

PUTNAM INVESTMENT GRADE MUNICIPAL TRUST  
Form N-CSR  
July 27, 2006

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM N-CSR**

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED  
MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act file number: (811- 05901 )

Exact name of registrant as specified in charter: Putnam Investment Grade Municipal Trust

Address of principal executive offices: One Post Office Square, Boston, Massachusetts 02109

Name and address of agent for service: Beth S. Mazor, Vice President  
One Post Office Square  
Boston, Massachusetts 02109

Copy to: John W. Gerstmayr, Esq.  
Ropes & Gray LLP  
One International Place  
Boston, Massachusetts 02110

Registrant's telephone number, including area code: (617) 292-1000

Date of fiscal year end: November 30, 2006

Date of reporting period: December 1, 2005 to May 31, 2006

Item 1. Report to Stockholders:

The following is a copy of the report transmitted to stockholders pursuant to Rule 30e-1 under the Investment Company Act of 1940:

---

---

## What makes Putnam different?

In 1830, Massachusetts Supreme Judicial Court Justice Samuel Putnam established The Prudent Man Rule, a legal foundation for responsible money management.

## THE PRUDENT MAN RULE

All that can be required of a trustee to invest is that he shall conduct himself faithfully and exercise a sound discretion. He is to observe how men of prudence, discretion, and intelligence manage their own affairs, not in regard to speculation, but in regard to the permanent disposition of their funds, considering the probable income, as well as the probable safety of the capital to be invested.

### A time-honored tradition in money management

Since 1937, our values have been rooted in a profound sense of responsibility for the money entrusted to us.

### A prudent approach to investing

We use a research-driven team approach to seek consistent, dependable, superior investment results over time, although there is no guarantee a fund will meet its objectives.

### Funds for every investment goal

We offer a broad range of mutual funds and other financial products so investors and their financial representatives can build diversified portfolios.

### A commitment to doing what's right for investors

We have stringent investor protections and provide a wealth of information about the Putnam funds.

### Industry-leading service

We help investors, along with their financial representatives, make informed investment decisions with confidence.

---

# Putnam Investment Grade Municipal Trust

## 5|31|06 *Semiannual Report*

|                               |    |
|-------------------------------|----|
| Message from the Trustees     | 2  |
| About the fund                | 4  |
| Report from the fund managers | 7  |
| Performance                   | 13 |
| Your fund's management        | 16 |
| Terms and definitions         | 19 |

|   |    |
|---|----|
| Trustee approval of management contract | 20 |
| Other information for shareholders      | 25 |
| Financial statements                    | 26 |

Cover photograph: © Richard H. Johnson

---

## *Message from the Trustees*

# Dear Fellow Shareholder

Investors continue to keep a close watch on the course of the economy. Globally, it appears that, assuming economic growth exceeds 4% in 2006, we will have seen the strongest economic performance over a four-year period in over thirty years. Corporate profits have boomed around the world, business capacity utilization rates have moved up, and unemployment rates have come down. Given such a sustained period of robust growth, it is not surprising that prices have begun to rise, inflation rates have crept up, and central banks in many countries, particularly the Federal Reserve (the Fed) in the United States, have pushed interest rates higher.

In recent weeks, investors have worried that these higher rates could threaten the fundamentals of the global economy, prompting a widespread sell-off. However, we believe that today's higher interest rates, far from being a threat to global economic fundamentals, are in fact an integral part of them. Higher interest rates are bringing business borrowing costs closer to the rate of return available from investments. In our view, this should help provide the basis for a longer and more durable business expansion and a continued healthy investment environment.

You can be assured that the investment professionals managing your fund are closely monitoring the factors that influence the performance of the securities in which your fund invests. Moreover, Putnam Investments' management team, under the leadership of Chief Executive Officer Ed Haldeman, continues to focus on investment performance and remains committed to putting the interests of shareholders first.

2

---

In the following pages, members of your fund's management team discuss the fund's performance and strategies for the fiscal period ended May 31, 2006, and provide their outlook for the months ahead. As always, we thank you for your support of the Putnam funds.

---

**Putnam Investment Grade Municipal Trust:  
potential for income exempt from federal income tax**

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

Municipal bonds finance important public projects such as schools, roads, and hospitals, and they can help investors keep more of their investment income. Putnam Investment Grade Municipal Trust offers another advantage – the flexibility to invest in municipal bonds issued by any state in the country.

Municipal bonds are typically issued by states and local municipalities to raise funds for building and maintaining public facilities. The income from a municipal bond is generally exempt from federal income tax. The bonds are backed by either the issuing city or town or by revenues collected from usage fees.

The fund's management team can select bonds issued by a variety of state and local governments. The fund also combines bonds of differing quality levels to increase income potential. The portfolio focuses primarily on investment-grade bonds to seek a high level of overall credit quality. The team also allocates a portion of assets to lower-rated bonds, which may offer higher income in return for more risk. When deciding whether to invest in a bond, the team considers factors such as credit risk, interest-rate risk, and the risk that the bond will be prepaid. Once a bond has been purchased, the team continues to monitor developments that affect the bond market, the sector, and the issuer of the bond. Typically, lower-rated bonds are reviewed more often because of their greater potential risk.

Putnam Investment Grade Municipal Trust's management team is backed by the resources of Putnam's fixed-income organization, one of the largest in the investment industry. Putnam's municipal bond analysts are grouped into sector teams and conduct ongoing, rigorous research.

The goal of the management team's research and active management is to stay a step ahead of the industry and pinpoint opportunities to adjust the fund's holdings – either by acquiring

## Municipal bonds may finance a range of community projects and thus play a key role in local development.

---

more of a particular bond or selling it – for the benefit of the fund and its shareholders.

*Capital gains, if any, are taxable for federal and, in most cases, state purposes. For some investors, investment income may be subject to the federal alternative minimum tax. Income from federally exempt funds may be subject to state and local taxes. Please consult with your tax advisor for more information. Mutual funds that invest in bonds are subject to certain risks, including interest-rate risk, credit risk, and inflation risk. As interest rates rise, the prices of bonds fall. Long-term bonds are more exposed to interest-rate risk than short-term bonds. Unlike bonds, bond funds have ongoing fees and expenses. Leverage can mean higher returns, but adds risk and may increase share price volatility.*

## How do closed-end funds differ from open-end funds?

**More assets at work** While open-end funds must maintain a cash position to meet redemptions, closed-end funds have no such requirement and can keep more of their assets invested in the market.

**Traded like stocks** Closed-end fund shares are traded on stock exchanges, and their market prices fluctuate in response to supply and demand, among other factors.

### **Market price vs. net asset value**

Like an open-end fund's net asset value (NAV) per share, the NAV of a closed-end fund share equals the current value of the fund's assets, minus its liabilities, divided by the number of shares outstanding. However, when buying or selling closed-end fund shares, the price you pay or receive is the *market price*. Market price reflects current market supply and demand and may be higher or lower than the NAV.

**Strategies for higher income** Closed-end funds have greater flexibility to use strategies such as "leverage" for example, issuing preferred shares to raise capital, then seeking to invest that capital at higher rates to enhance return for common shareholders.

5

**Putnam Investment Grade Municipal Trust** is a leveraged fund that seeks as high a level of current income free from federal income tax as Putnam Management believes is consistent with preservation of capital by investing primarily in investment-grade municipal bonds. The fund may be suitable for investors seeking tax-exempt income who can accept a higher level of risk in exchange for the potentially higher level of income offered by a leveraged fund.

### Highlights

\* For the six months ended May 31, 2006, Putnam Investment Grade Municipal Trust returned 1.93% at net asset value (NAV) and 2.82% at market price.

\* The fund's benchmark, the Lehman Municipal Bond Index, returned 1.51% ..

\* The average return for the fund's Lipper category, General Municipal Debt Funds (leveraged closed-end) was 2.65% .

\* Additional fund performance, comparative performance, and Lipper data can be found in the performance section beginning on page 13.

### Performance

It is important to note that a fund's performance at market price may differ from its results at NAV. Although market price performance generally reflects investment results, it may also be influenced by several other factors, including changes in investor perceptions of the fund or its investment advisor, market conditions, fluctuations in supply and demand for the fund's shares, and changes in fund distributions.

Total return for periods ended 5/31/06

Since the fund's inception (10/26/89), average annual return is 7.38% at NAV and 6.00% at market price.

|          | Average annual return |              | Cumulative return |              |
|----------|-----------------------|--------------|-------------------|--------------|
|          | NAV                   | Market price | NAV               | Market price |
| 10 years | 6.36%                 | 3.59%        | 85.24%            | 42.31%       |
| 5 years  | 6.25                  | 3.65         | 35.38             | 19.61        |
| 3 years  | 5.98                  | -0.29        | 19.05             | -0.88        |
| 1 year   | 2.49                  | 1.04         | 2.49              | 1.04         |
| 6 months | □                     | □            | 1.93              | 2.82         |

*Data is historical. Past performance does not guarantee future results. More recent returns may be less or more than those shown. Investment return, net asset value, and market price will fluctuate, and you may have a gain or a loss when you sell your shares. Performance assumes reinvestment of distributions and does not account for taxes.*

6

---

## *Report from the fund managers*

# The period in review

Solid economic growth and investors' pursuit of income during the past six months drove credit spreads narrower for higher-yielding bonds. Your fund's emphasis on tobacco settlement bonds, appreciation from a pre-refunded holding, and use of leverage enabled it to outperform its benchmark, the Lehman Municipal Bond Index, at NAV. The fund's relatively short duration was also a positive factor as interest rates continued to rise, causing bond prices to fall. However, our yield curve strategy had its downside, as interest rates for bonds with shorter maturities increased more than rates for longer-term bonds. In addition, the overall quality of the fund's portfolio was higher than that of other funds in its Lipper group. Lower-quality bonds continued to outperform higher-quality issues during the period, causing the fund's results at NAV to lag the average for its Lipper category.

## Market overview

Amid continuing signs of solid economic growth, and the potential for inflation that often accompanies such growth, the Fed increased the federal funds rate four times during the first half of the fund's fiscal year, lifting this benchmark for overnight loans between banks from 4.00% to 5.00%. Bond yields rose across the maturity spectrum, leading to a convergence of shorter- and longer-term rates. As rates converged, the yield curve — a graphical representation of yields for bonds of comparable quality plotted from the shortest to the longest maturity — flattened.

During the period, tax-exempt bonds generally outperformed comparable Treasury bonds, as prices of tax-exempt bonds declined less than Treasury prices across all maturities. Municipal bonds typically perform better than Treasuries when interest rates are rising. However, the degree to which they outperformed Treasuries was greater than we expected.

A robust economy and rising corporate earnings contributed to the

7

---

strong relative performance of lower-rated bonds. Among uninsured bonds in general and especially bonds rated Baa and below, yield spreads tightened as lower-rated bonds performed better than higher-rated bonds. The superior performance of lower-rated bonds was primarily the result of strong demand by buyers searching for higher yields. Non-rated bonds also rallied. In addition, as a result of favorable legal rulings, tobacco settlement bonds generally outperformed the broader market. Also, airline-related industrial development bonds (IDBs) performed exceptionally well, in our view.

## Strategy overview

Given our expectation for rising interest rates, we maintained a short (defensive) portfolio duration relative to the fund's Lipper peer group, a strategy that contributed positively to results for the period as rates rose. Duration is a measure of a fund's sensitivity to changes in interest rates. Having a shorter-duration portfolio may help protect principal when interest rates rise, but it can reduce appreciation potential when rates fall.

The fund's yield curve positioning, or the maturity profile of its holdings, detracted from performance during the period but did not negate the positive contribution provided by our duration strategy. In order to keep the fund's duration short, we limited

### Market sector performance

These indexes provide an overview of performance in different market sectors for the six months ended 5/31/06.

#### Bonds

---

|   |        |
|---|--------|
| Lehman Municipal Bond Index (tax-exempt bonds)                        | 1.51%  |
| Lehman Aggregate Bond Index (broad bond market)                       | 0.01%  |
| Lehman Government Bond Index (U.S. Treasury and agency securities)    | □0.25% |
| JP Morgan Global High Yield Index (global high-yield corporate bonds) | 4.56%  |

#### Equities

---

|   |       |
|---|-------|
| S&P 500 Index (broad stock market)        | 2.60% |
| Russell 1000 Index (large-company stocks) | 2.77% |
| Russell 2000 Index (small-company stocks) | 7.03% |

---

8

---

exposure to longer-maturity bonds, favoring intermediate-maturity securities instead. However, as the yield curve flattened and shorter- and longer-term yields converged, bonds with longer maturities performed better than their intermediate-maturity counterparts.

The fund's underweight position in the lowest-rated bonds (i.e., those rated Ba and below), compared to other funds in its peer group, detracted from results as securities in this area of the market rallied. This underweight was based on our analysis of lower-rated bonds, which concluded that better relative value existed in bonds rated Baa and higher at this point in the credit cycle. In recent months, the continued narrowing of credit spreads □ or the reduced premium investors stand to receive by investing in lower-rated issues □ has not been supported by credit fundamentals, in our view. The fund's overweight position in Baa-rated bonds, compared to other funds in its peer group, boosted results as securities in this area of the market continued to perform well.

