0.50%		
		Next \$500 million	0.45%		
		Next \$5 billion	0.40%		
		Next \$5 billion	0.375%		
		Next \$5 billion	0.355%		
		Next \$5 billion	0.34%		
		Any excess over \$21.5 billion	0.33%		

Putnam OTC & Emerging Growth Fund	707,529,454	First \$500 million	0.70%	6,255,747	Yes
		Next \$500 million	0.60%		
		Next \$500 million	0.55%		
		Next \$5 billion	0.50%		
		Next \$5 billion	0.475%		
		Next \$5 billion	0.455%		
		Next \$5 billion	0.44%		
		Any excess thereafter	0.43%		

Putnam Pennsylvania Tax Exempt Income Fund	170,561,420	The lesser of 0.50%, or		926,507	Yes
		First \$500 million	0.60%		
		Next \$500 million	0.50%		
		Next \$500 million	0.45%		
		Next \$5 billion	0.40%		
		Next \$5 billion	0.375%		
		Next \$5 billion	0.355%		
		Next \$5 billion	0.34%		
		Any excess over \$21.5 billion	0.33%		

H-10

Amount of Management Fee Paid in the Most Recent	Has compensation been waived, reduced or otherwise
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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	agreed to be reduced under any applicable contract?	Cu Inve Obj	
Putnam Premier Income Trust	1,290,918,588	First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Next \$8.5 billion Any excess thereafter	0.75% 0.65% 0.60% 0.55% 0.525% 0.505% 0.49% 0.48% 0.47% 0.46% 0.45% 0.44% 0.43% 0.42%	8,927,294	Yes	To provid current in
Putnam Prime Money Market Fund***	6,828,544,083		0.20%	2,183,172	Yes	As high a current in Putnam M believes i with prese of capital maintena of liquidity
Putnam Research Fund****	825,539,509	First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess thereafter	0.65% 0.55% 0.50% 0.45% 0.425% 0.405% 0.39% 0.38%	5,269,897	Yes	Capital ap
Putnam RetirementReady 2010 Fund	82,508,709		0.05%	29,736	Yes	Capital ap and curre consisten decreasin on capital appreciat increasing on curren as it appr

target date

Putnam RetirementReady 2015 Fund	150,347,628		0.05%	58,932	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.
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H-11

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Current Investment Objective
Putnam RetirementReady 2020 Fund	162,096,359	0.05%	64,225	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.
Putnam RetirementReady 2025 Fund	133,811,161	0.05%	49,571	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income

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as it approaches its target date.

Putnam RetirementReady 2030 Fund	101,690,671	0.05%	25,310	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.
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Putnam RetirementReady 2035 Fund	68,748,550	0.05%	6,096	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.
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Putnam RetirementReady 2040 Fund	44,524,474	0.05%	0	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.
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H-12

Net Assets as of	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and	Has compensation been waived, reduced or otherwise agreed to be reduced under any	Current
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Fund	December 31, 2006 (\$)	Current Management Fee Schedule	reimbursements, if any) (\$)	applicable contract?	Investment Objective	
Putnam RetirementReady 2045 Fund	34,373,111		0.05% 0□	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.	
Putnam RetirementReady 2050 Fund	8,214,863		0.05% 0□	Yes	Capital appreciation and current income consistent with a decreasing emphasis on capital appreciation and an increasing emphasis on current income as it approaches its target date.	
Putnam RetirementReady Maturity Fund	48,280,916		0.05% 0□	Yes	As high a rate of current income as Putnam Management believes is consistent with preservation of capital.	
Putnam Small Cap Growth Fund	499,218,523	First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion Next \$5 billion Next \$5 billion Any excess thereafter	1.00% 0.90% 0.85% 0.80% 0.775% 0.755% 0.74% 0.73%	3,840,676	Yes	Capital appreciation.
Putnam Small Cap Value Fund	774,255,867	First \$500 million Next \$500 million Next \$500 million Next \$5 billion Next \$5 billion	0.80% 0.70% 0.65% 0.60% 0.575%	6,409,797^	Yes	Capital appreciation.

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Next \$5 billion	0.555%
Next \$5 billion	0.54%
Any excess thereafter	0.53%

Putnam Tax Exempt Income Fund	1,200,407,523	The lesser of 0.50%, or		6,301,826	Yes	As high a level of current income exempt from federal income tax as Putnam Management believes to be consistent with preservation of capital.
		First \$500 million	0.60%			
		Next \$500 million	0.50%			
		Next \$500 million	0.45%			
		Next \$5 billion	0.40%			
		Next \$5 billion	0.375%			
		Next \$5 billion	0.355%			
		Next \$5 billion	0.34%			
		Any excess thereafter	0.33%			

H-13

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule		Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Current Investment Objectives
Putnam Tax Exempt Money Market Fund	130,101,465	First \$500 million	0.45%	390,524	Yes	As high a level of current income exempt from federal income tax as Putnam Management believes is consistent with preservation of capital, maintenance of liquidity and stability of
		Next \$500 million	0.35%			
		Next \$500 million	0.30%			
		Next \$5 billion	0.25%			
		Next \$5 billion	0.225%			
		Next \$5 billion	0.205%			
		Next \$5 billion	0.19%			
		Any excess thereafter	0.18%			
Putnam Tax-Free Health Care Fund	192,025,045	The lesser of 0.55%, or		1,177,515	Yes	The fund seeks to provide as high a level of current income free of federal income tax as Putnam Management
		First \$500 million	0.65%			
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			

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Next \$5 billion 0.39%
 Any excess over \$21.5 billion 0.38%

believes is
 consistent v
 preservation
 of capital.

Putnam Tax-Free High Yield Fund	1,463,606,993	The lesser of 0.50%, or		7,815,394	Yes	High curren exempt from income tax
		First \$500 million	0.60%			
		Next \$500 million	0.50%			
		Next \$500 million	0.45%			
		Next \$5 billion	0.40%			
		Next \$5 billion	0.375%			
		Next \$5 billion	0.355%			
		Next \$5 billion	0.34%			
Any excess thereafter	0.33%					
Putnam Tax Smart Equity Fund®	282,128,891	First \$500 million	0.70%	1,914,939	Yes	Long-term of capital o after-tax ba
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Any excess thereafter	0.43%					
Putnam U.S. Government Income Trust	1,209,378,791	First \$500 million	0.57%	6,820,873	Yes	As high a le current inc Putnam Ma believes is consistent v preservatio of capital.
		Next \$500 million	0.475%			
		Next \$500 million	0.4275%			
		Any excess over \$1.5 billion	0.38%			
Putnam Utilities Growth and Income Fund	622,775,796	First \$500 million	0.70%	3,727,421	Yes	Capital gro current inc
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Any excess thereafter	0.43%					

H-14

**Has
 Amount of
 Management
 been waived,**

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	reduced or otherwise agreed to be reduced under any applicable contract?		
Putnam Vista Fund	2,389,026,658	First \$500 million	0.65%	14,101,874	Yes	Ca
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess over \$21.5 billion	0.38%			
Putnam Voyager Fund	8,241,571,476	First \$500 million	0.70%	51,035,233	Yes	Ca
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Next \$5 billion	0.43%			
		Next \$5 billion	0.42%			
		Next \$5 billion	0.41%			
		Next \$5 billion	0.40%			
		Next \$5 billion	0.39%			
		Next \$8.5 billion	0.38%			
Above \$55 billion	0.37%					
Putnam VT American Government Income Fund	149,012,146	First \$500 million	0.65%	693,021	Yes	Hi w ca se
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Next \$5 billion	0.38%			
		Next \$5 billion	0.37%			
		Next \$5 billion	0.36%			
		Next \$5 billion	0.35%			
		Any excess thereafter	0.34%			
Putnam VT Capital Appreciation Fund	50,843,215	First \$500 million	0.65%	225,344	Yes	Ca
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			

Next \$5 billion	0.45%
Next \$5 billion	0.425%
Next \$5 billion	0.405%
Next \$5 billion	0.39%
Next \$5 billion	0.38%
Next \$5 billion	0.37%
Next \$5 billion	0.36%
Next \$5 billion	0.35%
Next \$5 billion	0.34%
Next \$8.5 billion	0.33%
Any excess thereafter	0.32%

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?		
				Yes	Lo of	
Putnam VT Capital Opportunities Fund	46,989,019	First \$500 million	0.65%	222,790	Yes	Lo of
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam VT Discovery Growth Fund	36,740,778	First \$500 million	0.70%	105,127	Yes	Lo of
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Next \$5 billion	0.43%			
		Next \$5 billion	0.42%			
		Next \$5 billion	0.41%			
		Next \$5 billion	0.40%			
		Next \$5 billion	0.39%			

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		Next \$8.5 billion	0.38%			
		Any excess thereafter	0.37%			
Putnam VT Diversified Income Fund	479,813,483	First \$500 million	0.70%	2,933,530	Yes	As
		Next \$500 million	0.60%			cu
		Next \$500 million	0.55%			Pu
		Next \$5 billion	0.50%			be
		Next \$5 billion	0.475%			wi
		Next \$5 billion	0.455%			of
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			
Putnam VT Equity Income Fund	241,424,798	First \$500 million	0.65%	1,326,897	Yes	Ca
		Next \$500 million	0.55%			cu
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam VT The George Putnam Fund of Boston	608,279,822	First \$500 million	0.65%	3,969,447	Yes	To
		Next \$500 million	0.55%			inv
		Next \$500 million	0.50%			of
		Next \$5 billion	0.45%			po
		Next \$5 billion	0.425%			an
		Next \$5 billion	0.405%			pr
		Next \$5 billion	0.39%			gr
		Any excess thereafter	0.38%			cu
Putnam VT Global Asset Allocation Fund	400,137,286	First \$500 million	0.70%	2,392,952	Yes	A
		Next \$500 million	0.60%			lon
		Next \$500 million	0.55%			ret
		Next \$5 billion	0.50%			wi
		Next \$5 billion	0.475%			of
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			

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Amount of Management Fee Paid in the Most Recent	Has compensation been waived, reduced or otherwise
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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	agreed to be reduced under any applicable contract?	Current Investment Objective	
Putnam VT Global Equity Fund	608,067,124	First \$500 million	0.80%	4,692,325	Yes	Capital appreciation.
		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
Any excess thereafter	0.53%					
Putnam VT Growth and Income Fund	4,101,216,725	First \$500 million	0.65%	20,729,712	Yes	Capital growth and current income.
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					
Putnam VT Growth Opportunities Fund	50,923,698	First \$500 million	0.70%	243,122	Yes	Capital appreciation.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Next \$5 billion	0.43%					
Any excess thereafter	0.42%					
Putnam VT Health Sciences Fund	270,659,925	First \$500 million	0.70%	2,204,609	Yes	Capital appreciation.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Any excess thereafter	0.43%					
Putnam VT High Yield Fund	599,035,287	First \$500 million	0.70%	3,720,493	Yes	High current income. Capital growth is a secondary goal when consistent
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			

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Next \$5 billion	0.475%	with achieving high current income.
Next \$5 billion	0.455%	
Next \$5 billion	0.44%	
Any excess thereafter	0.43%	

Putnam VT Income Fund	737,543,099	First \$500 million	0.65%	3,498,163	Yes	High current income consistent with what Putnam Management believes to be prudent risk.
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Current Investment Objective	
Putnam VT International Equity Fund	1,267,657,390	First \$500 million	0.80%	8,271,996	Yes	Capital appreciation
		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
Any excess thereafter	0.53%					
Putnam VT International Growth and Income Fund	460,469,163	First \$500 million	0.80%	2,838,706	Yes	Capital growth. Current income is a secondary objective
		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
Any excess thereafter	0.53%					

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Putnam VT International New Opportunities Fund	287,674,855	First \$500 million	1.00%	2,485,049	Yes	Long-term capital appreciation.
		Next \$500 million	0.90%			
		Next \$500 million	0.85%			
		Next \$5 billion	0.80%			
		Next \$5 billion	0.775%			
		Next \$5 billion	0.755%			
		Next \$5 billion	0.74%			
Any excess thereafter	0.73%					
Putnam VT Investors Fund	494,282,635	First \$500 million	0.65%	3,216,355	Yes	Long-term growth of capital and any increased income that results from this growth.
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					
Putnam VT Mid Cap Value Fund	95,124,663	First \$500 million	0.70%	634,565	Yes	Capital appreciation and, as a secondary objective, current income.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Any excess thereafter	0.43%					
Putnam VT Money Market Fund	399,752,655	First \$500 million	0.45%	1,529,264	Yes	As high a rate of current income as Putnam Management believes is consistent with preservation of capital and maintenance of liquidity.
		Next \$500 million	0.35%			
		Next \$500 million	0.30%			
		Next \$5 billion	0.25%			
		Next \$5 billion	0.225%			
		Next \$5 billion	0.205%			
		Next \$5 billion	0.19%			
Any excess thereafter	0.18%					
Putnam VT New Opportunities Fund	1,291,099,249	First \$500 million	0.70%	8,663,759	Yes	Long-term capital appreciation.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Any excess thereafter	0.43%					

Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Current Investment Objective	
Putnam VT New Value Fund	679,407,446	First \$500 million	0.70%	4,475,605	Yes	Long-term capital appreciation.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			
Putnam VT OTC & Emerging Growth Fund	79,065,231	First \$500 million	0.70%	575,537	Yes	Capital appreciation.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
		Any excess thereafter	0.43%			
Putnam VT Research Fund	177,820,555	First \$500 million	0.65%	1,213,099	Yes	Capital appreciation.
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
		Any excess thereafter	0.38%			
Putnam VT Small Cap Value Fund	978,000,195	First \$500 million	0.80%	6,827,461	Yes	Capital appreciation.
		Next \$500 million	0.70%			
		Next \$500 million	0.65%			
		Next \$5 billion	0.60%			
		Next \$5 billion	0.575%			
		Next \$5 billion	0.555%			
		Next \$5 billion	0.54%			
		Any excess thereafter	0.53%			

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Putnam VT Utilities Growth and Income Fund	382,902,568	First \$500 million	0.70%	2,437,187	Yes	Capital growth and current income.
		Next \$500 million	0.60%			
		Next \$500 million	0.55%			
		Next \$5 billion	0.50%			
		Next \$5 billion	0.475%			
		Next \$5 billion	0.455%			
		Next \$5 billion	0.44%			
Any excess thereafter	0.43%					
Putnam VT Vista Fund	420,426,636	First \$500 million	0.65%	3,006,605	Yes	Capital appreciation.
		Next \$500 million	0.55%			
		Next \$500 million	0.50%			
		Next \$5 billion	0.45%			
		Next \$5 billion	0.425%			
		Next \$5 billion	0.405%			
		Next \$5 billion	0.39%			
Any excess thereafter	0.38%					

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Fund	Net Assets as of December 31, 2006 (\$)	Current Management Fee Schedule	Amount of Management Fee Paid in the Most Recent Fiscal Year (after applicable waivers and reimbursements, if any) (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Current Investment Objective

* Due to expense limitations in effect during the fund's fiscal year ended 02/28/06, Putnam Income Strategies Fund did not pay a management fee to Putnam Management. Figures for the fund's most recent fiscal year are not yet available.

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** The management fee schedule for Putnam Municipal Opportunities Trust represents fees paid only for investment advisory services. As described in this proxy statement, the fund also paid administrative fees to Putnam Management for administrative services.

*** The management fee schedule for Putnam Prime Money Market Fund represents fees paid only for investment advisory services. As described in this proxy statement, the fund also pays administrative fees to Putnam Management for administrative services.

****A revised management contract for Putnam Research Fund was approved by shareholders on December 14, 2006 to remove the incentive fee component from the management fee. Under the fund's previous management contract, the fund paid Putnam Management a quarterly fee consisting of an asset-based component and an incentive component. The asset-based fee was subject to a performance adjustment based on the investment performance of the fund compared to the Standard & Poor's 500 (S&P 500) composite Stock Price Index. Performance was calculated for these purposes at the beginning of each calendar quarter, for the thirty-six month period immediately preceding such quarter or the life of the fund, if shorter. The applicable asset-based fee was increased or decreased for each calendar quarter by an incentive payment or penalty at the annual rate of 0.01% of the fund's average net assets for each 1.00% increment by which the fund outperformed or underperformed the S&P 500 in excess of 3.00%, subject to a maximum increase or decrease of 0.07% of average net assets. The revised management contract provides for an eighteen-month transition period during which the fund's fee will be the lesser of (i) the asset-based fee and (ii) the performance-adjusted fee that would have been calculated under the previous contract. The fund is currently in this transition period, which will end on June 30, 2008, after which the asset-based management fee will apply without performance-based adjustments.

□ Due to expense limitations in effect during the most recent fiscal year, Putnam RetirementReady 2040 Fund, Putnam RetirementReady 2045 Fund, Putnam RetirementReady 2050 Fund and Putnam RetirementReady Maturity Fund did not pay management fees to Putnam Management.

^ Amounts for fiscal year ended 02/28/06. Figures for the fund's most recent fiscal year are not yet available.

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The following table contains certain information regarding other funds for which Putnam Management provides investment advisory services as a sub-adviser. Unlike the other funds addressed in this proxy statement, Putnam Management does not provide administrative or other services to these funds.

Fund	Net Assets		Amount of Sub-Advisory Fee Paid in the Most Recent Fiscal Year (\$)	Has compensation been waived, reduced or otherwise agreed to be reduced under any applicable contract?	Current Investment Objective	Fiscal Year
	as of December 31, 2006 (\$)	Sub-Advisory Fee Rate				
Met Investors Series Trust: Met/Putnam Capital Opportunities Portfolio	44,828,654	0.54% of average daily net assets□□	244,961	No	Long-term growth of capital.	Dec. 31, 2006
Valic Company I:	432,979,141	0.50% of average daily net assets□□	17,697✓	No	Capital	May 31, 2006

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Global Equity Fund							appreciation.
Valic Company I: Small Cap Special Values Fund√√	185,427,002	0.63% of average daily net assets□□	14,918√	No	To produce growth of capital by investing primarily in common stocks.	May 31, 20	
Seasons Series Trust □ Asset Allocation: Diversified Growth Portfolio	393,715,244	0.45% of average daily net assets□□	1,728,770	Yes	Capital appreciation.	May 31, 20	
JNL/Putnam Equity Fund	141,960,660	First \$150 million Next \$150 million Excess thereafter	0.45% 0.35% 0.30%	694,815	No	Long-term capital growth.	May 31, 20
JNL/Putnam Midcap Growth Fund	31,233,273	First \$250 million Excess thereafter	0.475% 0.40%	188,472	No	Capital appreciation.	May 31, 20
SunAmerica Series Trust Emerging Markets Portfolio	234,230,726	First \$100 million Next \$100 million Excess thereafter	0.85% 0.80% 0.75%	1,891,099	No	Long-term capital appreciation.	Jan. 31, 20
SunAmerica Series Trust: International Growth & Income Portfolio	455,306,042	First \$150 million Next \$150 million Excess thereafter	0.65% 0.55% 0.45%	2,227,733	No	Growth of capital, and secondarily, current income.	Jan. 31, 20
SunAmerica Series Trust: Putnam Growth: Voyager Portfolio	170,785,085	First \$150 million Next \$150 million Excess thereafter	0.50% 0.45% 0.35%	709,398	Yes	Capital appreciation.	Jan. 31, 20

□□ The effective annual management fee rate is provided for these funds as the management fee schedule for each fund is not publicly disclosed.

√These amounts represent fees paid by each fund for a partial fiscal year, since each fund's inception was December 5, 2005.