The fund's underweight position in airline-related IDBs (industrial development bonds) modestly detracted from performance as this sector posted strong results for the period. An overweight position in tobacco settlement bonds contributed positively to results, as these bonds continued to strengthen during the period.

9

---

## Your fund's holdings

While **tobacco settlement bonds** generally carry investment-grade ratings, they are secured by the income stream from tobacco companies' settlement obligations to the states and generally offer higher yields than bonds of comparable quality. An improving litigation environment has led to higher prices for these bonds, and your fund's holdings in this sector of the municipal bond market contributed favorably to results. We also think tobacco settlement bonds provide additional diversification, since their performance is not as closely tied to economic growth as other holdings. The fund owns or owned tobacco settlement bonds issued in six states during the period: **California, New Jersey, South Carolina, South Dakota, Washington, and Wisconsin.**

Among the fund's best-performing individual issues were **Illinois Development Finance Authority Hospital revenue bonds** issued for **Adventist Health System**, which were pre-refunded in December 2005. Pre-refunding occurs when an issuer refinances an older, higher-coupon bond by issuing new bonds at current, lower interest rates. The proceeds are then invested in a secure investment — usually U.S. Treasury securities — that matures at the original bond's first call date, effectively raising its perceived credit rating, but shortening its effective maturity. The effective maturity of the Adventist Health System bonds moved from 2024 to 2009.

10

---

The fund had only a small exposure to **airline-related industrial development bonds (IDBs)**, which rebounded during the period. IDBs are issued by municipalities but backed by the credit of the company or institution benefiting from the financing. Investor perceptions about the backing company's health, or that of its industry, affect the prices of these bonds more than the rating of the issuing municipality. The airline industry has been struggling ever since the terrorist attacks of September 2001, and rising fuel prices made a bad situation worse. However, a gradual rise in passenger counts and the recent rise in ticket prices helped improve airlines' balance sheets, and many investors rushed to buy airline-related bonds. Your fund's modest position in IDBs issued in **New York City** for **British Airways** — which have been in the portfolio for a long time — benefited from the rally, but other funds in the peer group with larger positions in this sector were able to participate more fully. Although we believe airlines are showing signs of stabilization and we are watching the situation carefully, we prefer to wait for more attractive opportunities before increasing the fund's exposure.

Finally, to help broaden the fund's diversification, we have been looking for opportunities in single-family housing bonds, where rising interest rates and declining mortgage prepayments make the sector seem increasingly attractive. We recently purchased some high-quality, single-family mortgage bonds issued in **New Mexico.**

*Please note that the holdings discussed in this report may not have been held by the fund for the entire period. Portfolio composition is subject to review in accordance with the fund's investment strategy and may vary in the future.*

11

---



## The outlook for your fund

The following commentary reflects anticipated developments that could affect your fund over the next six months, as well as your management team's plans for responding to them.

We believe that the Fed's tightening cycle is nearing an end but expect that rates will continue to rise over the near term. Consequently, we currently plan to maintain the fund's defensive duration because we believe that the municipal bond market may be susceptible to weaker returns in the coming months. A key reason for this belief is the market's unusually strong performance versus taxable equivalents for the fiscal period. In our view, the municipal market's exceptional results can be attributed primarily to a combination of robust demand and limited new-issue supply.

It appears to us that the extended rally among lower-rated, higher-yielding bonds may be in its final stages. We base this view, in part, on the fact that the difference in yields between Aaa-rated bonds and Baa-rated bonds — the lowest investment-grade rating — is at its narrowest point since late 1999. In other words, the reward in terms of higher yields for assuming additional credit risk has diminished substantially. Therefore, we remain cautious with respect to securities at the lower end of the credit spectrum.

We continue to have a positive view of defensive sectors such as single-family housing bonds, which performed well over most of the fiscal period.

Finally, our view on tobacco settlement bonds remains positive as we believe that they represent good investment opportunities relative to the inherent risks associated with the sector.

*The views expressed in this report are exclusively those of Putnam Management. They are not meant as investment advice.*

*Capital gains, if any, are taxable for federal and, in most cases, state purposes. For some investors, investment income may be subject to the federal alternative minimum tax. Income from federally exempt funds may be subject to state and local taxes. Mutual funds that invest in bonds are subject to certain risks, including interest-rate risk, credit risk, and inflation risk. As interest rates rise, the prices of bonds fall. Long-term bonds are more exposed to interest-rate risk than short-term bonds. Unlike bonds, bond funds have ongoing fees and expenses. The fund's shares trade on a stock exchange at market prices, which may be higher or lower than the fund's net asset value. The fund uses leverage, which involves risk and may increase the volatility of the fund's net asset value.*

12

---

## Your fund's performance

This section shows your fund's performance for periods ended May 31, 2006, the end of the first half of its current fiscal year. In accordance with regulatory requirements for mutual funds, we also include performance as of the most recent calendar quarter-end. Performance should always be considered in light of a fund's investment strategy. Data represents past performance. Past performance does not guarantee future results. More recent returns may be less or more than those shown. Investment return, net asset value, and market price will fluctuate, and you may have a gain or a loss when you sell your shares.

### Fund performance

Total return and comparative index results for periods ended 5/31/06

|        |           |                  |
|--------|-----------|------------------|
|        |           | Lipper General   |
|        | Lehman    | Municipal Debt   |
|        | Municipal | Funds (leveraged |
| Market | Bond      | closed-end)      |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  | NAV           | price          | Index         | category average* |
|--|---------------|----------------|---------------|-------------------|
| Annual average<br>Life of fund<br>(since 10/26/89) | 7.38%         | 6.00%          | 6.73%         | 7.29%             |
| 10 years<br>Annual average                         | 85.24<br>6.36 | 42.31<br>3.59  | 78.16<br>5.95 | 91.68<br>6.71     |
| 5 years<br>Annual average                          | 35.38<br>6.25 | 19.61<br>3.65  | 29.26<br>5.27 | 41.38<br>7.14     |
| 3 years<br>Annual average                          | 19.05<br>5.98 | -0.88<br>-0.29 | 9.97<br>3.22  | 17.66<br>5.54     |
| 1 year   | 2.49          | 1.04           | 1.88          | 3.29              |
| 6 months   | 1.93          | 2.82           | 1.51          | 2.65              |

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

Index and Lipper results should be compared to fund performance at net asset value. Lipper calculations for reinvested dividends may differ from actual performance.

\* Over the 6-month and 1-, 3-, 5-, and 10-year periods ended 5/31/06, there were 56, 56, 55, 45, and 39 funds, respectively, in this Lipper category.

13

## Fund price and distribution information

For the six-month period ended 5/31/06

Distributions\* □ common shares

|                            |            |
|----------------------------|------------|
| Number                     | 6          |
| Income <sup>1</sup>        | \$0.246400 |
| Capital gains <sup>2</sup> | □          |
| Total                      | \$0.246400 |

Distributions\* □ preferred shares Series A  
(1,400 shares)

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  |            |              |
|--|------------|--------------|
| Income <sup>1</sup>                          | \$1,606.62 |              |
| Capital gains <sup>2</sup>                   | □          |              |
| Total  | \$1,606.62 |              |
| Common share value:                          | NAV        | Market price |
| 11/30/05                                     | \$10.81    | \$9.34       |
| 5/31/06                                      | 10.74      | 9.36         |
| Current yield (common shares, end of period) |            |              |
| Current dividend rate <sup>3</sup>           | 4.57%      | 5.24%        |
| Taxable equivalent <sup>4</sup>              | 7.03       | 8.06         |

\* *Dividend sources are estimated and may vary based on final tax calculations after the fund's fiscal year-end.*

1 *For some investors, investment income may be subject to the federal alternative minimum tax. Income from federally exempt funds may be subject to state and local taxes.*

2 *Capital gains, if any, are taxable for federal and, in most cases, state purposes.*

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

4 *Assumes maximum 35% federal tax rate for 2006. Results for investors subject to lower tax rates would not be as advantageous.*

14

### Fund performance for most recent calendar quarter

Total return for periods ended 6/30/06

|                               | NAV   | Market price |
|-------------------------------|-------|--------------|
| Annual average                |       |              |
| Life of fund (since 10/26/89) | 7.31% | 6.04%        |
| 10 years                      | 82.55 | 43.10        |
| Annual average                | 6.20  | 3.65         |

|                |       |       |
|----------------|-------|-------|
| 5 years        | 33.28 | 14.53 |
| Annual average | 5.91  | 2.75  |
| 3 years        | 18.03 | □3.05 |
| Annual average | 5.68  | □1.03 |
| 1 year         | 0.99  | 2.33  |
| 6 months       | 0.15  | 2.70  |

15

## Your fund's management

Your fund is managed by the members of the Putnam Tax Exempt Fixed-Income Team. David Hamlin is the Portfolio Leader, and Paul Drury, Susan McCormack, and James St. John are Portfolio Members of your fund. The Portfolio Leader and Portfolio Members coordinate the team's management of the fund.

For a complete listing of the members of the Putnam Tax Exempt Fixed-Income Team, including those who are not Portfolio Leaders or Portfolio Members of your fund, visit Putnam's Individual Investor Web site at [www.putnam.com](http://www.putnam.com).

## Fund ownership by the Portfolio Leader and Portfolio Members

The table below shows how much the fund's current Portfolio Leader and Portfolio Members have invested in the fund (in dollar ranges). Information shown is as of May 31, 2006, and May 31, 2005.

|                         | Year | \$1 □ \$10,001 □ \$50,001 □ \$100,001 □ \$500,001 □ \$1,000,001 |          |          |           |           |                      |
|-------------------------|------|---|----------|----------|-----------|-----------|----------------------|
|                         |      | \$0   | \$10,000 | \$50,000 | \$100,000 | \$500,000 | \$1,000,000 and over |
| David Hamlin            | 2006 | *   |          |          |           |           |                      |
| <i>Portfolio Leader</i> | 2005 | *   |          |          |           |           |                      |
| Paul Drury              | 2006 | *   |          |          |           |           |                      |
| <i>Portfolio Member</i> | 2005 | *   |          |          |           |           |                      |
| Susan McCormack         | 2006 | *   |          |          |           |           |                      |
| <i>Portfolio Member</i> | 2005 | *   |          |          |           |           |                      |
| James St. John          | 2006 | *   |          |          |           |           |                      |
| <i>Portfolio Member</i> | 2005 | *   |          |          |           |           |                      |

## Fund manager compensation

The total 2005 fund manager compensation that is attributable to your fund is approximately \$170,000. This amount includes a portion of 2005 compensation paid by Putnam Management to the fund managers listed in this section for their portfolio management responsibilities, calculated based on the fund assets they manage taken as a percentage of the total assets they manage. The compensation amount also includes a portion of the 2005 compensation paid to the Chief Investment Officer of the team and the Group Chief Investment Officer of the fund's broader investment category for their oversight responsibilities, calculated based on the fund assets they oversee taken as a percentage of the total assets they oversee. This amount does not include compensation of other personnel involved in research, trading, administration, systems, compliance, or fund operations; nor does it include non-compensation costs. These percentages are determined as of the fund's fiscal period-end. For personnel who joined Putnam Management during or after 2005, the calculation reflects annualized 2005 compensation or an estimate of 2006 compensation, as applicable.

## Other Putnam funds managed by the Portfolio Leader and Portfolio Members

David Hamlin is the Portfolio Leader and Paul Drury, Susan McCormack, and James St. John are Portfolio Members for Putnam's tax-exempt funds for the following states: Arizona, California, Florida, Massachusetts, Michigan, Minnesota, New Jersey, New York, Ohio, and Pennsylvania. The same group also manages Putnam AMT-Free Insured Municipal Fund, Putnam California Investment Grade Municipal Trust, Putnam High Yield Municipal Trust, Putnam Managed Municipal Income Trust, Putnam Municipal Bond Fund, Putnam Municipal Opportunities Trust, Putnam New York Investment Grade Municipal Trust, Putnam Tax Exempt Income Fund, Putnam Tax-Free Health Care Fund, and Putnam Tax-Free High Yield Fund.

David Hamlin, Paul Drury, Susan McCormack, and James St. John may also manage other accounts and variable trust funds advised by Putnam Management or an affiliate.

## Changes in your fund's Portfolio Leader and Portfolio Members

Your fund's Portfolio Leader and Portfolio Members did not change during the year ended May 31, 2006.