√Putnam Management currently sub-advises approximately 50% of the fund's assets, with the remainder being advised by another investment adviser. The net assets provided here represent only those assets of the fund sub-advised by Putnam Management.

Payments to Putnam Management and its Affiliates

The following fees were paid by the funds to Putnam Management and its affiliates during each fund's most recent fiscal year (other than under a management contract). These services will continue to be provided after the proposed management contract is approved; however, the funds have retained State Street Bank and Trust Company as custodian, and it is expected that Putnam Fiduciary Trust Company's service as custodian will terminate during the first half of 2007 when all of the funds' assets in its custody or the custody of its sub-custodians have been transferred into State Street Bank and Trust Company's safekeeping.

Also, as described in this proxy statement, Putnam Prime Money Market Fund and Putnam Municipal Opportunities Trust paid administrative services fees to Putnam Management. Please refer to the footnotes to these particular funds in **Appendix E** for information about the administrative services fees paid to Putnam Management during the most recent fiscal year.

Fund	Fees paid to Putnam Fiduciary Trust Company for serving as investor servicing agent (\$)*	Fees paid to Putnam Fiduciary Trust Company for serving as custodian (\$)*	Fees paid to Putnam Retail Management Limited Partnership pursuant to distribution plans (\$)	Fiscal Year
Putnam American Government Income Fund	1,306,503	236,148	2,407,457	September
Putnam AMT-Free Insured Municipal Fund	168,922	116,080	1,281,572	July
Putnam Arizona Tax Exempt Income Fund	38,915	46,131	283,374	March
Putnam Asset Allocation: Balanced Portfolio	3,197,418	722,008	7,690,831	September
Putnam Asset Allocation: Conservative Portfolio	1,751,830	450,008	2,498,757	September
Putnam Asset Allocation: Growth Portfolio	3,385,542	1,560,157	7,209,776	September
Putnam California Investment Grade Municipal Trust	34,777	41,090	Not Applicable	April
Putnam California Tax Exempt Income Fund	687,684	169,424	5,547,728	September
Putnam Capital Appreciation Fund	2,448,787	219,444	3,461,183	March
Putnam Capital Opportunities Fund	3,432,751	347,870	3,827,544	April
Putnam Classic Equity Fund	1,952,796	175,325	3,180,135	November
Putnam Convertible Income-Growth Trust	781,757	137,389	2,235,945	October
Putnam Discovery Growth Fund	5,314,129	180,530	4,788,597	December
Putnam Diversified Income Trust	3,299,040	581,814	14,908,977	September

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Putnam Equity Income Fund	6,951,658	245,063	14,113,121	Novem
Putnam Europe Equity Fund	1,372,486	573,492	2,634,957	Jun
Putnam Floating Rate Income Fund**	175,806	129,462	1,244,466	Febru
The Putnam Fund for Growth and Income	26,869,135	599,513	51,322,232	Octo
The George Putnam Fund of Boston	9,125,947	480,131	18,216,870	Jul
Putnam Global Equity Fund	5,695,273	1,368,894	8,397,834	Octo
Putnam Global Income Trust	254,473	130,104	546,850	Octo
Putnam Global Natural Resources Fund	1,043,084	301,780	2,729,494	Aug
Putnam Growth Opportunities Fund	5,034,903	170,468	4,889,338	Jul
Putnam Health Sciences Trust	6,313,802	507,220	12,527,764	Aug
Putnam High Income Securities Fund	96,278	137,361	Not Applicable	Aug
Putnam High Yield Advantage Fund	701,060	188,244	3,305,078	Novem
Putnam High Yield Municipal Trust	86,711	104,108	Not Applicable	Mar
Putnam High Yield Trust	3,593,375	247,504	9,404,607	Aug

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Fund	Fees paid to Putnam Fiduciary Trust Company for serving as investor servicing agent (\$)*	Fees paid to Putnam Fiduciary Trust Company for serving as custodian (\$)*	Fees paid to Putnam Retail Management Limited Partnership pursuant to distribution plans (\$)	FI
Putnam Income Fund	5,188,989	406,144	6,057,170	Oc
Putnam Income Strategies Fund**	1,014	6,428	9,348	Feb
Putnam International Capital Opportunities Fund	3,486,799	1,655,998	7,485,283	Au

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Putnam International Equity Fund	15,299,530	6,653,687	24,900,584	J
Putnam International Growth and Income Fund	2,170,028	851,927	3,774,490	J
Putnam International New Opportunities Fund	2,552,793	777,569	3,072,562	Sept
Putnam Investment Grade Municipal Trust	112,961	124,251	Not Applicable	Nov
Putnam Investors Fund	11,541,559	295,418	16,725,612	J
Putnam Limited Duration Government Income Fund	1,035,304	174,392	1,485,486	Nov
Putnam Managed Municipal Income Trust	188,595	145,207	Not Applicable	Oct
Putnam Massachusetts Tax Exempt Income Fund	141,481	110,395	1,112,889	M
Putnam Master Intermediate Income Trust	340,900	289,863	Not Applicable	Sept
Putnam Michigan Tax Exempt Income Fund	75,770	56,902	411,398	M
Putnam Mid Cap Value Fund	2,439,108	144,668	4,523,402	A
Putnam Minnesota Tax Exempt Income Fund	78,884	54,736	405,217	M
Putnam Money Market Fund	7,108,735	26,396	1,813,923	Sept
Putnam Municipal Bond Fund	118,092	126,202	Not Applicable	A
Putnam Municipal Opportunities Trust	105,176	117,534	Not Applicable	A
Putnam New Jersey Tax Exempt Income Fund	109,963	87,009	815,048	M
Putnam New Opportunities Fund	18,449,214	284,869	19,722,612	J
Putnam New Value Fund	4,874,321	175,324	8,846,785	Au
Putnam New York Investment Grade Municipal Trust	19,398	26,438	Not Applicable	A
Putnam New York Tax Exempt Income Fund	572,969	147,793	2,977,860	Nov
Putnam Ohio Tax Exempt Income Fund	96,299	91,003	504,029	M
Putnam OTC & Emerging Growth Fund	5,529,799	169,354	4,424,411	J
Putnam Pennsylvania Tax Exempt Income Fund	107,359	78,985	613,022	M
Putnam Premier Income Trust	677,416	366,332	Not Applicable	J

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Putnam Prime Money Market Fund	320,694	49,161	10,226	Sept
Putnam Research Fund	3,274,639	168,708	4,752,048	J
Putnam RetirementReady 2010 Fund	Not Applicable	Not Applicable	108,176	J
Putnam RetirementReady 2015 Fund	Not Applicable	Not Applicable	153,376	J
Putnam RetirementReady 2020 Fund	Not Applicable	Not Applicable	175,406	J
Putnam RetirementReady 2025 Fund	Not Applicable	Not Applicable	143,679	J
Putnam RetirementReady 2030 Fund	Not Applicable	Not Applicable	100,250	J
Putnam RetirementReady 2035 Fund	Not Applicable	Not Applicable	67,617	J
Putnam RetirementReady 2040 Fund	Not Applicable	Not Applicable	42,154	J
Putnam RetirementReady 2045 Fund	Not Applicable	Not Applicable	29,079	J
Putnam RetirementReady 2050 Fund	Not Applicable	Not Applicable	3,856	J
Putnam RetirementReady Maturity Fund	Not Applicable	Not Applicable	74,474	J
Putnam Small Cap Growth Fund	1,303,853	172,809	1,727,604	J

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Fund	Fees paid to Putnam Fiduciary Trust Company for serving as investor servicing agent (\$)*	Fees paid to Putnam Fiduciary Trust Company for serving as custodian (\$)*	Fees paid to Putnam Retail Management Limited Partnership pursuant to distribution plans (\$)	Fiscal Year
Putnam Small Cap Value Fund**	1,721,218	189,821	4,206,106	February
Putnam Tax Exempt Income Fund	619,569	157,244	2,965,084	September
Putnam Tax Exempt Money Market Fund	92,314	7,225	Not Applicable	September
Putnam Tax-Free Health Care Fund	96,730	89,104	Not Applicable	May 31

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Putnam Tax-Free High Yield Fund	876,144	181,530	4,924,806	July 31,
Putnam Tax Smart Equity Fund®	308,021	136,425	1,725,253	October 31,
Putnam U.S. Government Income Trust	1,912,986	524,492	4,893,122	September 30,
Putnam Utilities Growth and Income Fund	969,213	343,106	1,921,475	October 31,
Putnam Vista Fund	7,285,460	292,982	10,325,341	July 31,
Putnam Voyager Fund	30,585,086	398,461	32,965,281	July 31,
Putnam VT American Government Income Fund	48,941	114,013	173,639	December 31,
Putnam VT Capital Appreciation Fund	15,725	65,351	57,034	December 31,
Putnam VT Capital Opportunities Fund	12,527	54,559	46,005	December 31,
Putnam VT Discovery Growth Fund	11,659	63,423	65,208	December 31,
Putnam VT Diversified Income Fund	145,032	268,013	425,943	December 31,
Putnam VT Equity Income Fund	61,671	104,545	236,721	December 31,
Putnam VT The George Putnam Fund of Boston	194,190	268,645	744,815	December 31,
Putnam VT Global Asset Allocation Fund	118,715	433,160	193,024	December 31,
Putnam VT Global Equity Fund	178,611	512,462	184,854	December 31,
Putnam VT Growth and Income Fund	1,270,937	311,396	1,981,707	December 31,
Putnam VT Growth Opportunities Fund	15,810	48,399	75,526	December 31,
Putnam VT Health Sciences Fund	95,118	155,996	444,903	December 31,
Putnam VT High Yield Fund	181,736	189,665	413,089	December 31,
Putnam VT Income Fund	231,988	265,541	738,885	December 31,
Putnam VT International Equity Fund	338,452	1,358,361	1,823,795	December 31,
Putnam VT International Growth and Income Fund	121,377	546,929	291,287	December 31,
Putnam VT International New Opportunities Fund	82,490	369,808	400,747	December 31,
Putnam VT Investors Fund	148,076	182,489	563,681	December 31,

Putnam VT Mid Cap Value Fund	27,834	51,386	73,775	December
Putnam VT Money Market Fund	110,530	135,076	411,984	December
Putnam VT New Opportunities Fund	415,595	187,781	381,899	December
Putnam VT New Value Fund	200,902	140,816	676,015	December
Putnam VT OTC & Emerging Growth Fund	25,507	60,623	91,357	December
Putnam VT Research Fund	56,664	91,120	272,176	December
Putnam VT Small Cap Value Fund	276,850	215,429	1,582,848	December
Putnam VT Utilities Growth and Income Fund	113,131	278,585	146,590	December
Putnam VT Vista Fund	167,571	190,972	628,075	December
Putnam VT Voyager Fund	569,884	211,176	1,114,380	December

* Excludes custody credits and investor servicing credits.

** Amounts for fiscal year ended 02/28/06. Figures for the fund's most recent fiscal year are not yet available.

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APPENDIX J

5% Beneficial Ownership

As of February 9, 2007, to the knowledge of the Putnam funds, no person owned beneficially or of record 5% or more of any class of shares of any Putnam fund, except as shown in the tables below. Additional ownership information for the Putnam closed-end funds is shown separately at the end of this Appendix J.

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam American Government Income Fund

CLASS C

Bickley Printing SEP IRA Plan
1225 Norton Ave
Glendale, CA 91202-2030

32,166.81 8.90%

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CLASS M

Harold Azmelian, Philip Arpiarian & Armen Kalbian As TTEE Holy Cross Church Endowment Trst 770 Anderson Ave Apt 15K Cliffside Pk, NJ 07010-2169	22,881.20	9.70%
Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	52,560.96	22.30%
Travel Store, Inc.**	18,454.00	7.84%
American Broadcast EFCU 401(K) & Profit Sharing Plan*	16,565.00	7.04%

CLASS R

MCB Trust Services As Agent For its Customers 700 17th St Ste 300 Denver, CO 80202-3531	6,299.05	97.80%
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CLASS Y

Building Service Local 32b-J Supplemental Retirement Savings Plan**	605,464.00	57.29%
Putnam Investments Profit Sharing Plan*	188,566.00	17.84%

Putnam AMT-Free Insured Municipal Fund

CLASS A

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	937,040.19	5.10%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,570,441.82	14.10%

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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	178,615.89	5.80%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	212,789.69	6.90%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	258,300.36	8.40%

CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	98,771.20	17.20%
J.J.B. Hilliard, W.L. Lyons, Inc 501 S.4th Street Louisville, KY 40202	41,802.53	7.30%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS C

NFS LLC FEBO its Customers 5769 Pray St Bonita, CA 91902	31,698.04	5.50%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	32,385.59	44.70%
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Pershing LLC

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P. O. Box 2052 Jersey City, NJ 07303	13,828.44	19.00%
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Joan M Novak & Eugene S. Novak 2091 E Parkview Cir Hoffman Est, IL 60169-2644	4,915.46	6.70%
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Putnam Arizona Tax Exempt Income Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	1,635,301.84	19.50%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	67,236.23	6.60%
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CLASS C

Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	1,098.02	100.00%
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CLASS M

LPL Financial Services 9785 Towne Centre Drive San Diego, CA 92121-1968	28,739.25	19.40%
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Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	31,196.03	21.10%
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Pershing LLC P.O. Box 2052 Jersey City, NJ 07303-9998	19,602.04	13.20%
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L & F Investments Ltd Partnership 4121 N 64th Pl		
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Scottsdale, AZ 85251-3109	33,437.68	22.70%
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Putnam Asset Allocation: Balanced Portfolio

CLASS A

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	9,371,204.58	7.60%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	12,828,440.93	10.50%

J-1

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Asset Allocation: Balanced Portfolio, continued

CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	596,561.87	5.10%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,121,584.97	9.60%

CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	264,326.80	8.80%
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CLASS R

Counsel Trust Co
Corporate Benefit Services Of
American And Affiliates Retirement Plan

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336 4th Ave Ste 5 Pittsburgh, PA 15222-2004	558,406.74	66.50%
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CLASS Y

IBEW Local 3**	3,682,426.00	23.87%
Kinder Morgan Savings Plan**	2,708,037.00	17.56%
Ironworkers St. Louis District Council Annuity Trust Fund**	1,146,805.00	7.43%
Cenveo Corporation 401(K) Plan**	897,297.00	5.82%
Arch Coal, Inc. Employee Thrift Plan**	854,655.00	5.54%
Putnam Investments Profit Sharing Plan*	824,774.00	5.35%
Genlyte Thomas Group Retirement Savings And Investment Plan**	791,025.00	5.13%
United Way Of Massachusetts 51 Sleeper St. Boston, MA 02210-1208	779,157.00	5.00%

Putnam Asset Allocation: Conservative Portfolio

CLASS A

Ironworkers St. Louis District Council Annuity Trust Fund**	3,367,899.00	7.08%
Edward D. Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,156,069.00	6.60%

CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	485,679.63	5.50%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	383,578.45	7.50%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	320,521.96	6.30%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	408,205.01	8.00%

CLASS M

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	85,547.78	6.80%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	74,227.36	6.00%
National City Bank P.O. Box 94984 Cleveland, OH 44101-4984	228,185.22	18.40%

CLASS R

MG Trust Company As Agent For its Customers 700 17th St Ste 300 Denver, CO 80202-3531	8,218.71	6.80%
MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	20,601.75	17.10%

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MG Trust Company FBO
 its Customers
 700 17th St Ste 300
 Denver, CO 80202-3531

	7,249.71	6.00%
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Counsel Trust Co
 Corporate Benefit Services
 Of America And Affiliates
 Retirement Plan
 336 4th Ave Ste 5
 Plttsburgh, PA 15222-2004

	31,902.23	26.80%
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CLASS Y

Building Service Local 32b-J
 Supplemental Retirement
 Savings Plan**

	37,485,779.00	89.47%
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Putnam Asset Allocation: Growth Portfolio

CLASS A

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003

	12,325,377.19	12.20%
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CLASS B

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003

	1,505,905.82	5.10%
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CLASS C

Citigroup Global Markets Inc
 333 W 34th St
 New York, NY 10001-2402

	1,112,482.10	8.20%
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MLPF&S For The Sole Benefit
 Of Its Customers
 4800 Deer Lake Dr E Fl 3
 Jacksonville, FL 32246-6484

	1,919,512.93	14.20%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	186,629.23	5.70%
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CLASS R

Counsel Trust Co Corporate Benefit Services Of American And Affiliates Retirement Plan 336 4th Ave Ste 5 Plttsburgh, PA 15222-2004	192,346.35	36.90%
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J-2

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS Y

IBEW Local 3**	4,835,022.00	36.67%
Kinder Morgan Savings Plan**	2,109,804.00	16.00%
Putnam Investments Profit Sharing Plan*	1,854,414.00	14.07%
Ironworkers St. Louis District Council Annuity Trust Fund**	1,599,228.00	12.13%
Cenveo Corporation 401(K) Plan**	879,500.00	6.67%

Putnam California Investment Grade Municipal Trust

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	4,293,448.79	95.00%
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Putnam California Tax Exempt Income Fund

CLASS A

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	21,321,710.75	9.00%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	17,371,696.27	7.30%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	1,354,535.44	10.50%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,130,699.39	8.80%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	268,293.77	9.90%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	346,116.45	12.80%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	191,262.38	27.20%
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Kathleen L Bernath, as Trustee Of The Edward & Kathleen Bernath		
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Revocable Trust
 650 Harrison Ave
 Claremont, CA 91711-4538 37,496.86 5.30%

William L Rosenberg, as Trustee
 Rosenberg Family Trust
 4754 La Villa Marina
 Marina DI Rey, CA 90292-7049 63,519.47 9.00%

Dawn Brenner, as Trustee
 Simms Survivor Trust
 Grant Bennett Associates
 425 River Park Dr Ste 250
 Sacramento, CA 95815 42,034.28 5.90%

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Capital Appreciation Fund

CLASS A

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003 2,092,848.38 8.90%

CLASS C

UBS Financial Services Inc. FBO
 its Customers
 Montgomery Pulmonary Consultants PA
 1440 Narrow Lane Pkwy
 Montgomery, AL 36111-2654 9,353.40 5.40%

CLASS M

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003 31,300.47 5.10%

CLASS R

MG Trust Company Cust. FBO
 its Customers

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700 17th St Ste 300 Denver, CO 80202-3531	1,509.68	32.60%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	2,312.41	49.90%
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Julianna R Kinstler 223 E Wisconsin Ave Monticello, WI 53570-9632	286.71	6.20%
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CLASS Y

Putnam Investments Profit Sharing Plan*	236,920.00	75.10%
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Putnam Investments**	31,040.00	9.84%
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Putnam Capital Opportunities Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	4,519,578.42	10.90%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	825,313.08	5.00%
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CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	148,509.35	5.00%
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CLASS M

Edward D Jones & Co

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201 Progress Pkwy Maryland Hts, MO 63043-3003	87,590.84	6.20%
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CLASS R

MCB Trust Services As Agent For its Customers 700 17th St Ste 300 Denver, CO 80202-3531	11,955.82	7.10%
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MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	19,019.52	11.30%
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J-3

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Capital Opportunities Fund, continued

CLASS R

MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	30,455.20	18.00%
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CLASS Y

Ohio Tuition Trust Authority/ College Advantage Program***	11,242,432.00	31.70%
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Putnam Classic Equity Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	9,127,506.06	22.40%
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CLASS B

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Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	730,619.77	11.30%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	367,860.58	20.40%
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CLASS R

MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	833.71	33.60%
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Trustlynx & Co P.O. Box 173736 Denver, CO 80217-3736	1,449.18	58.50%
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CLASS Y

Putnam Investments Profit Sharing Plan*	284,837.00	78.28%
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Putnam Convertible Income-Growth Trust

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,915,801.31	12.20%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	121,822.36	5.10%
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Edward D Jones & Co 201 Progress Pkwy		
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Maryland Hts, MO 63043-3003	144,529.65	6.10%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	170,971.62	7.20%
CLASS C		
<hr/>		
Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	79,363.54	6.10%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	439,968.63	34.10%
Shareholder Name and Address	Holdings	Percentage Owned
CLASS M		
<hr/>		
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	25,671.50	8.50%
Nationwide Trust Co C/O IPO Portfolio Accounting P.O. Box 182029 Columbus, OH 43218-2029	16,486.10	5.40%
CLASS R		
<hr/>		
MG Trust Company Cust 700 17th St Ste 300 Denver, CO 80202-3531	32,926.36	55.50%
MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	3,309.08	5.50%
Reliance Trust Company P.O. Box 48529 Atlanta, GA 30362-1529	17,849.27	30.10%

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CLASS Y

Putnam Investments Profit Sharing Plan*	222,631.00	17.76%
Madison Paper Industries Savings & Investment Plan**	95,412.00	7.61%

Putnam Discovery Growth Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,460,000.57	9.50%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	731,207.18	5.70%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	135,360.24	8.00%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	71,537.95	6.80%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	600.62	14.50%
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MG Trust Custodian

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700 17th St Ste 300 Denver, CO 80202-3531	3,244.52	78.40%
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CLASS Y

Putnam Investments Profit Sharing Plan*	386,717.00	76.51%
Putnam Investments**	36,581.00	7.24%

J-4

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Diversified Income Trust

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	13,538,140.81	9.70%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	1,556,245.16	6.20%
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CLASS C

SMBC Friend Securities Co., Ltd Foreign Securities Dept 7-12 Kabuto-Cho Nihonbashi, CHUO-KU Tokyo 103 Japan	5,782,900.00	49.70%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	798,898.53	6.80%
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CLASS M

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SMBC Friend Securities Co., Ltd

Foreign Securities Dept

7-12 Kabuto-Cho Nihonbashi,

CHUO-KU

Tokyo 103 Japan

91,082,520.00

97.30%

CLASS R

MG Trust Company Cust. FBO

its Customers

700 17th St Ste 300

Denver, CO 80202-3531

19,962.07

23.00%

MG Trust Custodian

700 17th St Ste 300

Denver, CO 80202-3531

37,020.27

42.50%

CLASS Y

Marsh & McLennan Deferred

Compensation Plans

1166 Avenue Of The Americas

New York, NY 10036-2774

758,765.00

47.37%

Putnam Investments Profit Sharing Plan*

518,652.00

31.15%

Putnam Equity Income Fund

CLASS A

Edward D Jones & Co

201 Progress Pkwy

Maryland Hts, MO 63043-3003

37,931,042.36

24.10%

CLASS B

Edward D Jones & Co

201 Progress Pkwy

Maryland Hts, MO 63043-3003

4,408,083.78

13.30%

CLASS C

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Citigroup Global Markets Inc
 333 W 34th St
 New York, NY 10001-2402 307,531.42 5.50%

MLPF&S For The Sole Benefit
 Of Its Customers
 4800 Deer Lake Dr E Fl 3
 Jacksonville, FL 32246-6484 417,653.61 7.40%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003 667,002.28 20.70%

CLASS R

Martin Prakken & Tom O'Connell,
 Blueprint Automation Ret Pln
 16037 Innovation Dr
 Colonial Hgts, VA 23834-5951 13,936.94 5.10%

MLPF&S For The Sole Benefit
 Of Its Customers
 4800 Deer Lake Dr E Fl 3
 Jacksonville, FL 32246-6484 29,226.65 10.70%

Hartford Life Insurance
 P.O. Box 2999
 Hartford, CT 06104-2999 31,936.51 11.70%

CLASS Y

IBEW Local 3** 3,545,775.00 22.13%

Marsh & McLennan Supplemental
 Retirement Plan** 3,393,455.00 21.18%

Emerson Electric Co. Employee
 Savings Investment Plan** 1,876,013.00 11.71%

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Putnam Europe Equity Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	817,402.34	5.70%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	19,014.05	9.10%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	23,756.63	11.40%
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CLASS M

SMBC Friend Securities Co., Ltd Foreign Securities Dept 7-12 Kabuto-Cho Nihonbashi, CHUO-KU Tokyo 103 Japan	130,450.00	28.60%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	1,489.38	78.20%
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CLASS Y

Putnam Investments Profit Sharing Plan*	224,234.00	69.79%
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Putnam Investments**	37,594.00	11.70%
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Putnam Floating Rate Income Fund

CLASS A

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	2,192,572.81	6.40%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	5,710,932.18	16.80%

J-5

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Floating Rate Income Fund, continued

CLASS A

Charles Schwab & Co Inc 101 Montgomery St San Francisco, CA 94022-3120	1,947,843.94	5.70%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	1,207,960.68	10.80%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	3,502,943.68	31.30%

CLASS M

McDonald Investments Inc (FBO its Customers) 4900 Tiedeman Rd Brooklyn, OH 44144	100,359.63	13.60%
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NFS LLC FEBO
 its Customers
 5769 Pray St
 Bonita, CA 91902

	72,558.72	9.90%
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Pershing LLC
 P. O. Box 2052
 Jersey City, NJ 07303

	50,049.45	6.80%
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Morgan Stanley DW Inc. FBO
 its Customers
 P.O. Box 250 Church Street Station
 New York, NY 10008-0250

	78,133.63	10.60%
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CLASS R

MG Trust Custodian
 700 17th St Ste 300
 Denver, CO 80202-3531

	22,857.71	69.30%
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Pershing LLC
 P. O. Box 2052
 Jersey City, NJ 07303

	3,299.00	10.00%
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CLASS Y

Putnam Investments Profit Sharing Plan*	188,627.00	54.54%
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Putnam Investments**	139,302.00	40.27%
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The Putnam Fund for Growth and Income

CLASS A

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003

	73,509,660.93	12.40%
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CLASS B

Edward D Jones & Co
 201 Progress Pkwy
 Maryland Hts, MO 63043-3003

	6,362,082.59	8.30%
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CLASS C

MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

249,475.66	5.20%
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Edward D Jones & Co
201 Progress Pkwy
Maryland Hts, MO 63043-3003

286,637.16	6.00%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

Edward D Jones & Co
201 Progress Pkwy
Maryland Hts, MO 63043-3003

849,730.86	16.00%
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CLASS R

MG Trust Company As Agent For
its Customers
700 17th St Ste 300
Denver, CO 80202-3531

4,372.41	6.10%
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MG Trust Custodian
700 17th St Ste 300
Denver, CO 80202-3531

22,061.49	30.60%
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CLASS Y

Electrical Contractors Association And
Local Union 134, IBEW Joint
Pension Trust Of Chicago**

9,728,228.00	14.67%
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Abbott Laboratories Stock
Retirement Programs**

7,393,069.00	11.15%
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The George Putnam Fund of Boston

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	31,807,107.59	17.60%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy, Maryland Hts, MO 63043-3003	3,469,674.47	11.60%
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CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	279,122.58	6.90%
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CLASS M

Carwash & Co ADP/State St Collective Trust 200 Newport Avenue Ext, Quincy, MA 02171-2102	7,083,002.28	68.00%
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CLASS R

MG Trust Company Cust 700 17th St Ste 300 Denver, CO 80202-3531	5,231.18	5.00%
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MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	11,740.95	11.30%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	13,190.13	12.50%
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MG Trust Company As Agent For its Customers P.O. Box 10699		
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Fargo, ND 58106-0699	25,414.78	24.50%
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CLASS Y

Abbott Laboratories Stock Retirement Programs**	3,887,847.00	18.16%
IBEW Local 3**	2,614,706.00	12.22%
Marsh & McLennan Supplemental Retirement Plan**	2,107,279.00	9.85%

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Shareholder Name and Address	Holdings	Percentage Owned
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The George Putnam Fund of Boston, continued

CLASS Y

Electrical Contractors Association And Local Union 134, IBEW Joint Pension Trust Of Chicago**	1,323,838.00	6.19%
Cenveo Corporation 401(K) Plan**	1,211,292.00	5.66%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	1,163,239.00	5.43%

Putnam Global Equity Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	13,205,302.77	8.50%
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CLASS C

MLPF&S For The Sole Benefit
Of Its Customers

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4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	186,523.37	6.00%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	217,202.27	7.40%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	47,942.22	40.10%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	8,829.14	7.30%
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MG Trust Company As Agent For its Customers P.O. Box 10699 Fargo, ND 58106-0699	28,305.74	23.70%
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CLASS Y

Putnam Investments Profit Sharing Plan*	1,023,118.00	41.74%
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Marsh & McLennan Deferred Compensation Plans 1166 Avenue Of The Americas New York, NY 10036-2774	581,636.00	23.73%
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Putnam Investments**	323,948.00	13.22%
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Putnam Global Income Trust

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	558,663.42	7.80%
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CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	37,112.90	15.00%
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CLASS M

Mitsubishi UFJ Securities Co Ltd Marunouchi Building 2-4-1 Marunouchi Chiyoda-Ku Tokyo 100-6317 Japan 104	1,417,900.00	83.60%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	3,765.04	36.40%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	4,724.50	45.60%
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CLASS Y

Putnam Investments Profit Sharing Plan*	162,556.00	72.28%
Putnam Investments**	45,470.00	20.22%

Putnam Global Natural Resources Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	1,142,000.65	7.20%
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CLASS B

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	194,271.03	5.10%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	40,437.09	5.20%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	54,105.86	7.00%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	18,409.47	7.00%
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CLASS R

MG Trust Company Cust 700 17th St Ste 300 Denver, CO 80202-3531	5,779.84	6.20%
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MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	8,945.36	9.50%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	8,924.01	9.40%
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Capital Bank & Trust Co Hillerich & Bradsby 8515 E Orchard Rd # 2T2 Greenwood Vlg, CO 80111-5002	13,217.59	14.10%
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MLPF&S For The Sole Benefit
Of Its Customers,
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

4,740.14 5.00%

Reliance Trust Company
P.O. Box 48529
Atlanta, GA 30362-1529

5,991.19 6.40%

Wachovia Bank Various Retirement Plans
1525 West Wt Harris Blvd
Charlotte, NC 28288-1151

6,433.38 6.90%

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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Global Natural Resources Fund, continued

CLASS Y

Putnam Investments Profit Sharing Plan*	293,572.00	60.98%
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Putnam Investments**	73,269.00	15.22%
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Putnam Growth Opportunities Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,112,021.68	8.50%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	918,723.11	5.30%
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CLASS C

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Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	131,431.00	7.10%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	138,270.20	7.50%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	32,837.85	5.00%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	408.91	5.60%
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MG Trust Company Trustee 700 17th St Ste 300 Denver, CO 80202-3531	490.82	6.80%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	5,008.79	69.50%
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CLASS Y

Putnam Investments Profit Sharing Plan*	446,666.00	81.87%
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Putnam Investments**	27,438.00	5.03%
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Putnam Health Sciences Trust

CLASS A

Edward D Jones & Co
201 Progress Pkwy

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Maryland Hts, MO 63043-3003	3,029,024.60	10.40%
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MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

2,269,683.05	7.80%
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CLASS B

Citigroup Global Markets Inc
333 W 34th St
New York, NY 10001-2402

473,264.44	5.60%
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MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

572,007.59	6.80%
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**Shareholder Name
and Address**

Holdings

**Percentage
Owned**

CLASS C

Citigroup Global Markets Inc
333 W 34th St
New York, NY 10001-2402

79,260.65	12.00%
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MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

81,335.73	12.30%
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CLASS M

Citigroup Global Markets Inc
333 W 34th St
New York, NY 10001-2402

33,563.70	7.50%
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Edward D Jones & Co
201 Progress Pkwy
Maryland Hts, MO 63043-3003

30,231.28	6.70%
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CLASS R

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Wachovia Bank 1525 West Wt Harris Blvd Charlotte, NC 28288	775.47	5.70%
MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	1,900.40	13.90%
MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	739.48	5.40%
Capital Bank & Trust Co Hancock Concrete Products Inc 8515 E Orchard Rd # 2T2 Greenwood Vlg, CO 80111-5002	2,033.30	14.90%

CLASS Y

Putnam Investments Profit Sharing Plan*	188,688.00	54.71%
Putnam Investments**	55,513.00	16.18%

Putnam High Income Securities Fund

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	20,309,109.29	94.20%
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Putnam High Yield Advantage Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	8,501,964.89	12.30%
Hartford Life Insurance P.O. Box 2999 Hartford, CT 06104-2999	5,584,317.22	8.10%

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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	188,490.57	7.80%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	212,054.56	8.80%

J-8

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam High Yield Advantage Fund, continued

CLASS M

Mitsubishi UFJ Securities Co Ltd Marunouchi Building 2-4-1 Marunouchi Chiyoda-Ku Tokyo 100-6317 Japan	52,087,286.00	97.10%
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CLASS Y

Putnam Investments Profit Sharing Plan*	682,831.00	40.27%
Marsh & McLennan Deferred Compensation Plans 1166 Avenue Of The Americas New York, NY 10036-2774	602,851.00	35.56%
Spectraserv Inc 401k and Profit Sharing Plan**	159,363.00	9.40%

Putnam High Yield Municipal Trust

COMMON SHARES

Cede & Co Fast

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20 Bowling Green New York, NY 10004-1408	19,082,078.58	90.20%
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Putnam High Yield Trust

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	41,735,991.99	19.40%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,921,329.56	11.00%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	426,605.74	5.30%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	569,240.08	7.00%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	269,115.22	10.90%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	24,539.09	25.00%
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MG Trust Custodian

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700 17th St Ste 300 Denver, CO 80202-3531	23,129.08	23.50%
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Orchard Trust Co c/o Great West Life & Annuity 8515 E Orchard Rd # 2T2 Greenwood Vlg, CO 80111-5002	5,765.30	5.80%
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CLASS Y

Ohio Tuition Trust Authority/ College Advantage Program***	12,180,258.00	44.50%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Income Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	15,803,891.84	13.70%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	1,511,310.10	7.20%
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CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	256,487.72	8.10%
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CLASS M

Mizuho Investors Securities
Investment Trust Division
Shibusawa City Place
1-13-16 Kayaba-Cho Nihonbashi

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CHUO-KU Tokyo Japan	43,631,300.00	95.90%
CLASS R		
<hr/>		
MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	54,922.00	43.90%
MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	18,470.58	14.70%
CLASS Y		
<hr/>		
Ohio Tuition Trust Authority/ College Advantage Program***	9,112,237.00	5.10%
<hr/>		
Putnam Income Strategies Fund		
CLASS A		
<hr/>		
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	81,742.80	7.30%
Putnam LLC One Post Office Square Boston, MA 02109-2106	549,326.00	49.40%
CLASS B		
<hr/>		
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	8,980.49	9.90%
Pershing LLC P. O. Box 2052 Jersey City, NJ 07303	23,334.49	25.60%
American Enterprise Investment Svcs P.O Box 9446 Minneapolis, MN 55440	11,447.61	12.50%

CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	35,084.00	38.50%
Pershing LLC P. O. Box 2052 Jersey City, NJ 07303	9,871.96	10.70%

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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Income Strategies Fund, continued

CLASS M

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,020.62	6.90%
AG Edwards & Sons Inc 1 N Jefferson Ave Saint Louis, MO 63103	2,977.56	20.20%
Gloria J Callihan 3469 Elmhurst Cir Uniontown, OH 44685-8143	1,983.14	13.40%
Robert F Klingensmith 3370 Bristol Ln Cuyahoga Fls, OH 44223-3348	3,726.71	25.30%
Thomas A Romes & Anne E. Romes 615 Slingerland Dr Schaumburg, IL 60193-2362	3,100.56	21.00%
Walter Callihan 3469 Elmhurst Cir Uniontown, OH 44685-8143	991.57	6.70%

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CLASS R

Putnam LLC One Post Office Square Boston, MA 02109-2106	100.00	100.00%
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CLASS Y

Putnam Investments Profit Sharing Plan*	9,397.00	95.81%
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Putnam International Capital Opportunities Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,625,157.19	8.50%
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Charles Schwab & Co Inc 101 Montgomery St San Francisco, CA 94022-3120	1,786,905.55	5.80%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	720,441.83	5.90%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	681,086.34	5.60%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	346,447.25	13.60%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3		
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Jacksonville, FL 32246-6484	295,698.46	11.60%
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CLASS R

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	9,323.32	12.80%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS R

MG Trust Company As Agent For its Customers 700 17th St Ste 300 Denver, CO 80202-3531	8,563.97	11.70%
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MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	4,737.45	6.40%
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GPC As Agent For Comms Web Systems 401k Plan P.O. Box 79377 Atlanta, GA 30357-7377	6,388.96	8.80%
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CLASS Y

Ohio Tuition Trust Authority/ College Advantage Program***	787,271.00	35.50%
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Putnam Investments Profit Sharing Plan*	614,703.00	27.88%
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Putnam Investments**	120,581.00	5.47%
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Putnam International Equity Fund

CLASS A

Edward D Jones & Co

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201 Progress Pkwy Maryland Hts, MO 63043-3003	9,873,131.41	7.80%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	2,374,202.80	6.60%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	2,639,722.68	7.30%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	985,872.69	10.70%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,671,268.85	18.20%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	172,758.96	5.70%
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CLASS R

MG Trust Company 700 17th St Ste 300 Denver, CO 80202-3531	17,181.88	10.80%
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GPC As Agent For Chinburg Builders Inc 401k Plan P.O. Box 79377 Atlanta, GA 30357-7377	8,020.00	5.00%
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Emjay Corporation Plans Of RPSA Customers C/O Great-West		
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8515 E Orchard Rd # 2T2 Greenwood Vlg, CO 80111-5002	25,081.36	15.80%
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Hartford Life Insurance P.O. Box 2999 Hartford, CT 06104-2999	31,298.28	19.70%
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J-10

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam International Equity Fund, continued

CLASS Y

Abbott Laboratories Stock Retirement Programs**		13.55%
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Ohio Tuition Trust Authority/ College Advantage Program***		9.40%
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Marsh & McLennan Supplemental Retirement Plan**		5.62%
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Putnam International Growth and Income Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	15,733,147.52	31.30%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	670,212.38	5.70%
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Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	1,649,042.06	14.10%
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MLPF&S For The Sole Benefit
Of Its Customers

4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

632,507.82 5.40%

CLASS C

Citigroup Global Markets Inc
333 W 34th St
New York, NY 10001-2402

284,676.91 10.20%

MLPF&S For The Sole Benefit
Of Its Customers

4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

430,994.81 15.50%

CLASS M

Edward D Jones & Co
201 Progress Pkwy
Maryland Hts, MO 63043-3003

282,721.54 21.40%

CLASS R

MG Trust Company Cust. FBO
its Customers
700 17th St Ste 300
Denver, CO 80202-3531

28,312.22 33.50%

MG Trust Custodian
700 17th St Ste 300
Denver, CO 80202-3531

13,500.47 15.90%

CLASS Y

Putnam Investments Profit Sharing Plan*

479,940.00 44.67%

Putnam Investments**

409,371.00 38.10%

Putnam Investment Grade Municipal Trust

COMMON SHARES

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Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	18,578,261.76	91.80%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam International New Opportunities Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,499,239.87	9.50%
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CLASS B