## Fund ownership by Putnam's Executive Board

The table below shows how much the members of Putnam's Executive Board have invested in the fund (in dollar ranges). Information shown is as of May 31, 2006, and May 31, 2005.

|                                 | Year | \$0 | \$1 -    | \$10,001 - | \$50,001 - | \$100,001 |
|---------------------------------|------|-----|----------|------------|------------|-----------|
|                                 |      |     | \$10,000 | \$50,000   | \$100,000  | and over  |
| Philippe Bibi                   | 2006 | *   |          |            |            |           |
| <i>Chief Technology Officer</i> | 2005 | *   |          |            |            |           |
| Joshua Brooks                   | 2006 | *   |          |            |            |           |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|   |      |   |
|---|------|---|
| <i>Deputy Head of Investments</i>       | 2005 | * |
| William Connolly                        | 2006 | * |
| <i>Head of Retail Management</i>        | N/A  |   |
| Kevin Cronin                            | 2006 | * |
| <i>Head of Investments</i>              | 2005 | * |
| Charles Haldeman, Jr.                   | 2006 | * |
| <i>President and CEO</i>                | 2005 | * |
| Amrit Kanwal                            | 2006 | * |
| <i>Chief Financial Officer</i>          | 2005 | * |
| Steven Krichmar                         | 2006 | * |
| <i>Chief of Operations</i>              | 2005 | * |
| Francis McNamara, III                   | 2006 | * |
| <i>General Counsel</i>                  | 2005 | * |
| Richard Robie, III                      | 2006 | * |
| <i>Chief Administrative Officer</i>     | 2005 | * |
| Edward Shadek                           | 2006 | * |
| <i>Deputy Head of Investments</i>       | 2005 | * |
| Sandra Whiston                          | 2006 | * |
| <i>Head of Institutional Management</i> | N/A  |   |

N/A indicates the individual was not a member of Putnam's Executive Board as of 5/31/05.

## Terms and definitions

## Important terms

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

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

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

## Comparative indexes

JP Morgan Global High Yield Index is an unmanaged index of global high-yield fixed-income securities.

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

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

Lehman Municipal Bond Index is an unmanaged index of long-term fixed-rate investment-grade tax-exempt bonds.

Russell 1000 Index is an unmanaged index of the 1,000 largest companies in the Russell 3000 Index.

Russell 2000 Index is an unmanaged index of the 2,000 smallest companies in the Russell 3000 Index.

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

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

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

19

---

## Trustee approval of management contract

### General conclusions

The Board of Trustees of the Putnam funds oversees the management of each fund and, as required by law, determines annually whether to approve the continuance of your fund's management contract with Putnam 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 beginning in March and ending in June 2005, the Contract Committee met five 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 your fund's management contract, effective July 1, 2005.

This approval was based on the following conclusions:

\* That the fee schedule currently in effect for your fund, subject to certain changes noted below, represents reasonable compensation in light of the nature and quality of the services being provided to the fund, the fees paid by competitive funds and the costs incurred by Putnam Management in providing such services, and

\* That such fee schedule represents an appropriate sharing between fund shareholders and Putnam Management of such economies of scale as may exist in the management of the fund at current asset levels.

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

20

---

### **Model fee schedules and categories; total expenses**

The Trustees' review of the management fees and total expenses of the Putnam funds focused on three major themes:

\* Consistency. The Trustees, working in cooperation with Putnam Management, have developed and implemented a series of model fee schedules for the Putnam funds designed to ensure that each fund's management fee is consistent with the fees for similar funds in the Putnam family of funds and compares favorably with fees paid by competitive funds sponsored by other investment advisors. Under this approach, each Putnam fund is assigned to one of several fee categories based on a combination of factors, including competitive fees and perceived difficulty of management, and a common fee schedule is implemented for all funds in a given fee category. The Trustees reviewed the model fee schedules then in effect for the Putnam funds, including fee levels and breakpoints, and the assignment of each fund to a particular fee category under this structure. ("Breakpoints" refer to reductions in fee rates that apply to additional assets once specified asset levels are reached.)

Since their inception, Putnam's closed-end funds have generally had management fees that are higher than those of Putnam's open-end funds pursuing comparable investment strategies. These differences ranged from five to 20 basis points. The Trustees have reexamined this matter and recommended that these differences be conformed to a uniform five basis points. At a meeting on January 13, 2006, the Trustees approved an amended management contract for your fund to memorialize the arrangements agreed to in June 2005. Under the new fee schedule, which went into effect January 1, 2006, the fund pays a quarterly fee to Putnam Management at the lower of the following rates:

(a) 0.55% of the fund's average net assets (including assets attributable to both common and preferred shares) or

(b) 0.65% of the first \$500 million of the fund's average net assets (including assets attributable to both common and preferred shares);

0.55% of the next \$500 million;

0.50% of the next \$500 million;

0.45% of the next \$5 billion;

0.425% of the next \$5 billion;

0.405% of the next \$5 billion;



0.39% of the next \$5 billion; and

0.38% thereafter.

The new fee schedule for your fund has resulted in lower management fees paid by common shareholders. The Trustees approved the new fee schedules for the funds effective as of January 1, 2006, in order to provide Putnam Management an opportunity to accommodate the impact on revenues in its budget process for the coming year.

21

---

\* **Competitiveness.** The Trustees also reviewed comparative fee and expense information for competitive funds, which indicated that, in a custom peer group of competitive funds selected by Lipper Inc., your fund ranked in the 53rd percentile in management fees and in the 53rd percentile in total expenses as of December 31, 2004 (the first percentile being the least expensive funds and the 100th percentile being the most expensive funds). The Trustees expressed their intention to monitor this information closely to ensure that fees and expenses of the Putnam funds continue to meet evolving competitive standards.

\* **Economies of scale.** The Trustees concluded that the fee schedule currently in effect for your fund, which as of January 1, 2006, reflects the changes noted above, represents an appropriate sharing of economies of scale at current asset levels. The Trustees examined the existing breakpoint structure of the Putnam funds' management fees in light of competitive industry practices. The Trustees considered various possible modifications to the Putnam funds' current breakpoint structure, but ultimately concluded that the current breakpoint structure continues to serve the interests of fund shareholders. Accordingly, the Trustees continue to believe that the fee schedules currently in effect for the funds, taking into account the changes noted above, represent an appropriate sharing of economies of scale at current asset levels.

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.

## **Investment performance**

The quality of the investment process provided by Putnam Management represented a major factor in the Trustees' evaluation of the quality of services provided by Putnam Management under your fund's management contract. The Trustees were assisted in their review of the funds' investment process and performance by the work of 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 the fund's performance with various benchmarks and with the performance of competitive funds. The

22

---

Trustees noted the satisfactory investment performance of many Putnam funds. They also noted the disappointing investment performance of certain funds in recent years and continued to discuss with senior management of Putnam Management the factors contributing to such 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 under-performance. The Trustees indicated their intention to continue to monitor performance trends to assess the effectiveness of these changes and to evaluate whether additional remedial changes are warranted.

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

In the case of your fund, the Trustees considered that your fund's common share cumulative total return performance at net asset value was in the following percentiles of its Lipper Inc. peer group (Lipper General Municipal Debt Funds (leveraged closed-end); compared using tax-adjusted performance to recognize the different federal income tax treatment for capital gains distributions and exempt-interest distributions) for the one-, three-, and five-year periods ended December 31, 2004 (the first percentile being the best-performing funds and the 100th percentile being the worst-performing funds):

| One-year period | Three-year period | Five-year period |
|-----------------|-------------------|------------------|
| 25th            | 29th              | 51st             |

(Because of the passage of time, these performance results may differ from the performance results for more recent periods shown elsewhere in this report. Over the one-, three-, and five-year periods ended December 31, 2004, there were 65, 56, and 51 funds, respectively, in your fund's Lipper peer group.\* Past performance is no guarantee of future performance.)

As a general matter, the Trustees believe that cooperative efforts between the Trustees and Putnam Management represent the most effective way to address investment performance problems. The Trustees believe 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 believe 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 advisor for an underperforming fund would entail significant disruptions and would not provide any greater assurance of improved investment performance.

*\* The percentile rankings for your fund's common share annualized total return performance in the Lipper General Municipal Debt Funds (leveraged closed-end) category for the one-, five-, and ten-year periods ended June 30, 2006, were 67%, 83%, and 53%, respectively. Over the one-, five-, and ten-year periods ended June 30, 2006, the fund ranked 38th out of 56, 39th out of 46, and 21st out of 39 funds, respectively. Note that this more recent information was not available when the Trustees approved the continuance of your fund's management contract.*

23

### **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 contract with your fund. These include principally benefits related to brokerage and soft-dollar allocations, whereby a portion of the commissions paid by a fund for brokerage is earmarked to pay for research services that may be utilized by a fund's investment advisor, subject to the obligation to seek best execution. The Trustees believe that soft-dollar credits and other potential benefits associated with the allocation of fund brokerage, which pertains mainly to funds investing in equity securities, represent assets of the funds that should be used for the benefit of fund shareholders. This area has been marked by significant change in recent years. In July 2003, acting upon the Contract Committee's recommendation, the Trustees directed that allocations of brokerage to reward firms that sell fund shares be discontinued no later than December 31, 2003. In addition, commencing in 2004, the allocation of brokerage commissions by Putnam Management to acquire research services from third-party service providers has been significantly reduced, and continues at a modest level only to acquire research that is customarily not available for cash. The Trustees will continue to monitor the allocation of the funds' brokerage to ensure that the principle of "best price and execution" remains paramount in the portfolio trading process.

The Trustees' annual review of your fund's management contract also included the review of your fund's custodian and investor servicing agreements with Putnam Fiduciary Trust Company, which provide benefits to affiliates 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 mutual 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 mutual 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 have not relied on such comparisons to any significant extent in concluding that the management fees paid by your fund are reasonable.

24

---

## **Other information for shareholders**

### **Important notice regarding share repurchase program**

In October 2005, the Trustees of your fund authorized Putnam Investments to implement a repurchase program on behalf of your fund, which would allow your fund to repurchase up to 5% of its outstanding shares over the 12 months ending October 6, 2006. In March 2006, the Trustees approved an increase in this repurchase program to allow the fund to repurchase a total of up to 10% of its outstanding shares over the same period.

### **Important notice regarding delivery of shareholder documents**

In accordance with SEC regulations, Putnam sends a single copy of annual and semiannual shareholder reports, prospectuses, and proxy statements to Putnam shareholders who share the same address, unless a shareholder requests otherwise. If you prefer to receive your own copy of these documents, please call Putnam at 1-800-225-1581, and Putnam will begin sending individual copies within 30 days.

### **Proxy voting**

Putnam is committed to managing our mutual funds in the best interests of our shareholders. The Putnam funds' proxy voting guidelines and procedures, as well as information regarding how your fund voted proxies relating to portfolio securities during the 12-month period ended June 30, 2005, are available on the Putnam Individual Investor Web site, [www.putnam.com/individual](http://www.putnam.com/individual), and on the SEC's Web site, [www.sec.gov](http://www.sec.gov). If you have questions about finding forms on the SEC's Web site, you may call the SEC at 1-800-SEC-0330. You may also obtain the Putnam funds' proxy voting guidelines and procedures at no charge by calling Putnam's Shareholder Services at 1-800-225-1581.

### **Fund portfolio holdings**

The fund will file a complete schedule of its portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. Shareholders may obtain the fund's Forms N-Q on the SEC's Web site at [www.sec.gov](http://www.sec.gov). In addition, the fund's Forms N-Q may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. You may call the SEC at 1-800-SEC-0330 for information about the SEC's Web site or the operation of the Public Reference Room.

25

---

## **Financial statements**

## A guide to financial statements

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

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

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

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

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

Financial highlights provide an overview of the fund's investment results, per-share distributions, expense ratios, net investment income ratios, and portfolio turnover in one summary table, reflecting the five most recent reporting periods. In a semiannual report, the highlight table also includes the current reporting period.

26

## The fund's portfolio /31/06 (Unaudited)

### Key to abbreviations

|   |   |
|---|---|
| AMBAC AMBAC Indemnity Corporation                                 | GNMA Coll. Government National Mortgage         |
| COP Certificate of Participation                                  | Association Collateralized                      |
| FGIC Financial Guaranty Insurance Company                         | G.O. Bonds General Obligation Bonds             |
| FHA Insd. Federal Housing Administration Insured                  | MBIA MBIA Insurance Company                     |
| FHLMC Coll. Federal Home Loan Mortgage Corporation Collateralized | PSFG Permanent School Fund Guaranteed           |
| FNMA Coll. Federal National Mortgage Association Collateralized   | U.S. Govt. Coll. U.S. Government Collateralized |
| FSA Financial Security Assurance                                  | VRDN Variable Rate Demand Notes                 |
|   | XLCA XL Capital Assurance                       |

MUNICIPAL BONDS AND NOTES (162.3%)\*

Rating \*\*

Principal amount

Value

Alabama (0.2%)

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

Sylacauga, Hlth. Care Auth. Rev. Bonds

|  |     |    |         |    |         |
|--|-----|----|---------|----|---------|
| (Coosa Valley Med. Ctr.), Ser. A, 6s, 8/1/25 | B/P | \$ | 400,000 | \$ | 410,152 |
|--|-----|----|---------|----|---------|

---

Arizona (1.5%)

AZ Hlth. Fac. Auth. Hosp. Syst. Rev. Bonds

|   |     |  |         |  |         |
|---|-----|--|---------|--|---------|
| (John C. Lincoln Hlth. Network), 6 3/8s,<br>12/1/37 (Prerefunded) | BBB |  | 500,000 |  | 572,995 |
|---|-----|--|---------|--|---------|

Casa Grande, Indl. Dev. Auth. Rev. Bonds

|   |      |  |           |  |           |
|---|------|--|-----------|--|-----------|
| (Casa Grande Regl. Med. Ctr.), Ser. A,<br>7 5/8s, 12/1/29 | B+/P |  | 1,175,000 |  | 1,297,165 |
|---|------|--|-----------|--|-----------|