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	427,723.80	5.50%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	85,460.10	8.00%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	90,428.48	8.50%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	107,988.85	9.20%
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CLASS R

MLPF&S For The Sole Benefit Of
its Customers

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4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,460.47	6.10%
MG Trust Company Cust 700 17th St Ste 300 Denver, CO 80202-3531	7,770.05	32.40%
MG Trust Company 700 17th St Ste 300 Denver, CO 80202-3531	2,783.15	11.60%
MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	5,890.25	24.50%
MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	1,284.24	5.30%

CLASS Y

Putnam Investments Profit Sharing Plan*	925,841.00	86.50%
Putnam Investments**	68,370.00	6.39%

Putnam Investors Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	17,414,401.79	10.70%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,682,090.33	5.00%
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CLASS C

MLPF&S For The Sole Benefit

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Of Its Customers

4800 Deer Lake Dr E Fl 3

Jacksonville, FL 32246-6484

681,853.00

14.10%

J-11

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Investors Fund, continued

CLASS C

Citigroup Global Markets Inc

333 W 34th St

New York, NY 10001-2402

331,759.87

6.80%

CLASS M

Mercer Trust Company

1 Investors Way

Norwood, MA 02062-1599

164,883.21

5.40%

Edward D Jones & Co

201 Progress Pkwy

Maryland Hts, MO 63043-3003

191,279.33

6.30%

CLASS R

MG Trust Company Cust

700 17th St Ste 300

Denver, CO 80202-3531

7,211.60

9.10%

MG Trust Company Cust. FBO

its Customers

700 17th St Ste 300

Denver, CO 80202-3531

28,598.84

36.00%

MG Trust Custodian

700 17th St Ste 300

Denver, CO 80202-3531

13,754.48

17.30%

CLASS Y

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Ohio Tuition Trust Authority/ College Advantage Program***	10,085,385.00	22.50%
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IBEW Local 3**	6,767,272.00	15.23%
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Putnam Limited Duration Government Income Fund

CLASS A

Boston Safe Deposit & Tr Co TTEE Marsh & McLennan Employer 1166 Avenue Of The Americas New York, NY 10036-2708	2,774,735.24	7.00%
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Marsh & McLennan Co Inc. 1166 Avenue Of The Americas New York, NY 10036-2708	2,560,430.16	6.50%
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CLASS B

MLPF&S For The Sole Benefit Of its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	704,423.70	5.70%
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CLASS M

Janney Montgomery Scott LLC 1801 Market Street Philadelphia, PA 19103	67,680.89	5.90%
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Concetta Lacorte, Joann Ambrosio & Ann Marie Derario 9005 165th Ave Howard Beach, NY 11414-3737	71,687.65	6.30%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	14,062.71	36.10%
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MG Trust Custodian
 700 17th St Ste 300
 Denver, CO 80202-3531 19,206.69 49.30%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS Y

Electrical Contractors Association And Local Union 134, IBEW Joint Pension Trust Of Chicago**	30,476,187.00	95.66%
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Putnam Managed Municipal Income Trust

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	40,310,303.64	90.20%
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Putnam Massachusetts Tax Exempt Income Fund

CLASS A

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,403,572.48	5.30%
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CLASS B

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	396,892.57	8.70%
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CLASS C

Jeanne Craig

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28 Tower Hill Rd Braintree, MA 02184-5315	27,844.61	6.10%
Joan A Fitzgerald, Elaine Greene JTWROS TOD, Walter D Fitzgerald, III 40 Rockingham Ave Apt 214 West Roxbury, MA 02132-4523	30,132.02	6.60%
NFS LLC FEBO, Joe G Naylor, Maile Naylor 1083 Beacon St Apt 4 Brookline, MA 02446	131,022.12	28.60%
Elizabeth F Oshea TOD Multiple Beneficiaries P.O. Box 719 Dennis, MA 02638-0719	26,489.03	5.80%

CLASS M

NFS LLC FEBO, Andrea Matoes 238 Plymouth Ave E Wareham, MA 02538	59,043.96	11.80%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	29,314.38	5.90%
UBS Financial Services Inc. FBO, John M. Whittier Jr GST, Bancroft R Wheeler TTEE 155 Seaport Blvd 7th Floor Boston, MA 02210-2698	72,016.00	14.50%
Leonard Joiner & Leigh A Joiner JTWROS 150 Hampshire Rd Methuen, MA 01844-1117	33,481.00	6.70%

Putnam Master Intermediate Income Trust

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	87,198,558.59	95.40%
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J-12

Shareholder Name and Address	Holdings	Percentage Owned
Putnam Michigan Tax Exempt Income Fund		
CLASS A		
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,292,562.25	20.60%
Putnam Michigan Tax Exempt Income Fund, continued		
CLASS B		
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	113,485.59	6.60%
CLASS C		
Raymond James & Assoc Inc 880 Carillon Pkwy St Petersburg, FL 33716	2,639.35	70.10%
Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	1,122.21	29.80%
CLASS M		
Frank R Farkas 840 Ducey Ave Muskegon, MI 49442-2102	23,432.95	16.60%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	9,353.41	6.60%

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Pauline B Pickford Trust 64 Pleasant St Oxford, MI 48371-4648	14,317.89	10.10%
UBS Financial Services Inc. FBO, Robert E. Hunter Trust 5470 Waterfield Ct Ann Arbor, MI 48108-2749	10,032.16	7.10%
AG Edwards & Sons Inc 1 N Jefferson Ave Saint Louis, MO 63103	16,603.41	11.80%
AG Edwards & Sons Inc FBO its Customers 1 N Jefferson Ave Saint Louis, MO 63103	46,004.92	32.60%

Putnam Mid Cap Value Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	4,563,143.89	10.70%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	876,811.77	5.50%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	49,902.02	5.20%
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CLASS R

AST Trust Company Cust
Anderson Zurmuehlen & Co 401k

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P.O. Box 52129 Phoenix, AZ 85072-2129	25,381.29	7.00%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS R

MFS Heritage Trust Co FBO, Certain Company Benefit Plans P.O. Box 55824 Boston, MA 02205-5824	18,557.60	5.10%
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GPC As Agent For DMG Inc. 401k Plan & Trust P.O. Box 79377 Atlanta, GA 30357-7377	45,642.71	12.70%
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CLASS R

Capital Bank & Trust Co Hillerich & Bradsby 8515 E Orchard Rd # 2T2 Greenwood Vlg, CO 80111-5002	24,121.68	6.70%
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CLASS Y

Marsh & McLennan Supplemental Retirement Plan**	2,075,797.00	65.23%
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Putnam Investments Profit Sharing Plan*	638,891.00	20.08%
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Marsh & McLennan Deferred Compensation Plans 1166 Avenue Of The Americas New York, NY 10036-2774	246,603.00	7.76%
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Putnam Minnesota Tax Exempt Income Fund

CLASS A

Edward D Jones & Co
201 Progress Pkwy

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Maryland Hts, MO 63043-3003	2,550,777.62	24.70%
CLASS B		
<hr/>		
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	130,657.17	7.50%
CLASS C		
<hr/>		
Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	1,125.02	100.00%
CLASS M		
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LPL Financial Services 9785 Towne Centre Dr San Diego, CA 92121	9,793.50	12.90%
Stifel Nicolaus & Co Inc, Richard E & Charlotte A Wuttke 501 North Broadway St Louis, MO 63102	8,402.97	11.00%
Barbara A Aune 2510 Oregon Ave S St Loius Park, MN 55426-2608	4,511.77	5.90%
Barbara J Greenhalgh 2224 E 36th St Minneapolis, MN 55407-3015	3,974.23	5.20%
Gertrude L Palubicki 576 E 2nd St Winona, MN 55987-4217	10,788.38	14.20%
James T Biesanz Jr 270 W Broadway St Winona, MN 55987-5224	4,593.98	6.00%
Mernab & Company P.O. Box 248 Winona, MN 55987-0248	4,593.51	6.00%

J-13

Shareholder Name and Address	Holdings	Percentage Owned
Putnam Minnesota Tax Exempt Income Fund		
CLASS M		
Scott K Biesanz 724 Washington St Winona, MN 55987-3350	4,593.99	6.00%
Steven T Biesanz 11 Knollwood Ln Winona, MN 55987-9303	4,593.98	6.00%
Putnam Money Market Fund		
CLASS M		
Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	5,374,937.35	13.50%
CLASS R		
Pershing LLC P. O. Box 2052 Jersey City, NJ 07303	145,910,080.14	96.80%
CLASS T		
Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	4,165,894.21	33.00%
MG Trust Company 700 17th St Ste 300 Denver, CO 80202-3531	2,759,727.09	21.90%

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Putnam Municipal Bond Fund

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	15,797,882.01	94.10%
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Putnam Municipal Opportunities Trust

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	14,524,380.40	95.70%
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Putnam New Jersey Tax Exempt Income Fund

CLASS A

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	1,539,482.67	8.90%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	1,360,352.20	7.90%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	382,219.59	8.50%
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CLASS C

Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, Ma 02109-2106	1,091.55	16.70%
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UBS Financial Services Inc. FBO
its Customers
P.O. Box 3321
Weehawken, NJ 07086-8154

5,434.78 83.20%

**Shareholder Name
and Address**

Holdings

**Percentage
Owned**

CLASS M

Shaila Y Karandikar
203 Sherwood Ct
Somerset, NJ 08873-6029

21,367.52 12.70%

MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

19,576.32 11.60%

CLASS M

Leonard Cavaliere &
Joseph Cavaliere JTWROS
21 King George Rd
Warren, NJ 07059-7014

13,688.77 8.10%

Marie Franklin Marsh Exec
683 Rt 579
Pittstown, NJ 08867

66,842.56 39.80%

Putnam New Opportunities Fund

CLASS A

Edward D Jones & Co
201 Progress Pkwy
Maryland Hts, MO 63043-3003

4,292,680.74 6.00%

CLASS C

MLPF&S For The Sole Benefit
Of Its Customers

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4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	52,182.88	6.60%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	82,978.87	5.30%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	8,353.65	25.10%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	4,364.54	13.20%
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GPC As Agent For Chinburg Builders Inc 401k Plan P.O. Box 79377 Atlanta, GA 30357-7377	5,747.85	17.40%
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CLASS Y

IBEW Local 3**	3,896,791.00	47.92%
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United Technology Carriers**	1,438,457.00	17.69%
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Marsh & McLennan Supplemental Retirement Plan**	574,225.00	7.06%
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Putnam Investments Profit Sharing Plan*	461,519.00	5.67%
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Putnam New Value Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	20,686,008.05	28.10%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,610,553.58	12.10%
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J-14

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam New Value Fund, continued

CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	336,850.66	9.00%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	569,822.38	15.30%
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CLASS M

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	128,220.60	7.20%
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Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	377,251.33	21.20%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	22,730.23	17.10%
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MG Trust Custodian

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700 17th St Ste 300 Denver, CO 80202-3531	32,097.08	24.30%
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Union Bank Of California N.A., C Ceronix Inc PSP P.O. Box 85484 San Diego, CA 92186-5484	13,372.75	10.10%
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CLASS Y

Ohio Tuition Trust Authority/ College Advantage Program***	5,231,927.00	77.40%
Putnam Investments Profit Sharing Plan*	825,301.00	12.27%

Putnam New York Investment Grade Municipal Trust

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	2,606,021.83	93.80%
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Putnam New York Tax Exempt Income Fund

CLASS A

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	9,090,340.21	7.30%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	11,326,818.45	9.00%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	471,385.07	6.90%
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MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

	483,768.19	7.10%
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CLASS C

Citigroup Global Markets Inc
333 W 34th St
New York, NY 10001-2402

	120,582.81	9.50%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS C

MLPF&S For The Sole Benefit
Of Its Customers
4800 Deer Lake Dr E Fl 3
Jacksonville, FL 32246-6484

	257,484.93	20.30%
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CLASS M

Edward D Jones & Co
201 Progress Pkwy
Maryland Hts, MO 63043-3003

	32,386.37	12.00%
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CLASS M

NFS LLC FEBO
its Customers
Joan Gramolini
208 West Street
Mamaroneck, NY 10543

	28,166.17	10.40%
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Albert Detiberiis, Louise Detiberiis,
Paul Detiberiis & Louis Detiberiis JTWROS
8905 103rd Ave
Ozone Park, NY 11417-1358

	29,656.43	11.00%
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Pershing LLC
P.O. Box 2052
Jersey City, NY 07303-9998

	84,485.70	31.30%
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Putnam Ohio Tax Exempt Income Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,045,736.47	19.10%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	124,627.35	7.30%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	176,952.21	10.40%
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CLASS C

LPL Financial Services 9785 Towne Centre Dr San Diego, CA 92121	929.20	21.80%
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Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	1,111.73	26.10%
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Dean Witter For The Benefit Of its Customers P.O. Box 250 Church Street Station New York, NY 10008-0250	2,209.25	51.90%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	29,555.79	19.30%
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MLPF&S For The Sole Benefit Of Its Customers		
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4800 Deer Lake Dr E Fl 3
 Jacksonville, FL 32246-6484 17,687.58 11.50%

UBS Financial Services Inc. FBO
 Pine Hills Golf Club Inc
 433 West 130th Street
 Hinckley, OH 44233-9566 56,763.50 37.10%

J-15

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam OTC & Emerging Growth Fund

CLASS C

Citigroup Global Markets Inc
 333 W 34th St
 New York, NY 10001-2402 88,721.40 5.90%

CLASS M

Mercer Trust Company
 1 Investors Way
 Norwood, MA 02062-1599 119,356.83 6.80%

Carwash & Co ADP/State St Collective Trust
 200 Newport Avenue Ext
 Quincy, MA 02171-2102 133,715.89 7.80%

CLASS R

MLPF&S For The Sole Benefit Of
 its Customers
 4800 Deer Lake Dr E Fl 3
 Jacksonville, FL 32246-6484 3,573.67 19.20%

MG Trust Custodian
 700 17th St Ste 300
 Denver, CO 80202-3531 10,936.63 58.70%

D Nederveld & J Mckelvey TTEES
 5925 Imperial Pkwy Ste 226

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Mulberry, FL 33860-8690	1,289.94	6.90%
Trustlynx & Co P.O. Box 173736 Denver, CO 80217-3736	969.74	5.20%
CLASS Y		
<hr/>		
Chicago District Council Of Carpenters Pension Fund Supplemental Annuity Plan*	2,325,671.00	45.36%
Putnam Investments Profit Sharing Plan*	1,218,509.00	23.77%
The Idaho Power Company Employee Savings Plan**	638,153.00	12.45%
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Putnam Pennsylvania Tax Exempt Income Fund		
CLASS A		
<hr/>		
Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	815,461.02	5.20%
CLASS C		
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NFS LLC FEBO David W Stracener, Tod Myrna F Stracener 1566 Carousel Dr Warminster, PA 18974	11,049.21	32.30%
J.J.B. Hilliard, W.L. Lyons, Inc George P Fertenbaugh 500 West Jefferson Street Louisville, KY 40202	10,893.24	31.90%
Kim L Szoke 4827 N Cypress Rd Walnutport, PA 18088-9117	5,538.28	16.20%
Randal L Szoke 4827 N Cypress Rd Walnutport, PA 18088-9117	5,538.28	16.20%

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CLASS M

Lawrence A Dangelo & Elizabeth B Dangelo JTWROS 906 General Howe Dr West Chester, PA 19382-7106	28,034.17	11.00%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

J.J.B. Hilliard, W.L. Lyons, Inc Jill F Willcox 501 S.4th Street Louisville, KY 40202	16,718.21	6.60%
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John J Handley & Joyce A Handley Ten In Comm RR 3 Box 294-4 Dallas, PA 18612-9454	102,150.68	40.30%
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UBS Financial Services Inc. FBO Mary N Stewart Light House Point-Apt 316 500 Chapel Harbor Drive Pittsburgh, PA 15238-3144	32,422.63	12.70%
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Putnam Premier Income Trust

COMMON SHARES

Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	167,609,373.23	93.70%
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Putnam Prime Money Market Fund

CLASS A

The Putnam Companies, Inc.
One Post Office Square

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Boston, MA 02108-2106	1,091.28	100.00%
CLASS I		
<hr/>		
Band & Co C/O US Bank P.O. Box 1787 Milwaukee, WI 53201-1787	140,843,767.48	5.60%
Bear Stearns Securities Corp 1 Metrotech Ctr Brooklyn, NY 11201-3831	276,317,506.89	11.10%
Goldman Sachs Global Cash Svcs 71 S Wacker Dr Ste 500 Chicago, IL 60606-4673	508,853,807.57	20.50%
Hare & Co C/O Bank Of New York 1 Wall St Fl 3 New York, NY 10005	448,653,089.53	18.10%
Mellon Bank One Freedom Valley Drive Oaks, PA 19456	644,200,818.59	26.00%
CLASS P		
<hr/>		
The George Putnam Fund of Boston 1 Investors Way Norwood, MA 02062-1599	213,232,130.00	9.00%
Putnam Income Fund 1 Investors Way Norwood, MA 02062-1599	210,012,399.00	8.90%
Putnam Premier Income Trust 1 Investors Way Norwood, MA 02062-1599	180,912,188.00	7.70%
Putnam Master Intermediate Income Trust 1 Investors Way Norwood, MA 02062-1599	134,746,325.00	5.70%
Putnam Asset Allocation: Growth Portfolio		

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1 Investors Way Norwood, MA 02062-1599	122,418,253.00	5.20%
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J-16

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Prime Money Market Fund, continued

CLASS P

Putnam Asset Allocation:

Balanced Portfolio

1 Investors Way

Norwood, MA 02062-1599	296,067,637.00	12.60%
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Putnam Asset Allocation:

Conservative Portfolio

1 Investors Way

Norwood, MA 02062-1599	117,488,972.00	5.00%
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PYXIS ABS

c/o Maples Finance Limited

P.O. Box 1039GT

Queensgate House, South Church St.

George Town, Grand Cayman

Cayman Islands	130,000,000.00	5.50%
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CLASS R

Putnam LLC

One Post Office Square

Boston, MA 02109-2106	1,084.00	100.00%
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CLASS S

Putnam LLC

One Post Office Square

Boston, MA 02109-2106	1,095.00	100.00%
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Putnam Research Fund

CLASS A

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Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,421,284.12	11.60%
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CLASS B

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	686,594.71	5.30%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	97,808.65	5.10%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	112,741.37	5.90%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	66,473.96	8.30%
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CLASS R

Transamerica Life Insurance Company 1150 S Olive St Los Angeles, CA 90015-2209	11,311.54	78.40%
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CLASS Y

Marsh & McLennan Supplemental Retirement Plan**	2,394,507.00	51.61%
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Ardent Health Services**	1,313,185.00	28.30%
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Putnam Investments Profit Sharing Plan*	415,217.00	8.95%
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Lovelace Pension Plan**	283,713.00	6.11%
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Putnam RetirementReady 2010 Fund

CLASS A

The TXI Inc. Retirement Plan**	133,899.00	17.38%
Radio Shack 401(K) Plan**	111,288.00	14.45%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS B

First Baptist Church Of West 13350 Maxella Ave Unit 3 Marina DI Rey, CA 90292	608.17	13.10%
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USD LLC 1415 Franklin Ave River Forest, IL 60305	342.16	7.40%
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Unified School District 409 17727 286th Rd Atchison, KS 66002	1,206.78	26.10%
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Cheryl S. Smith 435 E Shoreline Dr North Augusta, SC 29841	245.67	5.30%
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Hua Hsing Wei 9146 Emperor Ave San Gabriel, CA 91775	281.20	6.10%
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LPL Financial Services 9785 Towne Centre Dr San Diego, CA 92121	465.12	10.00%
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CLASS C

Mark J Ruthenberg 1001 N Stockton Hill Rd Apt B Kingman, AZ 86401	124.17	11.20%
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Shin Nan Ho 14321 Don Julian Rd City Industry, CA 91746	123.48	11.20%
Nancy A. Smith 49 E 27th Cir Fayetteville, AR 72701	65.41	5.90%
City Of Taunton 75 Bayview Ave Berkley, MA 02779	389.62	35.30%
Peggy J. Ward 8609 Jenner Ln S Cottage Grove, MN 55016	75.13	6.80%
Midland Schools 913 Country Club Dr Maquoketa, IA 52060	59.84	5.40%

CLASS M

California State University 1205 Riverside Dr Fullerton, CA 92831	130.56	5.30%
Dora G. Cota 2109 Hillcrest St Carlsbad, NM 88220	177.50	7.30%
Midland Schools 913 Country Club Dr Maquoketa, IA 52060	738.41	30.50%
Sarah A. Dobroth P.O. Box 368 Grover Beach, CA 93483	187.25	7.70%

CLASS R

MG Trust Company Cust 700 17th St Ste 300 Denver, CO 80202-3531	930.79	24.10%
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MG Trust Company Trustee

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700 17th St Ste 300 Denver, CO 80202-3531	1,211.73	31.40%
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Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	359.25	9.30%
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J-17

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam RetirementReady 2010 Fund, continued

CLASS A

Union Bank Tr Nominee FBO its Customers P.O. Box 85484 San Diego, CA 92186-5484	1,282.29	33.30%
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CLASS Y

Quebecor World (USA) Inc. 401(K) Plan**	114,297.00	22.30%
First Hawaiian Future Plan**	104,803.00	20.45%
Ardent Health Services**	55,186.00	10.77%
Genlyte Thomas Group Retirement Savings And Investment Plan**	44,503.00	8.68%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	40,291.00	7.86%
National Waterworks, Inc. Retirement Savings Plan**	30,781.00	6.01%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	28,787.00	5.62%
Church & Dwight Co., Inc.**	33,110.00	6.46%

Putnam RetirementReady 2015 Fund

CLASS A

Asbestos Workers Local No. 6*	247,961.00	18.01%
Radio Shack 401(K) Plan**	195,899.00	14.23%
The TXI Inc. Retirement Plan**	106,907.00	7.76%

CLASS B

Dean C. Holmquist
1255 Brighton Sq

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Saint Paul, MN 55112 HSBC Securities (USA) Inc. 452 Fifth Avenue New York, NY 10018 NFS LLC FEBO its Customers 77 Rocky Rd E Harwinton, CT 06791 Pershing LLC P.O. Box 2052 Jersey City, NJ 07303-9998	608.81 890.86 763.62 2,545.03	5.50% 8.10% 7.00% 23.30%
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CLASS C

Kathy W. Rodgers 127 Township Road 1266 Proctorville, OH 45669	1,119.34	31.40%
James Schall 9396 Jonathan Rd Woodbury, MN 55125	235.27	6.60%
Judy A. Schall 9396 Jonathan Rd Woodbury, MN 55125 Ann Dobroth P.O. Box 368 Grover Beach, CA 93483	235.27 1,122.56	6.60% 31.50%

CLASS M

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	176.68	7.20%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

Jackie L. Hallack 10120 Arrowhead Dr Apt 7 Jacksonville, FL 32257	219.46	9.00%
Doris M. Foster 1827 Miami Ave Kingman, AZ 86401	791.00	32.60%

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Terry A. Stewart 215 Ridge Rock Rd Sedona, AZ 86351	353.45	14.50%
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Sarah A. Dobroth P.O. Box 368 Grover Beach, CA 93483	166.98	6.80%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	231.53	77.20%
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Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	22.33	7.40%
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CLASS Y

First Hawaiian Future Plan**	163,575.00	19.95%
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Quebecor World (USA) Inc. 401(K) Plan**	150,493.00	18.35%
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Church & Dwight Co., Inc.**	104,823.00	12.78%
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The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	96,333.00	11.75%
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Ardent Health Services**	92,087.00	11.23%
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Briggs & Stratton Corporation Employee Savings And Investment Plan**	53,135.00	6.47%
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Putnam RetirementReady 2020 Fund

CLASS A

Radio Shack 401(K) Plan**	233,578.00	16.12%
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The TXI Inc. Retirement Plan**	103,808.00	7.17%
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CLASS B

Patricia A. Eaton 14 Woods Ln Lancaster, MA 01523	869.70	8.10%
NFS LLC FEBO its Customers 5769 Pray St Bonita, CA 91902	586.82	5.50%
Paul H. Batchelder Ira P.O. Box 438 Drexel, MO 64742	555.90	5.20%

CLASS C

George A. Ozuna 405 Happy Trl Shavano Park, TX 78231	582.33	27.10%
Nancy A. Smith 49 E 27th Cir Fayetteville, AR 72701	141.21	6.50%
Mark E. Hall 5121 N Bank Rd Crescent City, CA 95531	331.25	15.40%
Victoria A. Skajewski 6176 Gettysburg Ave N New Hope, MN 55428	123.69	5.70%

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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam RetirementReady 2020 Fund, continued

CLASS C

Kristine Dierks 697 Blue Jay Ln Hudson, WI 54016	156.90	7.30%
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Todd Dierks 697 Blue Jay Ln Hudson, WI 54016	156.90	7.30%
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CLASS M

John J. McClary 205 E 26th St Yuma, AZ 85364	509.35	5.90%
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Margaret C. Smith 4425 Saddleback St Cocoa, FL 32927	620.04	7.20%
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Barstow Unified School District 481 McBroom Ave Barstow, CA 92311	569.17	6.60%
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Beverly R Mracek 6505 E Crumb Rd Kingman, AZ 86401-6565	1,110.77	13.00%
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Sarah A Dobroth P.O. Box 368 Grover Beach, CA 93483	555.06	6.50%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	761.14	34.40%
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Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	1,298.78	59.30%
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CLASS Y

Quebecor World (USA) Inc. 401(K) Plan**	199,833.00	24.47%
First Hawaiian Future Plan**	127,167.00	15.57%
Ardent Health Services**	107,728.00	13.19%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	80,310.00	9.83%
Church & Dwight Co., Inc.**	84,010.00	10.29%
Briggs & Stratton Corporation Employee		

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Savings And Investment Plan**	77,745.00	9.52%
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Putnam RetirementReady 2025 Fund		
CLASS A		
<hr/>		
Radio Shack 401(K) Plan**	208,704.00	20.84%
DS Waters Of America LP**	83,399.00	8.33%
The TXI Inc. Retirement Plan**	75,616.00	7.55%
CLASS B		
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Daniel L Kiskis 4968 S Ridgeside Cir Ann Arbor, MI 48105-9447	1,156.91	8.70%
LPL Financial Services 9785 Towne Centre Drive San Diego, CA 92121-1968	1,031.58	7.70%
Shareholder Name and Address	Holdings	Percentage Owned
CLASS B		
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Memorial Medical Center (IL) 2500 E Lake Shore Dr Springfield, IL 62712-5500	1,094.45	8.20%
NFS LLC FEBO its Customers 2653 Sawmill Rd Hickory Grove, SC 29717	1,570.12	11.70%
James E Rembert P.O. Box 101 Greenwood, IL 60425	698.24	5.20%
CLASS C		
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Debra F Parsons 19 Webster Ave Wheeling, WV 26003	171.05	8.80%

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George A Ozuna 405 Happy Trl Shavano Park, TX 78231	543.46	28.00%
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Muriel B Quesenberry 5105 E Camelback Loop Kingman, AZ 86409	226.62	11.60%
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Otto Eachus 805 Mason Dr Roswell, NM 88201	331.43	17.00%
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CLASS M

Barbara M Toth 2151 Chinook Dr Kingman, AZ 86401	227.11	5.40%
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Joan S Walker 2490 Avalon Ln Lk Havasu City, AZ 86404	226.03	5.40%
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Susan M Stalhut 3089 W Carmichael Rd Kingman, AZ 86413	389.39	9.40%
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Corinne C Kovacsics 3620 S Pima Dr Flagstaff, AZ 86001	338.01	8.10%
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Robyn S Allen 3815 N Melody St Kingman, AZ 86409	229.23	5.50%
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Sarah A Dobroth P.O. Box 368 Grover Beach, CA 93483	388.44	9.40%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	1,832.06	88.90%
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CLASS Y

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Quebecor World (USA) Inc. 401(K) Plan**	170,363.00	22.83%
Ardent Health Services**	107,363.00	14.39%
First Hawaiian Future Plan**	100,349.00	13.45%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	78,835.00	10.57%
Church & Dwight Co., Inc.**	60,280.00	8.08%
Kohl's Department Stores, Inc.**	43,362.00	5.81%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	47,435.00	6.36%

J-19

Shareholder Name and Address	Holdings	Percentage Owned
Putnam RetirementReady 2030 Fund		
CLASS A		
Radio Shack 401(K) Plan**	125,612.00	15.49%
DS Waters Of America LP**	68,040.00	8.39%
DR Horton, Inc. Profit Sharing Plan**	53,930.00	6.65%
CLASS B		
Hamilton Southeastern Schools 1371 Bentley Way Carmel, IN 46032	745.73	9.30%
John B Adams 40 Northeast St New Columbia, PA 17856	495.38	6.10%
Elliot Popper 4275 Congressional Dr		

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Myrtle Beach, SC 29579	601.67	7.50%
Matthew Finn 4647 Hannover Ave Saint Louis, MO 63123	410.19	5.10%
Cuzin G Inc 584 Fieldstone Ln Ballwin, MO 63011	661.07	8.20%
John F Keating 7330 Darien Ln Darien, IL 60561	777.05	9.70%
CLASS C		
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Karla J Stein 1026 Atkins St Porterville, CA 93257	123.79	21.50%
Amy Disbury 108 Miller Dr East Syracuse, NY 13057	142.60	24.80%
Randall L Case 11194 Thornberry Dr Freeland, MI 48623	43.81	7.60%
Noah R Ring 27 Kirkwood Dr Newton, PA 18940	74.61	13.00%
Michelle L Kvernmo 503 Grindstone Ln Dundas, MN 55019	64.42	11.20%
Steve Kvernmo 503 Grindstone Ln Dundas, MN 55019	75.56	13.10%
CLASS M		
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Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	9,259.38	89.20%

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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	696.77	36.20%
Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	942.41	49.30%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS Y

Quebecor World (USA) Inc. 401(K) Plan**	108,781.00	21.36%
First Hawaiian Future Plan**	91,181.00	17.91%
Ardent Health Services**	54,862.00	10.77%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	44,176.00	8.67%
Church & Dwight Co., Inc.**	43,473.00	8.54%
Kohl's Department Stores, Inc.**	38,383.00	7.54%
National Waterworks, Inc. Retirement Savings Plan**	25,958.00	5.10%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	33,259.00	6.41%

Putnam RetirementReady 2035 Fund

CLASS A

Radio Shack 401(K) Plan**	80,724.00	14.24%
DR Horton, Inc. Profit Sharing Plan**	60,399.00	10.65%
DS Waters Of America LP**	58,875.00	10.38%
ASML US Employees Savings**	33,638.00	5.94%

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CLASS B

USD LLC 1415 Franklin Ave River Forest, IL 60305	796.34	13.50%
Primevest Financial Services (FB) 400 First Street So Suite 300 St Cloud, MN 56302	314.95	5.30%
HSBC Securities (USA) Inc. 452 Fifth Avenue New York, NY 10018	751.00	12.70%
Michelle M Presby 77 Arnold Rd South China, ME 04358	359.82	6.10%
Pershing LLC P. O. Box 2052 Jersey City, NJ 07303	301.13	5.10%

CLASS C

Laura L Weber 118 Atglen St Lyndora, PA 16045	322.56	43.30%
Brian J McVay 2748 Bradfordt Dr # 316 W Melbourne, FL 32904	63.28	8.50%
Joy P Olson-McVay 2748 Bradfordt Dr # 316 W Melbourne, FL 32904	63.28	8.50%
San Diego Unified School Dist 7445 Charmant Dr Unit 1714 San Diego, CA 92122	207.29	27.90%
Karen Nixon 993 Mount View Rd Wheeling, WV 26003	64.85	8.70%

CLASS M

Mercer Trust Company

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1 Investors Way
 Norwood, MA 02062-1599 52.20 6.90%

J-20

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam RetirementReady 2035 Fund, continued

CLASS M

Mark J Ruthenberg 1001 N Stockton Hill Rd Apt B Kingman, AZ 86401	81.66	10.80%
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Daryl M Eason 12415 Pathos Ln San Diego, CA 92129	307.77	40.60%
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Otto G Eachus 805 Mason Dr Roswell, NM 88201	77.35	10.20%
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Sarah A Dobroth P.O. Box 368 Grover Beach, CA 93483	124.99	16.50%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	1,133.16	59.70%
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Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	509.23	26.90%
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CLASS Y

The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	61,117.00	18.04%
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Quebecor World (USA) Inc. 401(K) Plan**	57,305.00	16.92%
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Ardent Health Services**	43,585.00	12.87%
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Kohl's Department Stores, Inc.**	38,206.00	11.28%
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First Hawaiian Future Plan**	33,960.00	10.03%
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Church & Dwight Co., Inc.**	29,147.00	8.61%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	19,190.00	5.67%

Putnam RetirementReady 2040 Fund

CLASS A

Radio Shack 401(K) Plan**	51,303.00	13.10%
DR Horton, Inc. Profit Sharing Plan**	49,462.00	12.63%
DS Waters Of America LP**	46,559.00	11.89%

CLASS B

Jacob Hoida 1006 Hillside Cir Verona, WI 53593	203.23	6.90%
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Lauren M Hall 11941 Havermale Rd New Lebanon, OH 45345	246.52	8.40%
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Ryan Hall 11941 Havermale Rd New Lebanon, OH 45345	251.21	8.60%
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Heather M Prondzinski 19685 Near Mountain Blvd Excelsior, MN 55331	147.94	5.00%
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Joel J Klein 22102 Stonehedge St Boyd's, MD 20841	209.92	7.20%
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Mark J Funk 36022 Rimcrest Rd Freeport, MN 56331	352.29	12.00%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS B

David J Walters 583 Halverson Ct Jacksonville, FL 32225	332.50	11.40%
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Deborah L Gruneberg 825 Foxland Dr Pittsburgh, PA 15243	188.78	6.40%
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Pershing LLC P. O. Box 2052 Jersey City, NJ 07303	227.17	7.70%
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CLASS C

John P Dold 14536 55th St NE Saint Michael, MN 55376	8.21	17.50%
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Victoria D Dold 14536 55th St NE Saint Michael, MN 55376	8.21	17.50%
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Heather M Preston 17486 308th St Shafer, MN 55074	4.23	9.00%
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John R Preston 17486 308th St Shafer, MN 55074	4.23	9.00%
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Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	18.08	38.60%
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CLASS M

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	362.42	65.20%
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Mark J Ruthenberg 1001 N Stockton Hill Rd Apt B Kingman, AZ 86401	106.14	19.00%
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Tatyana T Ruthenberg 1001 N Stockton Hill Rd Apt B Kingman, AZ 86401	33.24	5.90%
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California State Univ Fullerton

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1548 E Brookdale Pl Fullerton, CA 92831	34.48	6.20%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	832.42	69.70%
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Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	204.61	17.10%
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CLASS Y

The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	27,941.00	15.63%
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Quebecor World (USA) Inc. 401(K) Plan**	27,926.00	15.62%
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First Hawaiian Future Plan**	24,743.00	13.84%
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Church & Dwight Co., Inc.**	21,180.00	11.85%
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Kohl's Department Stores, Inc.**	18,665.00	10.44%
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Ardent Health Services**	13,323.00	7.45%
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Putnam Investments Profit Sharing Plan*	11,933.00	6.68%
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Briggs & Stratton Corporation Employee Savings And Investment Plan**	12,972.00	7.26%
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J-21

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam RetirementReady 2045 Fund		
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CLASS A

Radio Shack 401(K) Plan**	46,758.00	16.26%
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DR Horton, Inc. Profit Sharing Plan**	32,299.00	11.23%
DS Waters Of America LP**	25,895.00	9.00%
ASML US Employees Savings**	16,850.00	5.86%

CLASS A

Angela L Bragg 18811 Arrowhead Ave Cleveland, OH 44119	158.74	9.60%
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Suzann K Bengé 21417 Naples St NW Elk River, MN 55330	111.22	6.70%
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Jason J Pidgeon 35 Bilodeau Pkwy Burlington, VT 05401	109.71	6.60%
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J.J.B. Hilliard, W.L. Lyons, Inc 501 S.4th Street Louisville, KY 40202	181.26	11.00%
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NFS LLC FEBO its Customers 5769 Pray St Bonita, CA 91902	236.30	14.40%
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Carmen R Grair 7905 Via Stefano Burbank, CA 91504	238.09	14.50%
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George Grair 7905 Via Stefano Burbank, CA 91504	234.59	14.30%
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CLASS C

Julie F Wilson 1014 W Orangewood Ave Phoenix, AZ 85021	30.18	19.10%
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Lyrics HQ 611 S Port St Baltimore, MD 21224	106.09	67.40%
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Precision Inc 7118 E 30th St Tucson, AZ 85710	11.54	7.30%
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CLASS M

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	84.77	98.30%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	356.87	35.20%
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Wachovia Bank Various Retirement Plans 1525 West Wt Harris Blvd Charlotte, NC 28288-1151	562.11	55.50%
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CLASS Y

First Hawaiian Future Plan**	52,299.00	32.79%
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Quebecor World (USA) Inc. 401(K) Plan**	22,785.00	14.28%
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Kohl's Department Stores, Inc.**	17,143.00	10.75%
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The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	17,071.00	10.70%
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Ardent Health Services**	10,221.00	6.41%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS Y

Church & Dwight Co., Inc.**	10,194.00	6.39%
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Briggs & Stratton Corporation Employee Savings And Investment Plan**	9,566.00	6.00%
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Putnam RetirementReady 2050 Fund

CLASS A

Radio Shack 401(K) Plan**	12,465.00	10.70%
DR Horton, Inc. Profit Sharing Plan**	9,448.00	8.11%
Western States Asbestos Workers Individual Account Plan*	7,435.00	6.38%
ASML US Employees Savings**	7,399.00	6.35%
IBEW Local 150 Supplemental Pension Fund**	7,283.00	6.25%
IBEW Local 38 401k Retirement Plan**	6,209.00	5.33%

CLASS B

Arlington Storage Corp 15 Bennett St Canisteo, NY 14823	282.67	14.30%
Derek C Kulwicki 1709 Mead Ln Moore, OK 73170	121.05	6.10%
Jia Tzong Kou 19158 Shakespeare Dr Walnut, CA 91789	221.12	11.20%
Hsuen-Ting Ho 2944 Castle Rock Rd Diamond Bar, CA 91765	240.12	12.20%
Stephen J Hoffman 3450 N Lake Shore Dr Apt 2910 Chicago, IL 60657	139.20	7.00%
NFS LLC FEBO its Customers 5769 Pray St Bonita, CA 91902	189.35	9.60%

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Brett A Beal 6800 W Fortuna St Wichita, KS 67215	183.62	9.30%
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CLASS C

Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	20.99	100.00%
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CLASS M