Pima Cnty., Indl. Dev. Auth. Rev. Bonds

|   |      |  |         |  |         |
|---|------|--|---------|--|---------|
| (Horizon Cmnty. Learning Ctr.), 5.05s, 6/1/25 | BBB- |  | 525,000 |  | 500,346 |
|---|------|--|---------|--|---------|

Scottsdale, Indl. Dev. Auth. Hosp. Rev.

|  |    |  |           |  |           |
|--|----|--|-----------|--|-----------|
| Bonds (Scottsdale Hlth. Care), 5.8s, 12/1/31 | A3 |  | 1,000,000 |  | 1,060,420 |
|  |    |  |           |  | 3,430,926 |

---

Arkansas (2.1%)

AR State Hosp. Dev. Fin. Auth. Rev. Bonds

|   |      |  |           |  |           |
|---|------|--|-----------|--|-----------|
| (Washington Regl. Med. Ctr.), 7 3/8s,<br>2/1/29 (Prerefunded) | Baa2 |  | 3,000,000 |  | 3,364,800 |
|---|------|--|-----------|--|-----------|

Independence Cnty., Poll. Control Rev.

|                                   |    |  |         |  |         |
|-----------------------------------|----|--|---------|--|---------|
| Bonds (Entergy, Inc.), 5s, 1/1/21 | A- |  | 500,000 |  | 502,725 |
|-----------------------------------|----|--|---------|--|---------|

Little Rock, G.O. Bonds (Cap. Impt.), FSA,

|               |     |  |         |  |           |
|---------------|-----|--|---------|--|-----------|
| 3.95s, 4/1/19 | Aaa |  | 760,000 |  | 748,167   |
|               |     |  |         |  | 4,615,692 |

27

---

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|   | Rating ** |    | Principal amount |    | Value     |
|---|-----------|----|------------------|----|-----------|
| <hr/>   |           |    |                  |    |           |
| California (20.3%)  |           |    |                  |    |           |
| Anaheim, Pub. Fin. Auth. Tax Alloc. Rev.<br>Bonds, MBIA, 6.45s, 12/28/18        | Aaa       | \$ | 4,000,000        | \$ | 4,242,960 |
| CA Edl. Fac. Auth. Rev. Bonds (U. of the<br>Pacific), 5s, 11/1/21               | A2        |    | 525,000          |    | 540,461   |
| CA Hlth. Fac. Auth. Rev. Bonds (Sutter<br>Hlth.), Ser. A, MBIA, 5 3/8s, 8/15/30 | Aaa       |    | 2,500,000        |    | 2,584,700 |
| CA State G.O. Bonds   |           |    |                  |    |           |
| 5 1/8s, 4/1/23  | A1        |    | 500,000          |    | 521,050   |
| 5.1s, 2/1/34  | A1        |    | 750,000          |    | 759,075   |
| CA State Dept. of Wtr. Resources Rev.<br>Bonds, Ser. A                          |           |    |                  |    |           |
| 6s, 5/1/15 (Prerefunded)  | Aaa       |    | 1,500,000        |    | 1,693,545 |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  |        |            |            |
|--|--------|------------|------------|
| AMBAC, 5 1/2s, 5/1/13 #  | Aaa    | 13,000,000 | 14,212,250 |
| 5 1/2s, 5/1/11   | A2     | 1,500,000  | 1,610,310  |
| CA State Econ. Recvy. G.O. Bonds, Ser. A,<br>5s, 7/1/16  | Aa3    | 1,000,000  | 1,042,200  |
| CA Statewide Cmnty. Dev. Auth. COP (The<br>Internext Group), 5 3/8s, 4/1/30                                      | BBB    | 1,750,000  | 1,746,360  |
| Cathedral City, Impt. Board Act of 1915<br>Special Assmt. Bonds (Cove Impt. Dist.),<br>Ser. 04-02, 5.05s, 9/2/35 | BB+/P  | 270,000    | 267,130    |
| Chula Vista, Indl. Dev. Rev. Bonds (San<br>Diego Gas), Ser. B, 5s, 12/1/27                                       | A1     | 640,000    | 652,902    |
| Gilroy, Rev. Bonds (Bonfante Gardens<br>Park), 8s, 11/1/25   | B-/P   | 576,000    | 480,436    |
| Golden State Tobacco Securitization Corp.<br>Rev. Bonds<br>Ser. 03 A-1, 6 1/4s, 6/1/33                           | BBB    | 1,000,000  | 1,088,320  |
| Ser. B, 5 5/8s, FHLMC Coll., 6/1/38<br>(Prerefunded)   | AAA    | 1,500,000  | 1,653,090  |
| Ser. 03 A-1, 5s, 6/1/21  | BBB    | 420,000    | 422,369    |
| Orange Cnty., Cmnty. Fac. Dist. Special<br>Tax Rev. Bonds (Ladera Ranch - No. 02-1),<br>Ser. A, 5.55s, 8/15/33   | BBB/P  | 450,000    | 458,451    |
| Riverside Cnty., Redev. Agcy. Tax Alloc.,<br>Ser. A, XLCA, 5s, 10/1/29   | Aaa    | 4,700,000  | 4,808,899  |
| Roseville, Cmnty. Fac. Special Tax Bonds<br>(Dist. No. 1 - Westpark), 5 1/4s, 9/1/19                             | BB/P   | 875,000    | 894,206    |
| Sacramento, Special Tax Bonds (North<br>Natomas Cmnty. Fac.), 5s, 9/1/18   | BB/P   | 1,040,000  | 1,051,118  |
| Santa Clara Cnty., Fin. Auth. Lease Rev.<br>Bonds (Multiple Fac.), Ser. I, AMBAC,<br>5s, 5/15/20                 | Aaa    | 3,000,000  | 3,160,950  |
| Vallejo, COP (Marine World Foundation),<br>7.2s, 2/1/26  | BBB-/P | 1,400,000  | 1,449,378  |
|  |        |            | 45,340,160 |

28

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|   | Rating ** | Principal amount | Value        |
|---|-----------|------------------|--------------|
| Colorado (4.6%)   |           |                  |              |
| CO Hlth. Fac. Auth. Rev. Bonds (Hlth. Fac. -<br>Evangelical Lutheran), 3.35s, 10/1/06 | A3        | \$ 2,500,000     | \$ 2,489,025 |
| CO Springs, Hosp. Rev. Bonds<br>6 3/8s, 12/15/30 (Prerefunded)                        | A3        | 1,485,000        | 1,656,503    |
| 6 3/8s, 12/15/30  | A3        | 1,515,000        | 1,645,139    |

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

### CO State Hsg. Fin. Auth. Rev. Bonds (Single Fam.)

|  |     |           |            |
|--|-----|-----------|------------|
| Ser. B-2 , 7s, 5/1/26  | Aa2 | 95,000    | 96,154     |
| Ser. B-3, 6.8s, 11/1/28  | Aa2 | 50,000    | 50,451     |
| Denver, City & Cnty. Arpt. Rev. Bonds,<br>MBIA, 5 1/2s, 11/15/25 | Aaa | 2,500,000 | 2,543,475  |
| U. of CO. Enterprise Syst. Rev. Bonds,<br>FGIC, 5s, 6/1/26       | Aaa | 1,650,000 | 1,714,152  |
|  |     |           | 10,194,899 |

### Delaware (0.7%)

#### GMAC Muni. Mtge. Trust 144A sub. notes

|                           |    |           |           |
|---------------------------|----|-----------|-----------|
| Ser. A1-3, 5.3s, 10/31/39 | A3 | 500,000   | 514,500   |
| Ser. A1-2, 4.9s, 10/31/39 | A3 | 1,000,000 | 1,010,250 |
|                           |    |           | 1,524,750 |

### District of Columbia (1.9%)

|   |     |           |           |
|---|-----|-----------|-----------|
| DC, G.O. Bonds, Ser. B, FSA, 5 1/4s, 6/1/26 | Aaa | 4,000,000 | 4,148,760 |
|---|-----|-----------|-----------|

### Florida (3.2%)

#### Escambia Cnty., Hlth. Fac. Auth. Rev. Bonds (Baptist Hosp. & Baptist Manor),

|                 |      |           |           |
|-----------------|------|-----------|-----------|
| 5 1/8s, 10/1/19 | Baa1 | 1,895,000 | 1,920,128 |
|-----------------|------|-----------|-----------|

#### Lee Cnty., Indl. Dev. Auth. Rev. Bonds (Alliance Cmnty.), Ser. C, 5 1/2s, 11/15/29

|  |      |           |         |
|--|------|-----------|---------|
|  | BBB- | 1,000,000 | 993,580 |
|--|------|-----------|---------|

#### Miami Beach, Hlth. Fac. Auth. Hosp. Rev. Bonds (Mount Sinai Med. Ctr.),

|                  |     |           |           |
|------------------|-----|-----------|-----------|
| 5 3/8s, 11/15/28 | BB+ | 2,000,000 | 1,987,560 |
|------------------|-----|-----------|-----------|

#### Okeechobee Cnty., Solid Waste Mandatory Put Bonds (Waste Mgt./Landfill), Ser. A, 4.2s, 7/1/09

|  |     |         |         |
|--|-----|---------|---------|
|  | BBB | 375,000 | 373,601 |
|--|-----|---------|---------|

#### Reunion West, Cmnty. Dev. Dist. Special Assmt. Bonds, 6 1/4s, 5/1/36

|  |       |         |         |
|--|-------|---------|---------|
|  | BB-/P | 850,000 | 887,655 |
|--|-------|---------|---------|

#### Tern Bay, Cmnty. Dev. Dist. Rev. Bonds, Ser. B, 5s, 5/1/15

|  |       |         |         |
|--|-------|---------|---------|
|  | BB-/P | 450,000 | 449,595 |
|--|-------|---------|---------|

#### Tolomato, Cmnty. Dev. Dist. Special Assmt. Bonds, 5.4s, 5/1/37

|  |       |         |         |
|--|-------|---------|---------|
|  | BB-/P | 175,000 | 175,224 |
|--|-------|---------|---------|

#### Wentworth Estates Cmnty., Dev. Dist.

|   |       |         |         |
|---|-------|---------|---------|
| Special Assmt. Bonds, Ser. B, 5 1/8s, 11/1/12 | BB-/P | 465,000 | 466,460 |
|---|-------|---------|---------|

7,253,803

29

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  | Rating ** | Principal amount | Value        |
|--|-----------|------------------|--------------|
| Georgia (5.4%)   |           |                  |              |
| Atlanta, Arpt. Rev. Bonds, Ser. B, FGIC,<br>5 5/8s, 1/1/30   | Aaa       | \$ 1,500,000     | \$ 1,565,325 |
| Atlanta, Wtr. & Waste Wtr. Rev. Bonds,<br>Ser. A, FGIC, 5s, 11/1/38 (Prerefunded)                                      | Aaa       | 1,045,000        | 1,089,695    |
| Burke Cnty., Poll. Control Dev. Auth.<br>Mandatory Put Bonds (GA Power Co.),<br>4.45s, 12/1/08                         | A2        | 2,300,000        | 2,331,349    |
| Cobb Cnty., Dev. Auth. U. Fac. Rev. Bonds<br>(Kennesaw State U. Hsg.), Ser. A, MBIA,<br>5s, 7/15/29                    | Aaa       | 5,215,000        | 5,361,750    |
| GA Med. Ctr. Hosp. Auth. Rev. Bonds, MBIA,<br>6.367s, 8/1/10   | Aaa       | 600,000          | 600,984      |
| Rockdale Cnty., Dev. Auth. Solid Waste<br>Disp. Rev. Bonds (Visay Paper, Inc.),<br>7.4s, 1/1/16                        | B+/P      | 1,200,000        | 1,200,576    |
|  |           |                  | 12,149,679   |
| Hawaii (0.4%)  |           |                  |              |
| HI State Hsg. & Cmnty. Dev. Corp. Rev.<br>Bonds (Single Fam. Mtge.), Ser. B, 3.7s, 1/1/22                              | Aaa       | 900,000          | 889,344      |
| Idaho (0.2%)   |           |                  |              |
| ID Hsg. & Fin. Assn. Rev. Bonds (Single<br>Fam. Mtge.), Ser. C-2, FHA Insd., 5.15s, 7/1/29                             | Aaa       | 500,000          | 507,585      |
| Illinois (11.5%)   |           |                  |              |
| Chicago, G.O. Bonds, Ser. A, FSA, 5s, 1/1/27   | Aaa       | 4,270,000        | 4,389,005    |
| Chicago, Board of Ed. G.O. Bonds<br>(School Reform), Ser. A<br>AMBAC, 5 1/4s, 12/1/27                                  | Aaa       | 2,500,000        | 2,596,675    |
| FGIC, zero %, 12/1/18  | Aaa       | 5,440,000        | 3,008,374    |
| Cook Cnty., Cmnty. G.O. Bonds (Cons.<br>School Dist. No. 64 Pk. Ridge), FSA,<br>5 1/2s, 12/1/16                        | Aaa       | 1,580,000        | 1,757,055    |
| IL Dev. Fin. Auth. Rev. Bonds (Midwestern<br>U.), Ser. B, 6s, 5/15/26  | A-        | 1,600,000        | 1,727,728    |
| IL Dev. Fin. Auth. Hosp. Rev. Bonds<br>(Adventist Hlth. Syst./Sunbelt<br>Obligation), 5.65s, 11/15/24<br>(Prerefunded) | A2        | 2,500,000        | 2,669,075    |
| IL State Toll Hwy. Auth. Rev. Bonds, FSA,  |           |                  |              |



Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|   |     |           |            |
|---|-----|-----------|------------|
| Ser. A-1, 5s, 1/1/23<br>IL U. Rev. Bonds (Auxiliary Fac. Syst.),<br>Ser. A, AMBAC, 5 1/4s, 4/1/19 | Aaa | 2,250,000 | 2,349,495  |
| Schaumburg, G.O. Bonds, Ser. B, FGIC, 5s,<br>12/1/27  | Aaa | 5,000,000 | 5,153,400  |
|   |     |           | 25,786,436 |

30

---

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|   | Rating ** | Principal amount | Value        |
|---|-----------|------------------|--------------|
| Indiana (1.6%)  |           |                  |              |
| IN State Dev. Fin. Auth. Env. Impt. Rev.<br>Bonds (USX Corp.), 5.6s, 12/1/32        | Baa1      | \$ 2,600,000     | \$ 2,671,942 |
| Rockport, Poll. Control Rev. Bonds<br>(Indiana-Michigan Pwr.), Ser. A, 4.9s, 6/1/25 | Baa2      | 1,000,000        | 1,005,550    |
|   |           |                  | 3,677,492    |

---

Iowa (0.9%)

|  |        |           |           |
|--|--------|-----------|-----------|
| IA Fin. Auth. Hlth. Care Fac. Rev. Bonds<br>(Care Initiatives), 9 1/4s, 7/1/25 | BBB-/P | 1,695,000 | 2,007,439 |
|--|--------|-----------|-----------|

---

Kansas (0.1%)

|   |    |         |         |
|---|----|---------|---------|
| Salina, Hosp. Rev. Bonds (Salina Regl.<br>Hlth.), 5s, 10/1/23 | A1 | 300,000 | 306,759 |
|---|----|---------|---------|

---

Louisiana (0.9%)

|  |     |           |           |
|--|-----|-----------|-----------|
| Ernest N. Morial-New Orleans, Exhibit Hall<br>Auth. Special Tax Bonds, Ser. A, AMBAC,<br>5 1/4s, 7/15/21 | Aaa | 1,500,000 | 1,555,725 |
| LA Pub. Fac. Auth. Rev. Bonds (Pennington<br>Med. Foundation), 5s, 7/1/16                                | A3  | 400,000   | 414,076   |
|  |     |           | 1,969,801 |

---

Maine (0.5%)

|   |     |           |           |
|---|-----|-----------|-----------|
| ME State Hsg. Auth. Rev. Bonds,<br>Ser. D-2-AMT, 5s, 11/15/27 | Aa1 | 1,185,000 | 1,204,647 |
|---|-----|-----------|-----------|

---

Massachusetts (11.3%)

MA State Dev. Fin. Agcy. Rev. Bonds (MA

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|   |  |   |   |
|---|--|---|---|
| Biomedical Research), Ser. C, 6 3/8s, 8/1/17<br>MA State Hlth. & Edl. Fac. Auth. Rev. Bonds<br>(Civic Investments/HPHC),<br>Ser. A, 9s, 12/15/15<br>(Jordan Hosp.), Ser. E, 6 3/4s, 10/1/33<br>(Med. Ctr. of Central MA), AMBAC,<br>6.55s, 6/23/22<br>(UMass Memorial), Ser. D, 5s, 7/1/33<br>MA State Hsg. Fin. Agcy. Rev. Bonds<br>(Rental Mtge.), Ser. C, AMBAC,<br>5 5/8s, 7/1/40 | A1<br><br>BBB-/P<br>BBB-<br><br>Aaa<br>Baa2<br><br>Aaa | 2,785,000<br><br>1,000,000<br>750,000<br><br>16,400,000<br>500,000<br><br>2,500,000 | 3,017,074<br><br>1,206,250<br>814,365<br><br>17,214,579<br>496,315<br><br>2,542,350<br>25,290,933 |
|---|--|---|---|

Michigan (4.0%)

|   |                              |                                    |                                    |
|---|------------------------------|------------------------------------|------------------------------------|
| Detroit, Swr. Disp. VRDN, Ser. B, FSA,<br>3.21s, 7/1/33<br>Dickinson Cnty., Econ. Dev. Corp. Poll.<br>Control Rev. Bonds (Intl. Paper Co.),<br>Ser. A, 4.8s, 11/1/18<br>Flint, Hosp. Bldg. Auth. Rev. Bonds<br>(Hurley Med. Ctr.), 6s, 7/1/20 | VMIG1<br><br>BBB<br><br>Baa3 | 3,150,000<br><br>900,000<br>75,000 | 3,150,000<br><br>876,168<br>77,346 |
|---|------------------------------|------------------------------------|------------------------------------|

31

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|   | Rating **                      | Principal amount  | Value  |
|---|--------------------------------|---|--|
| <i>Michigan continued</i>   |                                |   |  |
| MI State Hosp. Fin. Auth. Rev. Bonds<br>(Oakwood Hosp.), Ser. A, 5 3/4s, 4/1/32<br>(Holland Cmnty. Hosp.), Ser. A, FGIC,<br>5 3/4s, 1/1/21<br>MI State Hsg. Dev. Auth. Rev. Bonds,<br>Ser. A, 3.9s, 6/1/30<br>Saginaw Cnty., G.O. Bonds (Healthsource<br>Saginaw, Inc.), MBIA, 5s, 5/1/26 | A2<br><br>A2<br><br>Aaa<br>Aaa | \$ 1,000,000<br><br>1,250,000<br><br>1,200,000<br>1,210,000 | \$ 1,044,000<br><br>1,333,588<br><br>1,192,176<br>1,260,251<br>8,933,529 |

Minnesota (2.3%)

|  |             |                            |                            |
|--|-------------|----------------------------|----------------------------|
| Cohasset, Poll. Control Rev. Bonds<br>(Allete, Inc.), 4.95s, 7/1/22<br>Minneapolis, Cmnty. Dev. Agcy. Supported<br>Dev. Rev. Bonds, Ser. G-3, 5.45s, 12/1/31<br>Minneapolis, Hlth. Care Syst. VRDN | A<br><br>A+ | 2,500,000<br><br>1,705,000 | 2,504,850<br><br>1,841,434 |
|--|-------------|----------------------------|----------------------------|

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  |       |         |           |
|--|-------|---------|-----------|
| (Fairview Hlth. Svcs.), Ser. C, MBIA,<br>3.21s, 11/15/26                     | VMIG1 | 500,000 | 500,000   |
| St. Paul, Hsg. & Redev. Auth. Hosp. Rev.<br>Bonds (Hlth. East), 6s, 11/15/25 | Baa3  | 350,000 | 377,720   |
|  |       |         | 5,224,004 |

---

Mississippi (2.4%)

|   |      |           |           |
|---|------|-----------|-----------|
| Lowndes Cnty., Solid Waste Disp. & Poll.<br>Control Rev. Bonds (Weyerhaeuser Co.)<br>Ser. A, 6.8s, 4/1/22 | Baa2 | 500,000   | 590,290   |
| Ser. B, 6.7s, 4/1/22  | Baa2 | 525,000   | 614,156   |
| MS Bus. Fin. Corp. Poll. Control Rev.<br>Bonds (Syst. Energy Resources, Inc.),<br>5 7/8s, 4/1/22          | BBB- | 1,750,000 | 1,760,885 |
| MS Dev. Bk. Special Obligation Rev. Bonds<br>(Jackson, MS), FSA, 5 1/4s, 3/1/21                           | Aaa  | 1,385,000 | 1,516,326 |
| MS Home Corp. Rev. Bonds (Single Fam.<br>Mtge.), Ser. B-2, GNMA Coll., FNMA Coll.,<br>6.45s, 12/1/33      | Aaa  | 740,000   | 773,263   |
|   |      |           | 5,254,920 |

---

Missouri (2.3%)

|   |     |           |           |
|---|-----|-----------|-----------|
| Cape Girardeau Cnty., Indl. Dev. Auth.<br>Hlth. Care Fac. Rev. Bonds (St. Francis<br>Med. Ctr.), Ser. A, 5 1/2s, 6/1/16 | A+  | 1,250,000 | 1,328,863 |
| MO Hsg. Dev. Comm. Rev. Bonds<br>(Home Ownership), Ser. D, GNMA Coll.,<br>FNMA Coll., 5.55s, 9/1/34                     | Aaa | 1,120,000 | 1,152,032 |
| MO State Hlth. & Edl. Fac. Auth. Rev.<br>Bonds (BJC Hlth. Syst.), 5 1/4s, 5/15/32                                       | Aa2 | 1,000,000 | 1,034,030 |

32

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|   | Rating ** | Principal amount | Value      |
|---|-----------|------------------|------------|
| <i>Missouri continued</i>   |           |                  |            |
| MO State Hsg. Dev. Comm. Mtge. Rev. Bonds<br>(Single Fam. Homeowner Loan)<br>Ser. A-2, GNMA Coll., 6.3s, 3/1/30 | AAA       | \$ 850,000       | \$ 883,108 |
| Ser. C, GNMA Coll., FNMA Coll.,<br>5.6s, 9/1/35   | AAA       | 700,000          | 740,691    |
|   |           |                  | 5,138,724  |

---

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

Nevada (3.7%)

|  |       |           |           |
|--|-------|-----------|-----------|
| Clark Cnty., Arpt. Rev. Bonds, Ser. A-2,<br>FGIC, 5 1/8s, 7/1/26                 | Aaa   | 5,105,000 | 5,311,804 |
| Clark Cnty., Impt. Dist. Special Assmt.<br>Bonds (Summerlin No. 151), 5s, 8/1/25 | BB/P  | 700,000   | 683,928   |
| Henderson, Local Impt. Dist. Special<br>Assmt. Bonds<br>(No. T-16), 5.1s, 3/1/21 | BB-/P | 1,000,000 | 995,820   |
| (No. T-17), 5s, 9/1/25   | BB/P  | 225,000   | 221,432   |
| (No. T-14), 4 3/4s, 3/1/10   | BB/P  | 1,135,000 | 1,144,205 |
|  |       |           | 8,357,189 |

---

New Hampshire (0.4%)

|  |      |         |         |
|--|------|---------|---------|
| NH State Bus. Fin. Auth. Poll. Control<br>Rev. Bonds, 3 1/2s, 7/1/27 | Baa2 | 950,000 | 919,154 |
|--|------|---------|---------|

---

New Jersey (6.9%)

|   |        |           |            |
|---|--------|-----------|------------|
| NJ Econ. Dev. Auth. Rev. Bonds<br>(Cedar Crest Vlg., Inc.), Ser. A,<br>7 1/4s, 11/15/31 | BB-/P  | 650,000   | 701,981    |
| (Cigarette Tax), 5 3/4s, 6/15/29  | Baa2   | 1,750,000 | 1,857,258  |
| (Motor Vehicle), Ser. A, MBIA, 5s, 7/1/27   | Aaa    | 5,000,000 | 5,184,600  |
| NJ State G.O. Bonds, Ser. F, MBIA,<br>5 1/2s, 8/1/11                                    | AAA    | 3,100,000 | 3,350,511  |
| NJ State Rev. Bonds (Trans. Syst.),<br>Ser. C, AMBAC, zero %, 12/15/24                  | Aaa    | 4,800,000 | 1,961,088  |
| NJ State Edl. Fac. Auth. Rev. Bonds<br>(Fairleigh Dickinson), Ser. C, 6s, 7/1/20        | BBB-/F | 750,000   | 823,815    |
| Tobacco Settlement Fin. Corp. Rev. Bonds<br>6 3/4s, 6/1/39                              | BBB    | 500,000   | 557,310    |
| 6s, 6/1/37  | BBB    | 1,000,000 | 1,048,570  |
|   |        |           | 15,485,133 |