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	15.89	42.90%
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Putnam LLC The Putnam Companies, Inc. One Post Office Square Boston, MA 02109-2106	21.10	57.00%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	286.11	71.70%
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MG Trust Company Trustee 700 17th St Ste 300 Denver, CO 80202-3531	58.52	14.60%
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J-22

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam RetirementReady 2050 Fund		
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CLASS R

Putnam LLC The Putnam Companies, Inc.		
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One Post Office Square Boston, MA 02109-2106	21.22	5.30%
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CLASS Y

Quebecor World (USA) Inc. 401(K) Plan**	8,335.00	21.76%
Kohl's Department Stores, Inc.**	7,324.00	19.11%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	4,372.00	11.31%
Church & Dwight Co., Inc.**	4,023.00	10.50%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	3,528.00	9.21%
Genlyte Thomas Group Retirement Savings & Investment Plan**	2,466.00	6.44%
Mechanical Union Savings Trust 401(K) Plan**	2,031.00	5.30%

Putnam RetirementReady Maturity Fund

CLASS A

IBEW Local 150 Supplemental Pension Plan**	115,715.00	20.90%
The TXI Inc. Retirement Plan**	82,847.00	14.97%
Radio Shack 401(K) Plan**	44,196.00	7.98%
Roofers Local Union 33 Thrift Fund**	28,424.00	5.13%

CLASS B

Donna E Mansell 4907 Cassia St Boise, ID 83705-1907	200.63	7.30%
Mabel R Adams 2012 N 24th St Boise, ID 83702-0205	330.09	12.10%
Putnam LLC One Post Office Square Boston, MA 02109-2106	1,831.00	67.10%

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CLASS C

Donna J Fritz 336 Brook Dr Romeo, MI 48065	454.91	95.90%
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CLASS M

Mercer Trust Company 1 Investors Way Norwood, MA 02062-1599	1,371.66	84.80%
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James T Brewer Jr RR 1 Box 275 Williamstown, WV 26187	226.22	13.90%
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CLASS R

MG Trust Company Cust. FBO its Customers 700 17th St Ste 300 Denver, CO 80202-3531	1,139.17	92.30%
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CLASS Y

Quebecor World (USA) Inc. 401(K) Plan**	40,631.00	23.97%
Ardent Health Services**	29,098.00	17.17%
First Hawaiian Future Plan**	27,732.00	16.36%
Kohl's Department Stores, Inc.**	12,236.00	7.22%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS Y

National Waterworks, Inc. Retirement Savings Plan**	11,810.00	6.97%
The Canadaigua Brands, Inc. 401(K) And Profit Sharing Plan**	10,809.00	6.38%
Church & Dwight Co., Inc.**	9,170.00	5.41%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	8,625.00	5.09%

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Putnam Small Cap Growth Fund

CLASS A

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	907,310.35	5.50%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	53,444.05	5.50%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	195,992.98	20.40%
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CLASS M

Counsel Trust Co Beneco, Inc Polaris Plus Master#2 DBA Mid Atlantic Trust The Times Building 336 4th Ave St 5 Pittsburgh, PA 15222-2004	50,783.63	20.60%
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CLASS R

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	36,077.96	7.70%
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NFS LLC FEBO its Customers P.O. Box 1467 Muncie, IN 47308-1467	197,084.00	42.20%
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Hartford Life Insurance P.O. Box 2999 Hartford, CT 06104-2999	30,053.46	6.40%
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CLASS Y

Rio Tinto America Inc.**	712,571.00	48.69%
Putnam Investments Profit Sharing Plan*	409,830.00	28.01%
The Idaho Power Company Employee Savings Plan**	143,622.00	9.81%
Putnam Investments**	78,108.00	5.34%
Madison Paper Industries Savings & Investment Plan**	74,684.00	5.10%

Putnam Small Cap Value Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	2,169,386.96	6.90%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	2,690,997.11	8.60%

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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Small Cap Value Fund, continued

CLASS B

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	623,509.92	6.10%
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CLASS C

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Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	141,060.40	5.50%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	256,953.59	10.00%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	31,478.21	6.80%
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CLASS Y

Putnam Investments Profit Sharing Plan*	1,281,537.00	46.22%
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Building Service Local 32b-J Supplemental Retirement Savings Plan**	693,249.00	25.00%
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Wells Fargo Retirement Plan Services P.O. Box 1533 Minneapolis, MN 55480-1533	278,034.00	10.03%
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National Waterworks, Inc. Retirement Savings Plan*	151,927.00	5.48%
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Putnam Investments**	151,076.00	5.45%
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Putnam Tax Exempt Income Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	30,876,638.29	23.90%
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CLASS B

Citigroup Global Markets Inc
333 W 34th St

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New York, NY 10001-2402	277,981.50	6.20%
Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	372,009.70	8.30%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	300,193.65	6.70%

CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	71,982.36	7.20%
Primevest Financial Services (FBO its Customers) D Emil Mihelich 400 First Street So Suite 300, P.O. Box 283 St Cloud, MN 56302	101,479.59	10.10%
MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	64,025.57	6.40%

Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	173,190.65	30.40%
L & F Investments Ltd Partnership 4121 N 64th Pl Scottsdale, AZ 85251-3109	35,682.27	6.20%

Putnam Tax-Free Health Care Fund

COMMON SHARES

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Cede & Co Fast 20 Bowling Green New York, NY 10004-1408	12,555,870.01	93.40%
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Putnam Tax-Free High Yield Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	16,753,981.04	17.10%
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CLASS B

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	549,009.80	5.20%
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Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	1,080,532.92	10.20%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	852,599.63	8.10%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	92,928.50	5.90%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	257,601.66	16.30%
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CLASS M

Edward D Jones & Co 201 Progress Pkwy		
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Maryland Hts, MO 63043-3003	184,128.53	20.90%
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Pershing LLC
P.O. Box 2052

Jersey City, NJ 07303-9998	46,702.74	5.30%
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Putnam Tax Smart Equity Fund®

CLASS A

Edward D Jones & Co
201 Progress Pkwy

Maryland Hts, MO 63043-3003	907,628.06	7.60%
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CLASS B

MLPF&S For The Sole Benefit
Of Its Customers

4800 Deer Lake Dr E Fl 3

Jacksonville, FL 32246-6484	651,291.80	8.00%
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J-24

**Shareholder Name
and Address**

Holdings

**Percentage
Owned**

Putnam Tax Smart Equity Fund®, continued

CLASS C

MLPF&S For The Sole Benefit
Of Its Customers

4800 Deer Lake Dr E Fl 3

Jacksonville, FL 32246-6484	375,163.05	13.20%
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CLASS M

Pershing LLC
P.O. Box 2052

Jersey City, NJ 07303-9998	18,250.27	5.40%
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Stephen M Schwartz &

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Valerie B Schwartz JTWROS 5922 New England Woods Dr Burke, VA 22015-2910	24,917.95	7.40%
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Putnam U.S. Government Income Trust

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	3,956,317.55	5.00%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	110,884.74	9.70%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	136,312.66	12.00%
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CLASS M

Mitsubishi UFJ Securities Co Ltd Marunouchi Building 2-4-1 Marunouchi Chiyoda-Ku Tokyo 100-6317 Japan	1,866,450.00	82.00%
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CLASS R

MG Trust Company Cust its Customers 700 17th St Ste 300 Denver, CO 80202-3531	13,417.41	31.20%
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MG Trust Company As Agent For its Customers 700 17th St Ste 300 Denver, CO 80202-3531	7,611.00	17.60%
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MG Trust Company Cust. FBO
its Customers

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700 17th St Ste 300 Denver, CO 80202-3531	4,797.29	11.00%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	5,988.60	13.90%
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CLASS Y

Putnam Investments Profit Sharing Plan*	137,549.00	40.55%
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Ann M. Gray 6031 Dundee Dr. Huntington Beach, CA 92647-2408	18,245.00	5.30%
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Putnam Utilities Growth and Income Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	5,155,422.56	12.90%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS M

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	32,483.05	12.80%
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CLASS R

MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	14,029.30	52.00%
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MG Trust Company As Agent For its Customers 700 17th St Ste 300 Denver, CO 80202-3531	1,681.50	6.20%
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MG Trust Company Cust. FBO
its Customers

700 17th St Ste 300

Denver, CO 80202-3531

6,442.95

23.60%

CLASS Y

Putnam Investments Profit Sharing Plan*

197,634.00

66.22%

Putnam Vista Fund

CLASS A

Edward D Jones & Co

201 Progress Pkwy

Maryland Hts, MO 63043-3003

8,023,595.74

5.20%

CLASS M

Fleet Bank

Automotive Supply Assn PSP

P.O. Box 105779

Atlanta, GA 30348-5779

132,469.58

5.00%

CLASS R

MG Trust Company Cust. FBO
its Customers

700 17th St Ste 300

Denver, CO 80202-3531

43,154.41

24.60%

MG Trust Custodian

700 17th St Ste 300

Denver, CO 80202-3531

14,403.07

8.30%

Reliance Trust Company

P.O. Box 48529

Atlanta, GA 30362-1529

37,940.50

21.90%

CLASS Y

Emerson Electric Co. Employee

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Savings Investment Plan**	5,169,331.00	32.05%
First Hawaiian Future Plan**	2,445,542.00	15.16%
Putnam Investments Profit Sharing Plan*	1,481,125.00	9.18%
Briggs & Stratton Corporation Employee Savings And Investment Plan**	1,323,347.00	8.21%
Arch Coal, Inc. Employee Thrift Plan**	887,439.00	5.50%

Putnam Voyager Fund

CLASS A

Edward D Jones & Co 201 Progress Pkwy Maryland Hts, MO 63043-3003	22,243,919.17	7.50%
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CLASS C

Citigroup Global Markets Inc 333 W 34th St New York, NY 10001-2402	204,537.43	5.20%
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J-25

Shareholder Name and Address	Holdings	Percentage Owned
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Putnam Voyager Fund, continued

CLASS C

MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	204,628.07	5.20%
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CLASS M

Edward D Jones & Co

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201 Progress Pkwy Maryland Hts, MO 63043-3003	256,465.11	7.80%
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CLASS R

MG Trust Company 700 17th St Ste 300 Denver, CO 80202-3531	20,045.72	17.70%
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MG Trust Custodian 700 17th St Ste 300 Denver, CO 80202-3531	6,993.56	6.10%
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Transamerica Life Insurance Company 1150 S Olive St #T-04-05 Los Angeles, CA 90015-2209	14,093.23	12.40%
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MLPF&S For The Sole Benefit Of Its Customers 4800 Deer Lake Dr E Fl 3 Jacksonville, FL 32246-6484	6,503.48	5.70%
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Hartford Life Insurance P.O. Box 2999 Hartford, CT 06104-2999	18,469.20	16.30%
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CLASS Y

Abbott Laboratories Stock Retirement Programs**	10,842,670.00	14.13%
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Putnam VT American Government Income Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	7,095,432.48	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd		
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Northbrook, IL 60062-7155	4,281,106.32	75.70%
Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	499,514.31	8.80%
Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	868,585.45	15.30%

Putnam VT Capital Appreciation Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	2,930,173.61	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	1,726,037.05	73.40%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS IB

Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	118,800.72	5.00%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	504,295.33	21.40%
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Putnam VT Capital Opportunities Fund

CLASS IA

Hartford Life & Annuity

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P.O. Box 2999 Hartford, CT 06104-2999	929,191.01	59.20%
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Hartford Life Ins Co P.O. Box 2999 Hartford, CT 06104-2999	633,586.46	40.40%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	523,752.08	40.80%
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Hartford Life & Annuity P.O. Box 2999 Hartford, CT 06104-2999	604,728.32	47.10%
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Hartford Life Ins Co P.O. Box 2999 Hartford, CT 06104-2999	112,199.39	8.70%
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Putnam VT Discovery Growth Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	1,866,144.84	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	2,709,136.37	64.70%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	565,328.43	13.50%
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Putnam VT Diversified Income Fund

CLASS IA

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Hartford Life
P.O. Box 2999
Hartford, CT 06104-2999 31,786,088.62 98.90%

CLASS IB

Allstate Life Insurance Co
3100 Sanders Rd
Northbrook, IL 60062-7155 9,252,018.14 42.30%

Hartford Life
P.O. Box 2999
Hartford, CT 06104-2999 9,728,774.18 44.50%

Putnam VT Equity Income Fund

CLASS IA

Hartford Life & Annuity
P.O. Box 2999
Hartford, CT 06104-2999 5,568,157.55 67.40%

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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT Equity Income Fund, continued

CLASS IA

Hartford Life Ins Co
P.O. Box 2999
Hartford, CT 06104-2999 2,655,979.74 32.10%

CLASS IB

Allstate Life Insurance Co
3100 Sanders Rd
Northbrook, IL 60062-7155 2,347,623.60 32.80%

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Metlife Investors VA 501 Boylston St Boston MA 02116-3769	2,546,924.91	35.60%
Hartford Life & Annuity P.O. Box 2999 Hartford, CT 06104-2999	1,406,503.15	19.60%
Hartford Life Ins Co P.O. Box 2999 Hartford, CT 06104-2999	442,979.99	6.20%

Putnam VT The George Putnam Fund of Boston

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	24,806,333.40	99.40%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	16,668,306.31	72.70%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	1,315,271.52	5.70%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	4,599,069.08	20.00%
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Putnam VT Global Asset Allocation Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	18,225,157.29	98.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	3,173,145.26	58.30%
Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	569,536.83	10.40%
Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	1,693,534.83	31.10%

Putnam VT Global Equity Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	37,660,012.16	99.60%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	4,301,492.52	76.10%
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Shareholder Name and Address	Holdings	Percentage Owned
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CLASS IB

Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	481,250.24	8.50%
Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	542,610.58	9.60%

Putnam VT Growth and Income Fund

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CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	107,637,933.52	98.60%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	17,407,811.89	66.00%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	1,585,431.39	6.00%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	3,328,817.82	12.60%
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Putnam VT Growth Opportunities Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	3,952,666.76	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	3,878,869.41	70.90%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	357,054.31	6.50%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	949,158.01	17.30%
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Putnam VT Health Sciences Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	8,181,821.52	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	4,828,255.40	43.40%
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AXP IDS Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	3,929,863.12	35.30%
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Lincoln National Variable 1300 S Clinton St Fort Wayne, IN 46802-3506	786,419.64	7.00%
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Putnam VT High Yield Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	43,456,956.56	82.00%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT High Yield Fund, continued

CLASS IA

CUNA Mutual Life Insurance Co 2000 Heritage Way Waverly, IA 50677-9208	8,691,424.97	16.40%
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CLASS IB

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	3,627,322.55	16.90%
AXP IDS Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	2,491,401.07	11.60%
Lincoln Benefit Life Co C/O Allstate Financial 544 Lakeview Pkwy Vernon Hills IL 60061-1826	1,357,559.62	6.30%
Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	12,322,599.94	57.50%

Putnam VT High Yield Fund, continued

CLASS IB

Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	1,312,486.28	6.10%
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Putnam VT Income Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	32,773,774.96	97.50%
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CLASS IB

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	4,530,096.55	19.00%
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Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	16,894,536.26	71.10%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	2,241,264.54	9.40%
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Putnam VT International Equity Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	19,447,896.83	99.80%
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CLASS IB

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	11,402,974.62	27.30%
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AXP IDS Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	5,231,867.88	12.50%
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Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	11,886,913.92	28.50%
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Allstate Northbrook Life 3100 Sanders Rd Northbrook, IL 60062-7155	4,105,117.21	9.80%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT International Growth and Income Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	15,814,893.10	95.60%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	3,808,317.76	54.20%
Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	1,314,029.50	18.70%
Lincoln Benefit Life Co C/O Allstate Financial 544 Lakeview Pkwy Vernon Hills, IL 60061-1826	729,606.45	10.30%

Putnam VT International New Opportunities Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	6,285,900.99	99.80%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	2,165,990.45	23.80%
AXP IDS Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	6,191,223.39	68.00%

Putnam VT Investors Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	20,456,346.18	99.90%
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CLASS IB

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	3,745,382.96	19.60%
Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	13,883,552.60	72.90%
Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	1,376,807.94	7.20%

Putnam VT Mid Cap Value Fund

CLASS IA

Hartford Life & Annuity P.O. Box 2999 Hartford, CT 06104-2999	2,024,253.98	56.60%
Hartford Life Ins Co P.O. Box 2999 Hartford, CT 06104-2999	1,547,171.85	43.30%

CLASS IB

Hartford Life & Annuity P.O. Box 2999 Hartford, CT 06104-2999	348,537.24	19.80%
Hartford Life Ins Co P.O. Box 2999 Hartford, CT 06104-2999	207,352.73	11.70%

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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT Mid Cap Value Fund, continued

CLASS IB

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Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	1,122,580.12	63.80%
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Putnam VT Money Market Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	194,520,160.61	97.50%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	150,296,267.08	77.70%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	24,911,354.44	12.80%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	10,698,882.56	5.50%
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Putnam VT New Opportunities Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	32,765,721.51	60.10%
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AXP IDS Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	19,772,338.10	36.20%
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CLASS IB

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Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	5,310,476.30	74.70%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	521,107.21	7.30%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	1,221,581.28	17.10%
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Putnam VT New Value Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	20,164,202.43	99.20%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	10,883,868.73	67.60%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	898,100.01	5.50%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	3,365,490.29	20.90%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT OTC & Emerging Growth Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	5,314,658.57	92.10%
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Hartford Life Ins Co P.O. Box 2999 Hartford, CT 06104-2999	453,137.81	7.80%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	4,036,520.76	83.60%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	302,544.67	6.20%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	489,219.28	10.10%
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Putnam VT Research Fund
CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	5,354,857.10	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	6,291,983.53	80.60%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	481,755.55	6.10%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	975,410.91	12.50%
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Putnam VT Small Cap Value Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	9,951,766.86	100.00%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	4,634,579.30	15.30%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	7,784,427.24	25.70%
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AXP American Enterprise Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	1,725,242.87	5.70%
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Metlife Insurance Company 1 City Pl Hartford, CT 06103-3432	9,228,161.40	30.50%
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Metlife Life And Annuity Company 1 City Pl Hartford, CT 06103-3432	2,995,260.97	9.90%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT Small Cap Value Fund, continued

CLASS IB

Northbrook Life Insurance Co 3100 Sanders Rd Ste K4A Northbrook, IL 60062-7155	1,945,337.16	6.40%
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Putnam VT Utilities Growth and Income Fund

CLASS IA

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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	17,603,657.85	99.90%
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CLASS IB

Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	2,808,555.23	81.30%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	303,108.69	8.70%
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Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	340,853.63	9.80%
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Putnam VT Vista Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	11,572,456.79	97.10%
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CLASS IB

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	1,216,012.88	7.70%
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Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	5,791,881.79	37.00%
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AXP American Enterprise Life 1497 AXP Financial Ctr Minneapolis, MN 55474-0014	822,661.46	5.20%
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AXP IDS Life 1497 AXP Financial Ctr		
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Minneapolis, MN 55474-0014	6,491,044.81	41.50%
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Shareholder Name and Address	Holdings	Percentage Owned
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Putnam VT Voyager Fund

CLASS IA

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	45,527,624.87	99.20%
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CLASS IB

Hartford Life P.O. Box 2999 Hartford, CT 06104-2999	1,785,382.20	13.00%
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Allstate Life Insurance Co 3100 Sanders Rd Northbrook, IL 60062-7155	8,977,114.04	65.80%
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Allstate Life Of NY 3100 Sanders Rd Northbrook, IL 60062-7155	703,036.17	5.10%
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Allstate Northbrook Life 3100 Sanders Rd Northbrook, IL 60062-7155	832,192.61	6.10%
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Principal Financial Group PFLX 711 High St Des Moines, IA 50392-0001	840,714.88	6.10%
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* The address for the name listed is: c/o Putnam Fiduciary Trust Company, as trustee or agent, One Post Office Square, Boston, MA 02109.