---

New Mexico (0.6%)

|  |     |         |           |
|--|-----|---------|-----------|
| NM Fin. Auth. Rev. Bonds, Ser. A, MBIA,<br>5s, 6/15/22   | Aaa | 750,000 | 784,305   |
| NM Mtge. Fin. Auth. Rev. Bonds (Single<br>Fam. Mtge.), Ser. D-2, GNMA Coll., FNMA<br>Coll., FHLMC Coll., 5.64s, 9/1/33 | AAA | 440,000 | 455,176   |
|  |     |         | 1,239,481 |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  | Rating ** | Principal amount | Value        |
|--|-----------|------------------|--------------|
| New York (20.1%)   |           |                  |              |
| NY City, G.O. Bonds, Ser. B, 5 1/4s, 12/1/09   | AA-       | \$ 7,780,000     | \$ 8,142,704 |
| NY City, Hsg. Dev. Corp. Rev. Bonds,<br>Ser. A, FGIC, 5s, 7/1/25                                     | Aaa       | 500,000          | 518,060      |
| NY City, Indl. Dev. Agcy. Rev. Bonds<br>(Liberty-7 World Trade Ctr.), Ser. A,<br>6 1/4s, 3/1/15      | B-/P      | 500,000          | 527,150      |
| (Brooklyn Navy Yard Cogen. Partners),<br>Ser. G, 5 3/4s, 10/1/36                                     | BBB-      | 2,000,000        | 2,005,880    |
| NY City, Indl. Dev. Agcy. Special Fac.<br>Rev. Bonds (British Airways PLC),<br>5 1/4s, 12/1/32       | Ba2       | 750,000          | 701,235      |
| NY City, Muni. Wtr. & Swr. Fin. Auth.<br>Rev. Bonds<br>Ser. B, 5 3/4s, 6/15/26 (Prerefunded)         | AA+       | 4,100,000        | 4,226,813    |
| Ser. D, 5s, 6/15/37  | AA+       | 7,500,000        | 7,691,625    |
| NY State Energy Research & Dev. Auth. Gas<br>Fac. Rev. Bonds (Brooklyn Union Gas),<br>6.952s, 7/1/26 | A+        | 2,000,000        | 2,044,100    |
| NY State Env. Fac. Corp. Rev. Bonds,<br>5s, 6/15/32  | Aaa       | 4,000,000        | 4,124,160    |
| NY State Hwy. Auth. Rev. Bonds (Hwy. &<br>Bridge Trust Fund), Ser. B, FGIC, 5s, 4/1/17               | Aaa       | 3,000,000        | 3,192,900    |
| Port. Auth. NY & NJ Special Oblig. Rev.<br>Bonds (JFK Intl. Air Term. - 6), MBIA,<br>5.9s, 12/1/17   | Aaa       | 10,500,000       | 11,005,365   |
| Suffolk Cnty., Indl. Dev. Agcy. Rev. Bonds<br>(Peconic Landing), Ser. A, 8s, 10/1/30                 | B+/P      | 650,000          | 711,906      |
|  |           |                  | 44,891,898   |

|  |      |           |           |
|--|------|-----------|-----------|
| North Carolina (3.4%)  |      |           |           |
| NC Eastern Muni. Pwr. Agcy. Syst.<br>Rev. Bonds  |      |           |           |
| Ser. D, 6 3/4s, 1/1/26   | Baa2 | 1,000,000 | 1,091,660 |
| Ser. A, 5 3/4s, 1/1/26   | Baa2 | 2,000,000 | 2,112,220 |
| NC State Muni. Pwr. Agcy. Rev. Bonds (No. 1,<br>Catawba Elec.), Ser. B, 6 1/2s, 1/1/20 | A3   | 3,500,000 | 3,811,500 |
| U. of NC Chapel Hill Hosp. Rev. Bonds,<br>Ser. A, 5s, 2/1/11                           | AA-  | 500,000   | 520,375   |
|  |      |           | 7,535,755 |

|   |  |  |  |
|---|--|--|--|
| North Dakota (0.4%)                     |  |  |  |
| ND State Board of Higher Ed. Rev. Bonds |  |  |  |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

(U. of ND Hsg. & Auxillary Fac.), FSA

|            |     |         |         |
|------------|-----|---------|---------|
| 5s, 4/1/21 | Aaa | 400,000 | 417,976 |
| 5s, 4/1/19 | Aaa | 500,000 | 524,910 |
|            |     |         | 942,886 |

34

---

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|  | Rating ** | Principal amount | Value        |
|--|-----------|------------------|--------------|
| Ohio (2.8%)  |           |                  |              |
| Brookville, Local School Dist. G.O. Bonds,<br>FSA, 5s, 12/1/31                               | Aaa       | \$ 1,000,000     | \$ 1,029,560 |
| Coshocton Cnty., Env. Rev. Bonds<br>(Smurfit-Stone Container Corp.),<br>5 1/8s, 8/1/13       | CCC+      | 600,000          | 577,524      |
| OH State Air Quality Dev. Auth. Rev. Bonds<br>(Toledo Poll. Control), Ser. A, 6.1s, 8/1/27   | Baa2      | 2,000,000        | 2,082,740    |
| Rickenbacker, Port Auth. Rev. Bonds (OASBO<br>Expanded Asset Pooled), Ser. A, 5 3/8s, 1/1/32 | A2        | 2,500,000        | 2,679,575    |
|  |           |                  | 6,369,399    |

---

Oklahoma (0.5%)

|   |     |           |           |
|---|-----|-----------|-----------|
| OK Dev. Fin. Auth. Rev. Bonds (Hillcrest<br>Hlth. Care Syst.), Ser. A, U.S. Govt.<br>Coll., 5 5/8s, 8/15/29 (Prerefunded) | Aaa | 1,050,000 | 1,117,683 |
|---|-----|-----------|-----------|

---

Oregon (0.4%)

|   |     |         |         |
|---|-----|---------|---------|
| OR State Hsg. & Cmnty. Svcs. Dept. Rev.<br>Bonds (Single Family Mtge.), Ser. K,<br>5 5/8s, 7/1/29 | Aa2 | 845,000 | 870,908 |
|---|-----|---------|---------|

---

Pennsylvania (5.4%)

|   |      |           |           |
|---|------|-----------|-----------|
| Bucks Cnty., Indl. Dev. Auth. Retirement<br>Cmnty. Rev. Bonds (Ann's Choice, Inc.),<br>Ser. A, 5.4s, 1/1/15   | BB/P | 530,000   | 527,467   |
| Carbon Cnty., Indl. Dev. Auth. Rev. Bonds<br>(Panther Creek Partners), 6.65s, 5/1/10                          | BBB- | 870,000   | 913,448   |
| Lancaster Cnty., Hosp. Auth. Rev. Bonds<br>(Gen. Hosp.), 5 1/2s, 3/15/26                                      | A1   | 1,500,000 | 1,575,015 |
| Lehigh Cnty., Gen. Purpose Auth. Rev.<br>Bonds (Lehigh Valley Hosp. Hlth.<br>Network), Ser. A, 5 1/4s, 7/1/32 | A1   | 1,000,000 | 1,022,410 |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

PA State Econ. Dev. Fin. Auth. Resource

Recvy. Rev. Bonds

|   |     |           |            |
|---|-----|-----------|------------|
| (Northampton Generating), Ser. A, 6.6s, 1/1/19                  | B+  | 750,000   | 737,963    |
| PA State Higher Edl. Fac. Auth. Rev. Bonds                      |     |           |            |
| (Philadelphia College of Osteopathic Med.), 5s, 12/1/08         | A   | 1,045,000 | 1,069,265  |
| Philadelphia, School Dist. G.O. Bonds, Ser. D, FGIC, 5s, 6/1/27 | Aaa | 5,000,000 | 5,179,750  |
| Sayre, Hlth. Care Fac. Auth. Rev. Bonds                         |     |           |            |
| (Guthrie Hlth.), Ser. A, 5 7/8s, 12/1/31                        | A-  | 1,000,000 | 1,062,020  |
|   |     |           | 12,087,338 |

Puerto Rico (2.6%)

Cmnwlth. of PR, Govt. Dev. Bank Rev.

|  |      |           |           |
|--|------|-----------|-----------|
| Bonds, Ser. AA, 5s, 12/1/16              | BBB  | 250,000   | 259,510   |
| Cmnwlth. of PR, Hwy. & Trans. Auth. Rev. |      |           |           |
| Bonds, Ser. B, 6s, 7/1/39 (Prerefunded)  | BBB+ | 5,000,000 | 5,481,900 |
|  |      |           | 5,741,410 |

35

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|  | Rating ** | Principal amount | Value        |
|--|-----------|------------------|--------------|
| South Carolina (3.2%)  |           |                  |              |
| Florence Cnty., Hosp. Rev. Bonds (McLeod Regl. Med. Ctr.), Ser. A, FSA, 5 1/4s, 11/1/23                          | Aaa       | \$ 2,515,000     | \$ 2,667,384 |
| Greenwood Cnty., Hosp. Rev. Bonds (Memorial Hosp.), 5 1/2s, 10/1/26  | A2        | 750,000          | 782,213      |
| SC Hosp. Auth. Rev. Bonds (Med. U.), Ser. A, 6 1/2s, 8/15/32 (Prerefunded)                                       | AAA       | 1,000,000        | 1,142,380    |
| SC Jobs Econ. Dev. Auth. Hosp. Fac. Rev. Bonds (Palmetto Hlth. Alliance), Ser. A, 7 3/8s, 12/15/21 (Prerefunded) | BBB+/F    | 600,000          | 696,384      |
| SC Tobacco Settlement Rev. Mgt. Rev. Bonds, Ser. B, 6 3/8s, 5/15/28  | BBB       | 1,750,000        | 1,869,490    |
|  |           |                  | 7,157,851    |

South Dakota (1.0%)

SD Edl. Enhancement Funding Corp. Rev.

|                               |     |           |           |
|-------------------------------|-----|-----------|-----------|
| Bonds, Ser. B, 6 1/2s, 6/1/32 | BBB | 2,000,000 | 2,169,560 |
|-------------------------------|-----|-----------|-----------|

Tennessee (4.4%)

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

Johnson City, Hlth. & Edl. Fac. Board  
Hosp. Rev. Bonds

|  |      |           |           |
|--|------|-----------|-----------|
| (Mountain States Hlth.), Ser. A,<br>7 1/2s, 7/1/25                 | BBB+ | 2,000,000 | 2,318,680 |
| (First Mtge. - Mountain States Hlth.),<br>Ser. A, MBIA, 6s, 7/1/21 | Aaa  | 7,000,000 | 7,523,250 |
|  |      |           | 9,841,930 |

Texas (9.2%)

|   |      |           |           |
|---|------|-----------|-----------|
| Alliance, Arpt. Auth. Rev. Bonds (Federal<br>Express Corp.), 4.85s, 4/1/21                                    | Baa2 | 1,750,000 | 1,733,463 |
| Columbus, Indpt. School Dist. G.O. Bonds,<br>PSFG, 5 1/8s, 8/15/29  | Aaa  | 4,525,000 | 4,704,145 |
| Conroe, Indpt. School Dist. G.O. Bonds<br>(School House), PSFG, 5s, 2/15/26                                   | Aaa  | 2,905,000 | 2,994,590 |
| Gateway, Pub. Fac. Corp. Rev. Bonds<br>(Stonegate Villas Apt.), FNMA Coll.,<br>4.55s, 7/1/34                  | Aaa  | 750,000   | 764,700   |
| Harris Cnty., Hlth. Fac. Rev. Bonds<br>(Memorial Hermann Hlth. Care), Ser. A,<br>6 3/8s, 6/1/29 (Prerefunded) | A2   | 1,500,000 | 1,688,640 |
| Montgomery Cnty., G.O. Bonds (Library),<br>Ser. B, AMBAC, 5s, 3/1/26  | Aaa  | 1,335,000 | 1,375,691 |
| Sam Rayburn Muni. Pwr. Agcy. Rev. Bonds,<br>6s, 10/1/21   | Baa2 | 1,500,000 | 1,572,870 |
| Snyder, Indpt. School Dist. G.O. Bonds<br>(School Bldg.), AMBAC   |      |           |           |
| 5 1/4s, 2/15/24   | AAA  | 1,215,000 | 1,292,481 |
| 5 1/4s, 2/15/23   | AAA  | 1,150,000 | 1,225,900 |

36

MUNICIPAL BONDS AND NOTES (162.3%)\* *continued*

|  | Rating ** | Principal amount | Value        |
|--|-----------|------------------|--------------|
| <i>Texas continued</i>   |           |                  |              |
| Socorro, Indpt. School Dist. G.O. Bonds,<br>PSFG, 5s, 8/15/29        | A         | \$ 1,360,000     | \$ 1,397,631 |
| Tomball, Hosp. Auth. Rev. Bonds (Tomball<br>Regl. Hosp.), 6s, 7/1/19 | Baa3      | 1,700,000        | 1,789,165    |
|  |           |                  | 20,539,276   |

Utah (6.3%)

UT Cnty., Env. Impt. Rev. Bonds



Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|  |       |           |            |
|--|-------|-----------|------------|
| (Marathon Oil), 5.05s, 11/1/17   | Baa1  | 675,000   | 707,204    |
| UT State Pwr. Supply Rev. Bonds<br>Ser. A, MBIA, IBC, 6.15s, 7/1/14                        | AAA/P | 70,000    | 71,518     |
| (Intermountain Pwr. Agcy.), Ser. 06-A,<br>MBIA, IBC, 6.15s, 7/1/14                         | AAA/P | 4,650,000 | 4,751,510  |
| (Intermountain Pwr. Agcy.), Ser. A, MBIA,<br>U.S. Govt. Coll., 6.15s, 7/1/14 (Prerefunded) | Aaa   | 8,280,000 | 8,552,081  |
|  |       |           | 14,082,313 |

---

|  |     |         |         |
|--|-----|---------|---------|
| Vermont (0.4%)<br>VT Hsg. Fin. Agcy. Rev. Bonds, Ser. 19A,<br>FSA, 4.62s, 5/1/29 | Aaa | 915,000 | 923,976 |
|--|-----|---------|---------|

---

|  |    |           |           |
|--|----|-----------|-----------|
| Virginia (0.9%)<br>Prince William Cnty., Indl. Dev. Auth.<br>Hosp. Rev. Bonds (Potomac Hosp. Corp.),<br>5.35s, 10/1/36 | A3 | 2,000,000 | 2,072,620 |
|--|----|-----------|-----------|

---

|   |     |           |           |
|---|-----|-----------|-----------|
| Washington (1.1%)<br>Tobacco Settlement Auth. of WA Rev. Bonds,<br>6 1/2s, 6/1/26 | BBB | 2,320,000 | 2,527,408 |
|---|-----|-----------|-----------|

---

|  |     |           |            |
|--|-----|-----------|------------|
| West Virginia (6.2%)<br>Econ. Dev. Auth. Lease Rev. Bonds<br>(Correctional Juvenile Safety), Ser. A,<br>MBIA, 5s, 6/1/29 | Aaa | 7,500,000 | 7,744,200  |
| West Virginia U. Rev. Bonds (Impt. West<br>VA. U.), Ser. C, FGIC, 5s, 10/1/26  | Aaa | 6,000,000 | 6,210,180  |
|  |     |           | 13,954,380 |

---

|  |     |           |           |
|--|-----|-----------|-----------|
| Wisconsin (3.7%)<br>Badger Tobacco Settlement Asset<br>Securitization Corp. Rev. Bonds<br>7s, 6/1/28 | BBB | 1,800,000 | 1,984,338 |
| 6 3/8s, 6/1/32   | BBB | 3,500,000 | 3,746,400 |
| WI State Hlth. & Edl. Fac. Auth. Rev.<br>Bonds (Wheaton Franciscan), 5 3/4s, 8/15/30                 | A2  | 2,500,000 | 2,627,100 |
|  |     |           | 8,357,838 |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

MUNICIPAL BONDS AND NOTES (162.3%)\*

continued

|   | Rating ** | Principal amount | Value      |
|---|-----------|------------------|------------|
| Wyoming (0.4%)<br>Sweetwater Cnty., Poll. Control<br>VRDN<br>(Pacifcorp.), Ser. B, 3.1s, 1/1/14 | P-1       | \$ 850,000       | \$ 850,000 |

TOTAL INVESTMENTS

Total investments (cost  
\$350,389,905) \$ 363,295,820

*Percentages indicated are based on net assets of  
\$223,863,637.*

\* *The Moody's, Standard & Poor's or Fitch's ratings indicated are believed to be the most recent  
ratings available at May 31,  
2006 for the securities listed. Ratings are generally ascribed to securities at the time of issuance.*

\*\* *While the agencies may  
from time to time revise such ratings, they undertake no obligation to do so, and the ratings do not  
necessarily represent  
what the agencies would ascribe to these securities at May 31, 2006. Securities rated by Putnam are  
indicated by [Y/P] .  
Securities rated by Fitch are  
indicated by [Y/F] .*

# *A portion of this security was pledged and segregated with the custodian to cover margin  
requirements for futures contracts  
at May 31, 2006.  
144A after the name of an issuer represents securities exempt from registration under Rule 144A of  
the Securities Act of 1933.  
These securities may be resold in transactions exempt from registration, normally to qualified  
institutional buyers.  
The rates shown on VRDN and Mandatory Put Bonds are the current interest  
rates at May 31, 2006.  
The dates shown on Mandatory Put Bonds are the next mandatory  
put dates.  
The fund had the following industry group concentrations greater than 10% at May 31, 2006 (as a  
percentage of net assets):*

*Health care 37.8%*

*Utilities and power 35.2*

*Air transportation 10.2*

*The fund had the following insurance concentrations greater than 10% at May 31, 2006 (as a  
percentage of net assets):*

*MBIA 25.7%*

*AMBAC 22.0*

*FGIC 15.3*

*FSA 10.6*

## FUTURES CONTRACTS OUTSTANDING at 5/31/06 (Unaudited)

|                                  | Number of<br>contracts | Value       | Expiration<br>date | Unrealized<br>appreciation |
|----------------------------------|------------------------|-------------|--------------------|----------------------------|
| U.S. Treasury Note 10 yr (Short) | 47                     | \$4,931,328 | Sep-06             | \$27,031                   |

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

38

## Statement of assets and liabilities 5/31/06 (Unaudited)

### ASSETS

|  |               |
|--|---------------|
| Investment in securities, at value (Note 1):         |               |
| Unaffiliated issuers (identified cost \$350,389,905) | \$363,295,820 |
| Cash   | 1,052,873     |
| Interest and other receivables                       | 5,990,696     |
| Receivable for securities sold                       | 145,000       |
| Receivable for variation margin (Note 1)             | 13,953        |
| Total assets   | 370,498,342   |

### LIABILITIES

|  |           |
|--|-----------|
| Distributions payable to shareholders                      | 854,538   |
| Accrued preferred shares distribution payable (Note 1)     | 52,164    |
| Payable for securities purchased                           | 4,837,490 |
| Payable for shares of the fund repurchased                 | 178,109   |
| Payable for compensation of Manager (Note 2)               | 511,361   |
| Payable for investor servicing and custodian fees (Note 2) | 26,466    |

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|   |               |
|---|---------------|
| Payable for Trustee compensation and expenses (Note 2)  | 48,797        |
| <hr/>   |               |
| Payable for administrative services (Note 2)  | 4,128         |
| <hr/>   |               |
| Other accrued expenses  | 121,652       |
| <hr/>   |               |
| Total liabilities   | 6,634,705     |
| <hr/>   |               |
| Series A remarketed preferred shares: (1,400 shares authorized and outstanding at \$100,000 per share) (Note 4) | 140,000,000   |
| <hr/>   |               |
| Net assets applicable to common shares outstanding  | \$223,863,637 |

### REPRESENTED BY

|   |               |
|---|---------------|
| Paid-in capital □ common shares (Unlimited shares authorized) (Note 1)  | \$231,210,129 |
| <hr/>   |               |
| Undistributed net investment income (Note 1)                            | 121,588       |
| <hr/>   |               |
| Accumulated net realized loss on investments (Note 1)                   | (20,401,026)  |
| <hr/>   |               |
| Net unrealized appreciation of investments                              | 12,932,946    |
| <hr/>   |               |
| Total □ Representing net assets applicable to common shares outstanding | \$223,863,637 |

### COMPUTATION OF NET ASSET VALUE

|  |         |
|--|---------|
| Net asset value per common share<br>(\$223,863,637 divided by 20,851,045 shares) | \$10.74 |
|--|---------|

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

39

---

## **Statement of operations** Six months ended 5/31/06 (Unaudited)

|                 |              |
|-----------------|--------------|
| INTEREST INCOME | \$ 8,988,243 |
| <hr/>           |              |
| EXPENSES        |              |
| <hr/>           |              |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|   |              |
|---|--------------|
| Compensation of Manager (Note 2)  | 1,027,630    |
| Investor servicing fees (Note 2)  | 56,980       |
| Custodian fees (Note 2)   | 62,271       |
| Trustee compensation and expenses (Note 2)  | 19,841       |
| Administrative services (Note 2)  | 12,700       |
| Preferred share remarketing agent fees  | 176,944      |
| Other   | 113,041      |
| Total expenses  | 1,469,407    |
| Expense reduction (Note 2)  | (43,443)     |
| Net expenses  | 1,425,964    |
| Net investment income   | 7,562,279    |
| Net realized loss on investments (Notes 1 and 3)  | (73,399)     |
| Net realized loss on futures contracts (Note 1)   | (108,737)    |
| Net unrealized depreciation of investments<br>and futures contracts during the period       | (2,086,094)  |
| Net loss on investments   | (2,268,230)  |
| Net increase in net assets resulting from operations  | \$ 5,294,049 |
| DISTRIBUTIONS TO SERIES A REMARKETED PREFERRED SHAREHOLDERS: (NOTE 1)                       |              |
| From tax exempt income  | (2,243,651)  |
| From ordinary income  | (5,620)      |
| Net increase in net assets resulting from operations<br>(applicable to common shareholders) | \$ 3,044,778 |

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

## Statement of changes in net assets

### INCREASE (DECREASE) IN NET ASSETS

|  | Six months ended<br>5/31/06* | Year ended<br>11/30/05 |
|--|------------------------------|------------------------|
| <i>Operations:</i>   |                              |                        |
| Net investment income  | \$ 7,562,279                 | \$ 15,007,413          |
| Net realized gain (loss) on investments  | (182,136)                    | 1,068,274              |
| Net unrealized appreciation (depreciation) of investments  | (2,086,094)                  | 671,266                |
| Net increase in net assets resulting from operations   | 5,294,049                    | 16,746,953             |
| Distributions to Series A remarketed preferred shareholders: (Note 1)  |                              |                        |
| From tax exempt income   | (2,243,651)                  | (3,259,131)            |
| From ordinary income   | (5,620)                      | (17,048)               |
| Net increase in net assets resulting from operations (applicable to common shareholders)   | 3,044,778                    | 13,470,774             |
| Distributions to common shareholders: (Note 1)   |                              |                        |
| From tax exempt income   | (5,167,369)                  | (11,664,433)           |
| From ordinary income   | (21,265)                     | (147,919)              |
| Decrease from shares repurchased (Note 5)  | (4,427,753)                  | (1,161,555)            |
| Total increase (decrease) in net assets  | (6,571,609)                  | 496,867                |
| NET ASSETS   |                              |                        |
| Beginning of period  | 230,435,246                  | 229,938,379            |
| End of period (including undistributed net investment income of \$121,588 and distributions in excess of net investment income of \$2,786, respectively) | \$223,863,637                | \$230,435,246          |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

NUMBER OF FUND SHARES

|  |            |            |
|--|------------|------------|
| Common shares outstanding at beginning of period                       | 21,313,768 | 21,438,811 |
| Shares repurchased (Note 5)  | (462,723)  | (125,043)  |
| Common shares outstanding at end of period                             | 20,851,045 | 21,313,768 |
| Remarketed preferred shares outstanding at beginning and end of period | 1,400      | 1,400      |

\* Unaudited

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

41

**Financial highlights** (For a common share outstanding throughout the period)

PER-SHARE OPERATING PERFORMANCE

|  | Six months ended** |          | Year ended |          |          |          |
|--|--------------------|----------|------------|----------|----------|----------|
|  | 5/31/06            | 11/30/05 | 11/30/04   | 11/30/03 | 11/30/02 | 11/30/01 |
| Net asset value, beginning of period (common shares)   | \$10.81            | \$10.73  | \$10.71    | \$10.41  | \$10.96  | \$10.88  |
| <i>Investment operations:</i>                          |                    |          |            |          |          |          |
| Net investment income (a)                              | .36                | .70      | .76        | .84      | .95      | 1.01     |
| Net realized and unrealized gain (loss) on investments | (.10)              | .07      | .06        | .36      | (.60)    | (.02)    |
| Total from investment operations                       | .26                | .77      | .82        | 1.20     | .35      | .99      |
| <i>Distributions to preferred shareholders:</i>        |                    |          |            |          |          |          |
| From net investment income                             | (.11)              | (.15)    | (.08)      | (.07)    | (.10)    | (.20)    |
| <i>Total from investment operations:</i>               |                    |          |            |          |          |          |
| (applicable to common shareholders)                    | .15                | .62      | .74        | 1.13     | .25      | .79      |
| <i>Distributions to common shareholders:</i>           |                    |          |            |          |          |          |
| From net investment income                             | (.25)              | (.55)    | (.72)      | (.83)    | (.80)    | (.71)    |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|   |         |         |         |         |         |         |
|---|---------|---------|---------|---------|---------|---------|
| Total distributions   | (.25)   | (.55)   | (.72)   | (.83)   | (.80)   | (.71)   |
| Increase from shares repurchased                                | .03     | .01     | □       | □       | □       | □       |
| Net asset value, end of period (common shares)                  | \$10.74 | \$10.81 | \$10.73 | \$10.71 | \$10.41 | \$10.96 |
| Market price, end of period (common shares)                     | \$9.36  | \$9.34  | \$9.67  | \$10.74 | \$10.75 | \$10.67 |
| Total return at market price (common shares) (%) <sup>(b)</sup> | 2.82*   | 2.26    | (3.46)  | 8.07    | 8.58    | 15.96   |

RATIOS AND SUPPLEMENTAL DATA

|   |           |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Net assets, end of period common shares (in thousands)                  | \$223,864 | \$230,435 | \$229,938 | \$229,140 | \$221,432 | \$231,983 |
| Ratio of expenses to average net assets (%) <sup>(c)(d)</sup>           | .64*      | 1.40      | 1.39      | 1.42      | 1.46      | 1.49      |
| Ratio of net investment income to average net assets (%) <sup>(c)</sup> | 2.33*     | 5.00      | 6.34      | 7.26      | 7.99      | 7.19      |
| Portfolio turnover (%)  | 4.32*     | 24.16     | 29.59     | 32.72     | 19.25     | 23.05     |

\* *Not annualized.*

\*\* *Unaudited.*

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

(b) *Total return assumes dividend reinvestment.*

(c) *Ratios reflect net assets available to common shares only; net investment income ratio also reflects reduction for dividend payments to preferred shareholders.*

(d) *Includes amounts paid through expense offset arrangements (Note 2).*

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



## Notes to financial statements 5/31/06 (Unaudited)

### Note 1: Significant accounting policies

Putnam Investment Grade Municipal Trust (the "fund"), a Massachusetts business trust, is registered under the Investment Company Act of 1940, as amended, as a diversified, closed-end management investment company. The fund's investment objective is to provide as high a level of current income exempt from federal income tax as Putnam Investment Management, LLC ("Putnam Management"), the fund's manager, an indirect wholly-owned subsidiary of Putnam, LLC, believes to be consistent with preservation of capital. The fund intends to achieve its objective by investing in a diversified portfolio of tax-exempt municipal securities that Putnam Management believes do not involve undue risk to income or principal. Under normal circumstances, the fund will invest at least 80% of its net assets in investment-grade securities (rated "investment-grade" at the time of investment or, if not rated, determined by Putnam Management to be of comparable quality).