** The address for the name listed is: c/o Mercer Trust Company, as trustee or agent, Investor²s Way, Norwood, MA 02062.

*** The address for the name listed is: c/o Putnam Fiduciary Trust Company, as service provider, One Post Office Square, Boston, MA 02109.

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In addition to the holdings information listed above for the Putnam closed-end funds, as of February 9, 2007, to the knowledge of the funds, the following additional persons owned beneficially or of record more than 5% of the common shares of certain Putnam closed-end funds.

Fund	Shareholder Name and Address	Holdings	Percentage Owned
Putnam High Income Securities Fund	Wachovia Corporation One Wachovia Center Charlotte, NC 28288-0137	1,153,575.00	5.12% ¹
Putnam High Income Securities Fund	First Trust Portfolios L.P., First Trust Advisors L.P., and The Charger Corporation 1001 Warrenville Road Lisle, IL 60532	1,189,605.00	5.30% ²
Putnam High Yield Municipal Trust	Roumell Asset Management, LLC 2 Wisconsin Circle, Suite 660 Chevy Chase, MD 20815	1,281,699.00	5.98% ³
Putnam Investment Grade Municipal Trust	Karpus Management, Inc., d/b/a Karpus Investment Management 183 Sully's Trail Pittsford, NY 14534	1,515,280.00	7.27% ⁴
Putnam Master Intermediate Income Trust	Wachovia Corporation One Wachovia Center Charlotte, NC 28288-0137	5,280,935.67	5.73% ⁵
Putnam Municipal Opportunities Trust	First Trust Portfolios L.P., First Trust Advisors L.P., and The Charger Corporation 1001 Warrenville Road Lisle, IL 60532	965,099.00	6.10% ⁶
Putnam New York Investment Grade Municipal Trust	Karpus Management, Inc., d/b/a Karpus Investment Management 183 Sully's Trail Pittsford, NY 14534	308,665.00	11.21% ⁷
Putnam Tax-Free Health Care Fund	Bulldog Investors General Partnership 60 Heritage Drive Pleasantville, NY 10570	1,384,487.00	10.21% ⁸

¹ Based on information obtained from a Schedule 13G filed with the Securities and Exchange Commission on February 6, 2007.

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² Based on information obtained from a Schedule 13G filed with the Securities and Exchange Commission on February 9, 2006.

³ Based on information obtained from a Schedule 13D filed with the Securities and Exchange Commission on December 29, 2006. The 1,281,699 shares are deemed to be owned beneficially by Roumell Asset Management, LLC solely as a result of its discretionary power over such shares as investment adviser. In addition, James C. Roumell and Deborah Billet-Roumell have beneficial ownership of 4,700 shares of common stock, representing less than 1% of outstanding shares.

⁴ Based on information obtained from a Schedule 13D/A filed with the Securities and Exchange Commission on February 9, 2007. Shares reported may include shares owned by certain affiliates of Karpus Investment Management.

⁵ Based on information obtained from a Schedule 13G filed with the Securities and Exchange Commission on February 6, 2007.

⁶ Based on information obtained from a Schedule 13G filed with the Securities and Exchange Commission on January 26, 2007.

⁷ Based on information obtained from a Schedule 13D/A filed with the Securities and Exchange Commission on February 9, 2007. As of March 6, 2007, Karpus Investment Management owned 326,615 common shares of the fund, representing 11.77% of outstanding common shares (based on information obtained from a Schedule 13D/A filed with the Securities and Exchange Commission on March 6, 2007). Shares reported may include shares owned by certain affiliates of Karpus Investment Management.

⁸ Based on information obtained from a Schedule 13D/A filed with the Securities and Exchange Commission on November 21, 2006; includes beneficial ownership of shares owned by Opportunity Income Plus L.P., Andrew Dakos, and Phillip Goldstein.

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APPENDIX K

Security Ownership

The following tables set forth for each Trustee, and for the Trustees and officers as a group, the amount of equity securities owned in each Putnam fund as of February 9, 2007 (except as otherwise indicated). Where the number of shares beneficially owned exceeds 1% of the class owned, the percentage is included in parentheses below. None of the Trustees or officers owned shares of Putnam RetirementReady 2030 Fund, Putnam RetirementReady 2035 Fund, Putnam RetirementReady 2040 Fund, Putnam RetirementReady 2050 Fund, Putnam RetirementReady Maturity Fund, Putnam VT Health Sciences Fund, Putnam VT Money Market Fund, or Putnam VT Utilities Growth and Income Fund as of that date. Additional ownership information for the funds that are series of Putnam Variable Trust is shown separately at the end of this Appendix J.

Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned	
	Putnam American Government Income Fund		Putnam AMT-Free Insured Municipal Fund		Putnam Arizona Tax Exempt Income Fund		Putnam Asset Allocation: Balanced Portfolio	
	Class A	Class Y	Class A	Class A	Class A	Class A	Class Y	
John A. Hill	13,823.002	□	187.630	215.206	373,492.363	□		
Jameson Adkins Baxter	404.423	□	532.513	178.937	13,578.820	□		
Charles B. Curtis	122.983	□	131.409	127.887	117.321	□		

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Myra R. Drucker	107.777	□	110.796	110.369	103.753	□
Charles E. Haldeman, Jr.	1,277.084	□	786.056	1,274.400	1,519.211	□
Paul L. Joskow	1,460.590	□	150.413	159.633	21,997.748	□
Elizabeth T. Kennan	132.454	□	111.710	111.880	349.248	□
Kenneth R. Leibler	100.951	□	101.337	101.154	100.455	□
Robert E. Patterson	2,058.733	□	111.804	111.597	1,170.508	□
George Putnam, III	3,074.922	□	808.167	1,245.684	2,954.054	□
W. Thomas Stephens	318.728	□	158.418	152.442	43,361.340	□
Richard B. Worley	107.777	□	110.601	110.121	103.753	□
Trustees and Officers as a group	22,989.424	10,630.749 (1.01%)	3,300.854	3,899.310	458,848.574	13,129.392

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Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned
	Putnam Asset Allocation: Conservative Portfolio	Putnam Asset Allocation: Growth Portfolio	Putnam Asset Allocation: Growth Portfolio	Putnam California Investment Grade Municipal Trust	Common
	Class A	Class Y	Class A	Class Y	Common
John A. Hill	111,994.998	□	6,209.773	□	224.59
Jameson Adkins Baxter	1,228.577	□	21,262.989	□	188.70
Charles B. Curtis	14,097.461	□	116.151	□	117.77
Myra R. Drucker	106.957	□	5,278.448	□	109.06
Charles E. Haldeman, Jr.	537,246.818 (1.13%)	□	1,045.575	□	243.00

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Paul L. Joskow	248.471	□	1,080.277	□	100.00
Elizabeth T. Kennan	346.043	□	2,060.923	□	201.33
Kenneth R. Leibler	100.772	□	100.570	□	100.00
Robert E. Patterson	1,234.123	□	2,246.213	□	100.00
George Putnam, III	4,537.829	□	25,641.662	□	1,100.00
W. Thomas Stephens	5,056.591	□	102.567	□	100.00
Richard B. Worley	106.957	□	102.567	□	102.96
Trustees and Officers as a group	676,305.597 (1.42%)	323.931	71,164.731	54,970.239	2,687.43

Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Putnam Equity
	Putnam Capital Appreciation Fund		Putnam Capital Opportunities Fund		
	Class A	Class Y	Class A	Class Y	
John A. Hill	8,246.533	□	18,783.858	□	14,469.49
Jameson Adkins Baxter	313.753	□	□	□	4,895.53
Charles B. Curtis	103.245	□	140.848	□	110.58
Myra R. Drucker	100.414	□	132.315	□	102.80
Charles E. Haldeman, Jr.	654.057	□	1,318.134	□	
Paul L. Joskow	605.292	□	242.941	□	2,410.81
Elizabeth T. Kennan	252.970	□	1,461.152	□	197.64
Kenneth R. Leibler	100.000	□	112.703	□	100.59
Robert E. Patterson	484.635	□	2,010.019	□	708.45
George Putnam, III	1,243.373	□	1,577.716	□	6,509.54

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W. Thomas Stephens	137.950	□	132.315	□	148.11
Richard B. Worley	100.414	□	132.315	□	102.80
Trustees and Officers as a group	12,442.123	7,753.123 (2.46%)	35,109.626	10,238.954	29,756.40

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Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned	
	Putnam Convertible Income-Growth Trust		Putnam Discovery Growth Fund		Putnam Diversified Income Trust	
	Class A	Class Y	Class A	Class Y	Class A	Class Y
John A. Hill	32,061.700	□	2,303.388	□	1,953.567	□
Jameson Adkins Baxter	7,969.065	□	7,048.603	□	1,128.750	□
Charles B. Curtis	124.126	□	199.733	□	248.125	□
Myra R. Drucker	107.759	□	100.000	□	115.849	□
Charles E. Haldeman, Jr.	904.871	□	696.286	□	□	32,011.123
Paul L. Joskow	686.473	□	360.285	□	387.474	□
Elizabeth T. Kennan	1,071.157	□	113.856	□	750.000	□
Kenneth R. Leibler	100.678	□	100.000	□	101.360	□
Robert E. Patterson	3,485.678	□	799.281	□	1,404.333	□
George Putnam, III	13,051.715	□	2,101.545	□	5,434.823	□
W. Thomas Stephens	208.558	□	208.686	□	349.475	□
Richard B. Worley	106.899	□	100.000	□	115.849	□
Trustees and Officers as a group	61,086.152	19,890.021 (1.59%)	14,837.343	3,384.176	11,989.605	40,200.000 (2.46%)

Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned	
	Putnam Equity Income Fund		Putnam Europe Equity Fund		Putnam Floating Rate Income Fund	
	Class A	Class Y	Class A	Class Y	Class A	Class Y
John A. Hill	13,569.172	□	523.756	□	549,196.252 (1.62%)	
Jameson Adkins Baxter	3,390.567	□	2,290.402	□	2,200.690	
Charles B. Curtis	136.833	□	109.809	□	107.284	
Myra R. Drucker	125.419	□	104.751	□	112.041	
Charles E. Haldeman, Jr.	1,049.823	3,551.283	743.434	□	1,150.494	
Paul L. Joskow	8,180.125	□	489.440	□	9,503.469	
Elizabeth T. Kennan	359.837	□	542.203	□	105.439	
Kenneth R. Leibler	112.173	□	102.172	□	101.707	
Robert E. Patterson	1,650.075	□	2,033.819	□	1,069.397	
George Putnam, III	8,415.606	□	977.920	□	3,849.695	
W. Thomas Stephens	191.040	□	140.795	□	134,975.747	
Richard B. Worley	125.002	□	104.751	□	111.850	
Trustees and Officers as a group	46,071.331	12,890.841	8,623.288	280.283	702,484.065 (2.07%)	66,833.19 (19.6%)

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Trustees	Shares Beneficially Owned	Shares Beneficially Owned
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	The Putnam Fund for Growth and Income		The George Putnam Fund of Boston		
	Class A	Class Y	Class A	Class Y	
John A. Hill	11,786.523	□	25,757.193	□	5
Jameson Adkins Baxter	16,850.506	□	11,742.687	□	9
Charles B. Curtis	130.983	□	293.279	□	
Myra R. Drucker	118.625	□	117.435	□	
Charles E. Haldeman, Jr.	972.775	□	738.172	□	
Paul L. Joskow	8,802.201	□	1,994.013	□	
Elizabeth T. Kennan	285.325	□	1,442.227	□	4
Kenneth R. Leibler	113.330	□	109.686	□	
Robert E. Patterson	602.556	□	1,254.030	□	14
George Putnam, III	36,058.016	□	12,879.370	□	31
W. Thomas Stephens	188.904	□	301.759	□	
Richard B. Worley	118.625	□	117.435	□	
Trustees and Officers as a group	76,065.887	19,172.389	58,169.654	4,583.433	117,
Trustees	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	
	Putnam Global Income Trust	Putnam Global Natural Resources Fund	Putnam Growth Opportunities Fund		

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	Class A	Class A	Class Y	Class A	Class
John A. Hill	154.607	8,768.918	□	2,538.040	4
Jameson Adkins Baxter	159.620	1,008.625	□	479.604	
Charles B. Curtis	134.289	160.312	□	105.939	
Myra R. Drucker	111.402	141.232	□	100.867	
Charles E. Haldeman, Jr.	967.131	661.434	□	890.000	3,977.8
Paul L. Joskow	184.791	174.550	□	840.579	
Elizabeth T. Kennan	350.369	1,137.652	□	100.867	
Kenneth R. Leibler	100.969	112.147	□	100.000	
Robert E. Patterson	810.440	390.728	□	2,146.569	
George Putnam, III	3,871.242	1,714.971	□	2,785.949	2
W. Thomas Stephens	168.477	211.480	□	101.894	
Richard B. Worley	111.170	141.232	□	100.867	
Trustees and Officers as a group	7,124.507	14,623.281	5,054.012 (1.05%)	10,373.246	3,977.9

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Trustees	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned
	Putnam High Income Securities Fund	Putnam High Yield Advantage Fund	Putnam High Yield Municipal Trust	Putnam High Yield Trust	Class
	Common	Class A	Class Y	Common	Class A
John A. Hill	86,341.603	448.064	□	223.227	3,247.157
Jameson Adkins Baxter	1,619.792	2,625.395	□	203.997	21,036.989

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Charles B. Curtis	395.447	163.381	□	115.649	450.564	
Myra R. Drucker	361.503	117.953	□	106.505	242.777	
Charles E. Haldeman, Jr.	841.000	364.706	□	500.000	2,059.289	
Paul L. Joskow	334.178	3,766.751	□	100.000	7,105.469	
Elizabeth T. Kennan	451.380	519.984	□	201.315	931.284	
Kenneth R. Leibler	100.000	102.258	□	100.000	101.832	
Robert E. Patterson	1,084.356	9,231.793	□	300.000	7,182.140	
George Putnam, III	1,670.000	3,550.811	□	2,100.000	24,842.086	
W. Thomas Stephens	334.178	240.281	□	100.000	663.835	
Richard B. Worley	337.591	117.953	□	100.889	235.868	
Trustees and Officers as a group	93,871.028	21,249.330	358.933	4,151.582	68,515.481	15,976.86

Trustees	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned		
	Putnam Income Fund	Putnam Income Strategies Fund	Putnam International Capital Opportunities Fund	Putnam International Equity Fund	Class A Y	Class A
John A. Hill	19,337.397	25,142.622 (2.26%)	9,678.404	□	23,622.060	
Jameson Adkins Baxter	4,201.791	5,175.344	6,710.478	□	9,770.372	
Charles B. Curtis	128.161	105.993	111.068	□	220.229	
Myra R. Drucker	109.159	105.683	104.977	□	110.651	
Charles E. Haldeman, Jr.	2,328.993	203.425	745.715	□	746.663	

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Paul L. Joskow	218.357	503.803	426.876	□	6,666.243
Elizabeth T. Kennan	369.677	546.217	1,652.780	□	2,409.760
Kenneth R. Leibler	101.164	101.568	102.024	□	106.953
Robert E. Patterson	1,538.650	1,010.337	1,829.646	□	4,032.718
George Putnam, III	6,272.696	3,022.820	1,168.739	□	3,320.198
W. Thomas Stephens	161.461	105.993	125.616	□	198.180
Richard B. Worley	109.159	□	104.977	□	110.651
Trustees and Officers as a group	34,876.665	36,023.805 (3.24%)	22,768,500.540		68,535.121 9,585.55

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Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned
	Putnam International Growth and Income Fund		Putnam International New Opportunities Fund		Putnam Investment Grade Municipal Trust
	Class A	Class Y	Class A	Class Y	Common
John A. Hill	5,702.890	□	1,279.259	□	225.24
Jameson Adkins Baxter	4,974.728	□	2,538.625	□	212.40
Charles B. Curtis	117.918	□	104.533	□	119.33
Myra R. Drucker	112.265	□	102.316	□	106.12
Charles E. Haldeman, Jr.	1,614.759	□	1,075.395	□	330.00
Paul L. Joskow	849.299	□	1,417.629	□	100.00
Elizabeth T. Kennan	728.007	□	202.289	□	109.01
Kenneth R. Leibler	110.097	□	100.444	□	100.00

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Robert E. Patterson	6,209.416	□	3,957.003	□	300.00
George Putnam, III	2,490.577	□	7,173.199	□	1,500.00
W. Thomas Stephens	167.302	□	151.442	□	180.67
Richard B. Worley	112.265	□	102.316	□	100.82
Trustees and Officers as a group	23,316.587	3,177.074	18,972.767	14,264.833 (1.33%)	3,383.61

Trustees	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned
	Putnam Limited Duration Government Income Fund	Putnam Managed Municipal Income Trust	Putnam Massachusetts Tax Exempt Income Fund	Putnam Master Intermediate Income Trust	Putnam Michigan Tax Exempt Income Fund
	Class A	Common	Class A	Common	Class
John A. Hill	1,564.506	225.663	171.456	442.687	164.23
Jameson Adkins Baxter	2,888.428	212.250	186.434	461.972	180.43
Charles B. Curtis	124.017	117.170	128.988	119.146	128.68
Myra R. Drucker	108.227	106.671	111.173	106.798	109.09
Charles E. Haldeman, Jr.	2,228.809	450.000	1,247.201	510.000	1,294.03
Paul L. Joskow	289.058	100.000	12,693.301	100.000	161.10
Elizabeth T. Kennan	771.156	108.920	112.331	270.436	110.37
Kenneth R. Leibler	101.061	100.000	101.118	100.000	101.04
Robert E. Patterson	873.531	300.000	101.496	587.000	110.33
George Putnam, III	4,813.954	1,800.000	5,967.938	2,178.000	1,284.84
W. Thomas Stephens	147.690	100.000	155.925	100.000	152.72
Richard B. Worley	108.139	100.891	110.948	100.931	108.90

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Trustees and Officers as a group	14,018.576	3,721.565	35,026.462	5,076.970	3,905.81
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Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned
	Putnam Minnesota Tax Exempt Income Fund		Putnam Money Market Fund		Putnam Municipal Bond Fund		Putnam Municipal Opportunities Trust		Putnam New Tax Exempt Income Fund
	Class A	Class A	Class R	Common	Common				
John A. Hill	219.763906	249.650	76,931.310	322.603	226.131			2	
Jameson Adkins Baxter	179.111121	21,091.870		3,570.000	207.003			1	
Charles B. Curtis	127.254399	904.680		121.003	121.225			1	
Myra R. Drucker	109.477	107.980	12.880	106.735	106.349			1	
Charles E. Haldeman, Jr.	1,294.671		8,385.310	250.000	270.000			1,2	
Paul L. Joskow	162.518294	174.600		196.000	100.000			1	
Elizabeth T. Kennan	110.683	14,556.200		189.709	119.793			1	
Kenneth R. Leibler	101.085	7,677.000		100.000	100.000			1	
Robert E. Patterson	110.714187	507.700		293.000	100.000			1	
George Putnam, III	1,293.642612	594.980		1,184.000	1,300.000			1,2	
W. Thomas Stephens	152.042	2,468.300		196.000	100.000			1	
Richard B. Worley	109.268	107.950	9,630.200	100.811	100.805			1	
Trustees and Officers as a group	3,970.224	39,303.440	94,959.700	6,629.861	2,851.306			3,9	

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Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned
	Putnam New Opportunities Fund		Putnam New Value Fund		Putnam New York Investment Grade Municipal Trust		Putnam New York Tax Exempt Income Fund
	Class A	Class Y	Class A	Class Y	Common		
John A. Hill	6,660.309	□	5,971.716	□	71,595.182 (2.58%)		5,19
Jameson Adkins Baxter	1,733.616	□	11,286.655	□	186.650		5
Charles B. Curtis	104.835	□	123.592	□	116.241		2
Myra R. Drucker	100.000	□	1,571.520	□	105.266		1
Charles E. Haldeman, Jr.	293.214	□	1,047.856	3,205.655	280.000		1,36
Paul L. Joskow	980.800	□	728.260	□	100.000		3
Elizabeth T. Kennan	100.000	□	2,473.418	□	189.263		2
Kenneth R. Leibler	100.000	□	108.289	□	100.000		1
Robert E. Patterson	1,038.444	□	1,528.107	□	100.000		1
George Putnam, III	763.162	□	12,017.915	□	1,200.000		1,40
W. Thomas Stephens	133.948	□	165.765	□	100.000		1
Richard B. Worley	100.000	□	115.245	□	100.714		1
Trustees and Officers as a group	12,709.436	2,714.411	40,761.847	32,786.176	74,173.316 (2.67%)		9,96

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Trustees	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned
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	Putnam Ohio Tax Exempt Income Fund	Putnam OTC & Emerging Growth Fund		Putnam Pennsylvania Tax Exempt Income Fund	Putnam Premier Income Trust	Putnam Prime Money Market Fund	
	Class A	Class A	Class Y	Class A	Common	Class I	Class C
John A. Hill	236.582	3,926.695	□	233.554	3,693.500	1067,211.230 [^] (2.03%)	5,630.000
Jameson Adkins Baxter	179.752	3,818.078	□	186.671	496.412	□	410.000
Charles B. Curtis	125.685	105.121	□	126.936	242.603	□	100.000
Myra R. Drucker	109.498	100.000	□	109.345	215.100	□	100.000
Charles E. Haldeman, Jr.	1,286.975	1,664.025	□	1,302.086	1,005.000	□	850.000
Paul L. Joskow	162.056	129.574	□	163.644	201.176	□	5,540.000
Elizabeth T. Kennan	110.735	1,141.113	□	110.619	292.060	□	140.000
Kenneth R. Leibler	101.104	100.000	□	101.078	100.000	□	100.000
Robert E. Patterson	110.686	1,453.803	□	110.615	803.529	□	140.000
George Putnam, III	1,276.313	11,392.960	□	1,273.698	2,505.000	□	1,750.000
W. Thomas Stephens	152.421	144.331	□	156.187	201.176	□	100.000
Richard B. Worley	109.308	100.000	□	109.172	202.877	□	100.000
Trustees and Officers as a group	3,961.115	24,138.024	10,857.414	3,983.605	9,958.500	1067,211.230 [^] (2.03%)	15,000.000
Trustees	Shares Beneficially Owned	Shares Beneficially Owned		Shares Beneficially Owned	Shares Beneficially Owned	Shares Beneficially Owned	
	Putnam RetirementReady 2010 Fund	Putnam RetirementReady 2015 Fund		Putnam RetirementReady 2020 Fund	Putnam RetirementReady 2025 Fund		

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	Class A	Class A	Class A	Class A
John A. Hill	□	□	□	□
Jameson Adkins Baxter	□	□	360.422	□
Charles B. Curtis	□	□	112.471	□
Myra R. Drucker	□	□	1,194.810	□
Charles E. Haldeman, Jr.	199.250	□	□	□
Paul L. Joskow	□	173.076	□	□
Elizabeth T. Kennan	□	□	□	□
Kenneth R. Leibler	□	106.842	□	□
Robert E. Patterson	□	□	163.521	□
George Putnam, III	□	□	□	347.268
W. Thomas Stephens	□	113.435	□	□
Richard B. Worley	□	□	□	□
Trustees and Officers as a group	199.250	393.353	1,831.224	347.268

^Reflects holdings as of 02/12/07.

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Trustees	Shares Beneficially Owned		Shares Beneficially Owned		Shares Beneficially Owned
	Putnam Small Cap Growth Fund	Class A	Class Y	Putnam Small Cap Value Fund	Class A
John A. Hill	3,244.878	□	□	22,526.691	□

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Jameson Adkins Baxter	801.254	□	3,643.596	□	1,597.92
Charles B. Curtis	609.294	□	175.356	□	129.943
Myra R. Drucker	113.645	□	162.329	□	110.621
Charles E. Haldeman, Jr.	848.486	□	□	1,110.407	1,345.18
Paul L. Joskow	4,883.960	□	4,591.973	□	168.716
Elizabeth T. Kennan	454.581	□	2,200.972	□	128.631
Kenneth R. Leibler	106.092	□	120.604	□	101.140
Robert E. Patterson	511.712	□	1,451.981	□	184.993
George Putnam, III	5,766.333	□	2,579.539	□	1,779.84
W. Thomas Stephens	113.645	□	162.329	□	158.390
Richard B. Worley	113.645	□	162.329	□	110.373
Trustees and Officers as a group	21,502.617	9,742.964	37,777.699	19,951.538	6,402.12

Trustees	Shares	Shares	Shares	Shares	
	Beneficially	Beneficially	Beneficially	Beneficially	
	Owned	Owned	Owned	Owned	
	Putnam	Putnam	Putnam	Putnam	
	Tax-Free	Tax-Free	Tax Smart	U.S. Government	
	Health Care	High Yield	Equity Fund®	Income Trust	
	Fund	Fund			
	Common	Class A	Class A	Class A	Class
John A. Hill	219.176	402.179	7,985.816	728.436	□
Jameson Adkins Baxter	582.481	1,276.060	1,239.863	197.129	□
Charles B. Curtis	115.789	224.331	102.377	1,228.561	2,539.68
Myra R. Drucker	105.244	187.262	100.163	108.946	□

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Charles E. Haldeman, Jr.	270.000	1,888.364	1,185.698	881.754	□
Paul L. Joskow	100.000	279.554	5,400.929	173.315	□
Elizabeth T. Kennan	108.110	189.648	106.867	184.771	□
Kenneth R. Leibler	100.000	101.333	100.000	100.992	□
Robert E. Patterson	100.000	189.753	2,239.580	1,424.248	□
George Putnam, III	500.000	2,696.560	6,405.434	2,850.746	□
W. Thomas Stephens	100.000	276.236	100.163	156.023	□
Richard B. Worley	100.725	186.791	100.163	108.946	□
Trustees and Officers as a group	2,401.525	7,898.071	25,067.053	8,143.867	2,539.68

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Trustees	Shares Beneficially Owned		Shares Beneficially Owned	
	Putnam Vista Fund		Putnam Voyager Fund	
	Class A	Class Y	Class A	Class Y
John A. Hill	48,265.800	□	23,528.436	□
Jameson Adkins Baxter	14,111.419	□	8,201.140	□
Charles B. Curtis	108.696	□	109.618	□
Myra R. Drucker	2,234.927	□	100.707	□
Charles E. Haldeman, Jr.	1,759.930	□	927.312	□
Paul L. Joskow	2,016.190	□	3,248.819	□
Elizabeth T. Kennan	5,005.941	□	299.547	□
Kenneth R. Leibler	100.000	□	100.000	□

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Robert E. Patterson	1,479.233	□	5,000.471	□
George Putnam, III	5,233.274	□	2,198.233	□
W. Thomas Stephens	177.190	□	149.155	□
Richard B. Worley	100.000	□	100.707	□
Trustees and Officers as a group	80,592.600	31,280.167	50,697.156	15,412.564

Additional ownership information for funds that are series of Putnam Variable Trust

As of February 9, 2007, except as shown below, the Trustees, and the Trustees and officers as a group, did not own variable annuity contracts or variable life insurance policies that invested in the funds that are series of Putnam Variable Trust.* This table shows the value of the Trustees' indirect beneficial ownership interest in these funds.

Putnam Variable Trust	Paul L. Joskow	Robert E. Patterson	George Putnam, III
Putnam VT American Government Income Fund Class IB	\$1-\$10,000	□	□
Putnam VT Capital Appreciation Fund Class IB	\$1-\$10,000	□	□
Putnam VT Capital Opportunities Fund Class IB	\$1-\$10,000	□	□
Putnam VT Discovery Growth Fund Class IB	\$1-\$10,000	□	□
Putnam VT Diversified Income Fund Class IB	\$1-\$10,000	□	□
Putnam VT Equity Income Fund Class IB	\$1-\$10,000	□	□
Putnam VT The George Putnam Fund of Boston Class IB	\$1-\$10,000	□	□

Putnam VT Global Asset Allocation Fund

Class IA			\$10,001-\$50,000
Class IB	\$1-\$10,000		

Putnam VT Global Equity Fund

Class IB	\$1-\$10,000		
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Putnam VT Growth and Income Fund

Class IB	\$1-\$10,000		
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Putnam VT Growth Opportunities Fund

Class IB	\$1-\$10,000		
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Putnam VT High Yield Fund

Class IA		\$10,001-\$50,000	
Class IB	\$1-\$10,000		

*As reflected in the tables above, Trustees own shares of the retail Putnam funds that are counterparts to the Putnam Variable Trust's various portfolios.

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Putnam Variable Trust	Paul L. Joskow	Robert E. Patterson	George Putnam, III
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Putnam VT Income Fund

Class IB	\$1-\$10,000		
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Putnam VT International Equity Fund

Class IB	\$1-\$10,000		
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Putnam VT International Growth and Income Fund

Class IB	\$1-\$10,000		
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Putnam VT International New Opportunities Fund

Class IB	\$1-\$10,000		
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Putnam VT Investors Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT Mid Cap Value Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT New Opportunities Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT New Value Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT OTC & Emerging Growth Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT Research Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT Small Cap Value Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT Vista Fund			
Class IB	\$1-\$10,000	□	□

Putnam VT Voyager Fund			
Class IB	\$1-\$10,000	□	□

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Boston, Massachusetts 02109
1-800-225-1581

Putnam Retail Management

www.putnam.com

242548 3/07

The proxy ballot

To vote by mail

Read the proxy statement.
Check the appropriate boxes
on the reverse side.

Sign and date the proxy ballot.
Return the proxy ballot in the
envelope provided.

To vote by telephone

Read the proxy statement and
have the proxy ballot at hand.
Call 1-888-221-0697.

Follow the automated
telephone directions. There
is no need for you to return
your proxy ballot.

To vote on the Web

Read the proxy statement and
have the proxy ballot at hand.

Go to <http://www.proxyweb.com/Putnam>

Follow the instructions on
the site.

There is no need for you to
return your proxy ballot.

By signing below, you as a Putnam fund shareholder appoint Trustees John A. Hill and Robert E. Patterson, and each of them separately, with power of substitution to each, to be your proxies. You are empowering them to vote your Putnam fund shares on your behalf at the meeting of the shareholders of the above-referenced fund. The meeting will take place on May 15, 2007 at 11:00 a.m. Boston time, and may be adjourned to later times or dates. **Your vote is being solicited on behalf of the Trustees.** When you complete and sign the proxy ballot, your proxies will vote exactly as you have indicated on the other side of

this card. **If you simply sign the proxy ballot, or don't vote on the specific proposal, your shares will be automatically voted as the Trustees recommend.** Your proxies are also authorized to vote at their discretion on any other matter that arises at the meeting or any adjournment of the meeting.

Sign your name exactly as it appears on this card. If you own shares jointly, each owner should sign. When signing as executor, administrator, attorney, trustee, guardian, or as custodian for a minor, please give your full title as such. If you are signing for a corporation, please sign the full corporate name and indicate the signer's office. If you are a partner, sign in the partnership name.

	Please place an X in the appropriate box using black or blue ink or number 2 pencil. Please do not use a fine point pen.
Proposal	

If you do not mark the proposal, your shares will be voted as the Trustees recommend.

THE TRUSTEES RECOMMEND A VOTE **FOR** THIS PROPOSAL

	FOR	AGAINST	ABSTAIN
1. Approving a new management contract for your fund.	0	0	0

If you have any questions on the proposal, please call 1-866-905-2396.
sign and date the other side of this card.

Please

ezVoteSM Consolidated Proxy Ballot

The top half of this form is your EzVote Consolidated Proxy. It reflects all of your accounts registered to the same Social Security or Tax I.D. number at this address. By voting and signing the Consolidated Proxy Ballot, you are voting all of these accounts in the same manner as indicated on the reverse side of the form.

By signing below, you as a Putnam fund shareholder appoint Trustees John A. Hill and Robert E. Patterson, and each of them separately, with power of substitution to each, to be your proxies. You are empowering them to vote your Putnam fund shares on your behalf at a meeting of the shareholders of the Putnam funds. The meeting will take place on May 15, 2007 at 11:00 a.m. Boston time, and may be adjourned to later times or dates. **Your vote is being solicited on behalf of the Trustees.** When you complete and sign the proxy ballot, your proxies will vote exactly as you have indicated on the other side of this card. **If you simply sign the proxy ballot, or don't vote on the specific proposal, your shares will be automatically voted as the Trustees recommend.** Your proxies are also authorized to vote at their discretion on any other matter that arises at the meeting or any adjournment of the meeting.

Sign your name exactly as it appears on this card. If you own shares jointly, each owner should sign. When signing as executor, administrator, attorney, trustee, guardian, or as custodian for a minor, please give your full title as such. If you are signing for a corporation, please sign the full corporate name and indicate the signer's office. If you are a partner, sign in the partnership name.

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DETACH CONSOLIDATED PROXY BALLOT AT PERFORATION BELOW

Your vote is important. For your convenience, you can vote your proxy in any of these three ways:

- | | | |
|---|---|---|
| <p>1</p> <p>TELEPHONE</p> <p>Call us toll-free at
1-888-221-0697</p> <p><input type="checkbox"/> Follow the automated telephone direction.</p> <p><input type="checkbox"/> There is no need for you to return your proxy ballot.</p> | <p>2</p> <p>INTERNET</p> <p>Go to
http://www.proxyweb.com/Putnam</p> <p><input type="checkbox"/> Follow the instructions on the site.</p> <p><input type="checkbox"/> There is no need for you to return your proxy ballot.</p> | <p>3</p> <p>MAIL</p> <p>Mail in the proxy card.</p> <p><input type="checkbox"/> Please sign and date your proxy ballot.</p> <p><input type="checkbox"/> Detach the ballot from this proxy form.</p> <p><input type="checkbox"/> Return the ballot in the postage-paid envelope provided.</p> |
|---|---|---|

INDIVIDUAL PROXY BALLOTS

On the reverse side of this form (and on accompanying pages, if necessary) you will find individual proxy ballots, one for each of your accounts. If you would wish to vote each of these accounts separately, sign in the signature box below, mark each individual ballot to indicate your vote, detach the form at the perforation above and return the individual proxy ballots portion only.

N O T E : If you elect to vote each account separately, do not return the Consolidated Proxy Ballot above.

Sign your name exactly as it appears on this card. If you own shares jointly, each owner should sign. When signing as executor, administrator, attorney, trustee, guardian, or as custodian for a minor, please give your full title as such. If you are signing for a corporation, please sign the full corporate name and indicate the signer's office. If you are a partner, sign in the partnership name.

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<p>Proposal</p>	<p>Please place an X in the appropriate box using black or blue ink or number 2 pencil. Please do not use a fine point pen.</p>
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If you do not mark the proposal, your shares will be voted as the Trustees recommend.

THE TRUSTEES RECOMMEND A VOTE **FOR** THIS PROPOSAL

	FOR	AGAINST	ABSTAIN
1. Approving a new management contract for your fund.	0	0	0

If you have any questions on the proposal, please call 1-866-905-2396. Please sign and date the other side of this card.

putnam 2007 EZ - dh

DETACH CONSOLIDATED PROXY BALLOT AT PERFORATION BELOW

INDIVIDUAL BALLOTS

NOTE: IF YOU HAVE USED THE CONSOLIDATED BALLOT ABOVE, DO NOT VOTE THE INDIVIDUAL BALLOTS BELOW.

JOHN Q. PUBLIC
123 MAIN STREET
ANYTOWN, MA 02030

JOHN Q. PUBLIC
123 MAIN STREET
ANYTOWN, MA 02030

FUNDNAME PRINTS HERE

FUNDNAME PRINTS HERE

	FOR	AGAINST	ABSTAIN
1. Approving a new management contract for your fund.	0	0	0

	FOR	AGAINST
1. Approving a new management contract for your fund.	0	0

JOHN Q. PUBLIC
123 MAIN STREET
ANYTOWN, MA 02030

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FUNDNAME PRINTS HERE

FUNDNAME PRINTS HERE

	FOR	AGAINST	ABSTAIN
1. Approving a new management contract for your fund.	0	0	0

	FOR	AGAINST
1. Approving a new management contract for your fund.	0	0

putnam 2007 IND - dh

March 14, 2007

Dear Putnam Fund Shareholder:

Please find enclosed proxy materials for a Special Meeting of Shareholders of your fund to be held on Tuesday, May 15, 2007. The proxy cards for your accounts are enclosed along with a copy of the Notice of a Special Meeting of Shareholders and Proxy Statement dated March 9, 2007.

You may cast your votes in one of two ways:

Option 1. If you wish to vote all of your accounts (registered to the same Social Security or Tax I.D. number at your address) in the same manner, you may simply indicate that vote below in this letter, sign it in the space provided and (a) return it in the enclosed postage paid envelope provided, or (b) fax it, toll-free to our proxy agent at 1-877-226-7171.

Option 2. If you wish to vote each account individually, mark your votes on each account's proxy card enclosed in this package, sign the cards and return the cards by using the enclosed postage paid envelope.

Your vote is important. Thank you for your prompt attention to this matter.

Consolidated Proxy Ballot

By voting and signing the Consolidated Proxy Ballot, you are voting all of your accounts in the same manner.

By signing below, you as a Putnam fund shareholder appoint Trustees John A. Hill and Robert E. Patterson, and each of them separately, with power of substitution to each, to be your proxies. You are empowering them to vote

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your Putnam fund shares on your behalf at a meeting of the shareholders of the Putnam funds. The meeting will take place on May 15, 2007 at 11:00 a.m. Boston time, and may be adjourned to later times or dates. **Your vote is being solicited on behalf of the Trustees.** When you complete and sign the proxy ballot, your proxies will vote exactly as you have indicated on the other side of this card. **If you simply sign the proxy ballot, or don't vote on the specific proposal, your shares will be automatically voted as the Trustees recommend.** Your proxies are also authorized to vote at their discretion on any other matter that arises at the meeting or any adjournment of the meeting.

Sign your name exactly as it appears on this card. If you own shares jointly, each owner should sign. When signing as executor, administrator, attorney, trustee, guardian, or as custodian for a minor, please give your full title as such. If you are signing for a corporation, please sign the full corporate name and indicate the signer's office. If you are a partner, sign in the partnership name.

Proposal Please place an X in the appropriate box using black or blue ink
or number 2 pencil. Please do not use a fine point pen.

If you do not mark the proposal, your shares will be voted as the Trustees recommend.

THE TRUSTEES RECOMMEND
A VOTE **FOR** THIS PROPOSAL

	FOR	AGAINST	ABSTAIN
1. Approving a new management contract for your fund.	0	0	0

If you have any questions on the proposal, please call 1-866-905-2396. Please sign and date this card in the space above