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

The following is a summary of significant accounting policies consistently followed by the fund in the preparation of its financial statements. The preparation of financial statements is in conformity with accounting principles generally accepted in the United States of America and requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements and the reported amounts of increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates.

A) Security valuation Tax-exempt bonds and notes are generally valued on the basis of valuations provided by an independent pricing service approved by the Trustees. Such services use information with respect to transactions in bonds, quotations from bond dealers, market transactions in comparable securities and various relationships between securities in determining value. Other investments are valued at fair value following procedures approved by the Trustees. Such valuations and procedures are reviewed periodically by the Trustees. The fair value of securities is generally determined as the amount that the fund could reasonably expect to realize from an orderly disposition of such securities over a reasonable period of time. By its nature, a fair value price is a good faith estimate of the value of a security at a given point in time and does not reflect an actual market price.

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

Interest income is recorded on the accrual basis. All premiums/discounts are amortized/accreted on a yield-to-maturity basis. The premium in excess of the call price, if any, is amortized to the call date; thereafter, any remaining premium is amortized to maturity.

C) Futures and options contracts The fund may use futures and options contracts to hedge against changes in the values of securities the fund owns or expects to purchase, or for other investment purposes. The fund may also write options on swaps or securities it owns or in which it may invest to increase its current returns.

The potential risk to the fund is that the change in value of futures and options contracts may not correspond to the change in value of the hedged instruments. In addition, losses may arise from changes in the value of the underlying instruments, if there is an illiquid secondary market for the contracts, or if the counterparty to the contract is unable to perform. Risks may exceed amounts recognized on the statement of assets and liabilities. When the contract is closed, the

43

---

fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. Realized gains and losses on purchased options are included in

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

realized gains and losses on investment securities. If a written call option is exercised, the premium originally received is recorded as an addition to sales proceeds. If a written put option is exercised, the premium originally received is recorded as a reduction to the cost of investments.

Futures contracts are valued at the quoted daily settlement prices established by the exchange on which they trade. The fund and the broker agree to exchange an amount of cash equal to the daily fluctuation in the value of the futures contract. Such receipts or payments are known as "variation margin." Exchange traded options are valued at the last sale price or, if no sales are reported, the last bid price for purchased options and the last ask price for written options. Options traded over-the-counter are valued using prices supplied by dealers. Futures and written option contracts outstanding at period end, if any, are listed after the fund's portfolio.

D) Federal taxes It is the policy of the fund to distribute all of its income within the prescribed time and otherwise comply with the provisions of the Internal Revenue Code of 1986 (the "Code") applicable to regulated investment companies. It is also the intention of the fund to distribute an amount sufficient to avoid imposition of any excise tax under Section 4982 of the Code, as amended. Therefore, no provision has been made for federal taxes on income, capital gains or unrealized appreciation on securities held nor for excise tax on income and capital gains.

At November 30, 2005, the fund had a capital loss carryover of \$19,713,365 available to the extent allowed by the Code to offset future net capital gain, if any. The amount of the carryover and the expiration dates are:

| Loss Carryover | Expiration        |
|----------------|-------------------|
| \$ 1,661,946   | November 30, 2006 |
| 2,968,039      | November 30, 2007 |
| 535,007        | November 30, 2009 |
| 1,282,640      | November 30, 2010 |
| 12,371,356     | November 30, 2011 |
| 894,377        | November 30, 2013 |

The aggregate identified cost on a tax basis is \$350,389,905, resulting in gross unrealized appreciation and depreciation of \$14,295,312 and \$1,389,397, respectively, or net unrealized appreciation of \$12,905,915.

E) Distributions to shareholders Distributions to common and preferred shareholders from net investment income are recorded by the fund on the ex-dividend date. Distributions from capital gains, if any, are recorded on the ex-dividend date and paid at least annually. Dividends on remarketed preferred shares become payable when, as and if declared by the Trustees. Each dividend period for the remarketed preferred shares is generally a seven day period. The applicable dividend rate for the remarketed preferred shares on May 31, 2006 was 3.40% . The amount and character of income and gains to be distributed are determined in accordance with income tax regulations, which may differ from generally accepted accounting principles. Dividend sources are estimated at the time of declaration. Actual results may vary. Any non-taxable return of capital cannot be determined until final tax calculations are completed after the end of the fund's fiscal year. Reclassifications are made to the fund's capital accounts to reflect income and gains available for distribution (or available capital loss carryovers) under income tax regulations.

F) Determination of net asset value Net asset value of the common shares is determined by dividing the value of all assets of the fund, less all liabilities and the liquidation preference of any outstanding remarketed preferred shares, by the total number of common shares outstanding as of period end.

**Note 2: Management fee, administrative services and other transactions**

Putnam Management is paid for management and investment advisory services quarterly based on the average net assets of the fund. Such fee is based on the lesser of (i) an annual rate of 0.55% of the average weekly net assets of the fund attributable to common and preferred shares outstanding or (ii) the following annual rates expressed as a percentage of the fund's average weekly net assets attributable to common and preferred shares outstanding: 0.65% of the first \$500 million and 0.55% of the next \$500 million, with additional breakpoints at higher asset levels.

Prior to January 1, 2006, the funds management fee was based on the annual rate of 0.65% of the average weekly net assets.

If dividends payable on remarketed preferred shares during any dividend payment period plus any expenses attributable to remarketed preferred shares for that period exceed the fund's gross income attributable to the proceeds of the remarketed preferred shares during that period, then the fee payable to Putnam Management for that period will be reduced by the amount of the excess (but not more than the effective management fee rate under the contract multiplied by the liquidation preference of the remarketed preferred shares outstanding during the period).

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

Custodial functions for the fund's assets are provided by Putnam Fiduciary Trust Company ("PFTC"), a subsidiary of Putnam, LLC. PFTC receives fees for custody services based on the fund's asset level, the number of its security holdings and transaction volumes. Putnam Investor Services, a division of PFTC, provides investor servicing agent functions to the fund. Putnam Investor Services is paid a monthly fee for investor servicing at an annual rate of 0.05% of the fund's average net assets. During the period ended May 31, 2006, the fund incurred \$119,251 for these services.

The fund has entered into an arrangement with PFTC whereby credits realized as a result of uninvested cash balances are used to reduce a portion of the fund's expenses. For the six months ended May 31, 2006, the fund's expenses were reduced by \$43,443 under these arrangements.

Each independent Trustee of the fund receives an annual Trustee fee, of which \$285, as a quarterly retainer, has been allocated to the fund, and an additional fee for each Trustees meeting attended. Trustees receive additional fees for attendance at certain committee meetings, industry seminars and for certain compliance-related matters. Trustees also are reimbursed for expenses they incur relating to their services as Trustees. George Putnam, III, who is not an independent Trustee, also receives the foregoing fees for his services as Trustee.

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

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

45

---

**Note 3: Purchases and sales of securities**

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

During the six months ended May 31, 2006, cost of purchases and proceeds from sales of investment securities other than short-term investments aggregated \$15,525,190 and \$16,152,245, respectively. There were no purchases or sales of U.S. government securities.

### **Note 4: Preferred shares**

The Series A remarketed preferred shares are redeemable at the option of the fund on any dividend payment date at a redemption price of \$100,000 per share, plus an amount equal to any dividends accumulated on a daily basis but unpaid through the redemption date (whether or not such dividends have been declared) and, in certain circumstances, a call premium.

Additionally, the fund has authorized a separate series of 2,000 Series I remarketed preferred shares, which are issuable only under certain conditions in exchange for Series A Remarketed Preferred shares. No Series I Remarketed Preferred shares are currently outstanding.

It is anticipated that dividends paid to holders of remarketed preferred shares will be considered tax-exempt dividends under the Internal Revenue Code of 1986. To the extent that the fund earns taxable income and capital gains by the conclusion of a fiscal year, it may be required to apportion to the holders of the remarketed preferred shares throughout that year additional dividends as necessary to result in an after-tax equivalent to the applicable dividend rate for the period.

Under the Investment Company Act of 1940, the fund is required to maintain asset coverage of at least 200% with respect to the remarketed preferred shares as of the last business day of each month in which any such shares are outstanding. Additionally, the fund is required to meet more stringent asset coverage requirements under terms of the remarketed preferred shares and restrictions imposed by the shares' rating agencies. Should these requirements not be met, or should dividends accrued on the remarketed preferred shares not be paid, the fund may be restricted in its ability to declare dividends to common shareholders or may be required to redeem certain of the remarketed preferred shares. At May 31, 2006, no such restrictions have been placed on the fund.

### **Note 5: Share repurchase program**

In October 2005, the Trustees of your fund authorized Putnam Investments to implement a repurchase program on behalf of your fund, which would allow your fund to repurchase up to 5% of its outstanding shares over the 12 months ending October 6, 2006. In March 2006, the Trustees approved an increase in this repurchase program to allow the fund to repurchase a total of up to 10% of its outstanding shares over the same period. Repurchases will only be made when the fund's shares are trading at less than net asset value and in accordance with procedures approved by the fund's Trustees.

For the period ended May 31, 2006, the fund repurchased 462,723 common shares for an aggregate purchase price of \$4,427,753, which reflects a weighted-average discount from net asset value per share of 11.8% .

### **Note 6: Regulatory matters and litigation**

Putnam Management has entered into agreements with the Securities and Exchange Commission and the Massachusetts Securities Division settling charges connected with excessive short-term trading by Putnam employees and, in the case of the charges brought by the Massachusetts Securities Division, by participants in some Putnam-administered 401(k) plans. Pursuant to these settlement agreements, Putnam Management will pay a total of \$193.5 million in penalties and restitution, with \$153.5 million being paid to certain open-end funds and their shareholders. The amount will be allocated to shareholders and funds

46

---

pursuant to a plan developed by an independent consultant, and will be paid following approval of the plan by the SEC and the Massachusetts Securities Division.

The Securities and Exchange Commission's and Massachusetts Securities Division's allegations and related matters also serve as the general basis for numerous lawsuits, including purported class action lawsuits filed against Putnam Management and certain related parties, including certain Putnam funds. Putnam Management will bear

any costs incurred by Putnam funds in connection with these lawsuits. Putnam Management believes that the likelihood that the pending private lawsuits and purported class action lawsuits will have a material adverse financial impact on the fund is remote, and the pending actions are not likely to materially affect its ability to provide investment management services to its clients, including the Putnam funds.

Putnam Management and Putnam Retail Management are named as defendants in a civil suit in which the plaintiffs allege that the management and distribution fees paid by certain Putnam funds were excessive and seek recovery under the Investment Company Act of 1940. Putnam Management and Putnam Retail Management have contested the plaintiffs' claims and the matter is currently pending in the U.S. District Court for the District of Massachusetts. Based on currently available information, Putnam Management believes that this action is without merit and that it is unlikely to have a material effect on Putnam Management's and Putnam Retail Management's ability to provide services to their clients, including the fund.

47

## Fund information

### About Putnam Investments

Founded over 65 years ago, Putnam Investments was built around the concept that a balance between risk and reward is the hallmark of a well-rounded financial program. We manage over 100 mutual funds in growth, value, blend, fixed income, and international.

|   |   |  |
|---|---|--|
| Investment Manager<br>Putnam Investment<br>Management, LLC<br>One Post Office Square<br>Boston, MA 02109  | Officers<br>George Putnam, III<br><i>President</i>  | Charles A. Ruys de Perez<br><i>Vice President and<br/>Chief Compliance Officer</i>                       |
| Marketing Services<br>Putnam Retail Management<br>One Post Office Square<br>Boston, MA 02109  | Charles E. Porter<br><i>Executive Vice President,<br/>Associate Treasurer and<br/>Principal Executive Officer</i> | Mark C. Trenchard<br><i>Vice President and<br/>BSA Compliance Officer</i>                                |
| Custodian<br>Putnam Fiduciary<br>Trust Company  | Jonathan S. Horwitz<br><i>Senior Vice President<br/>and Treasurer</i>   | Judith Cohen<br><i>Vice President, Clerk and<br/>Assistant Treasurer</i>                                 |
| Legal Counsel<br>Ropes & Gray LLP   | Steven D. Krichmar<br><i>Vice President and<br/>Principal Financial Officer</i>                                   | Wanda M. McManus<br><i>Vice President, Senior Associate<br/>Treasurer and Assistant Clerk</i>            |
| Trustees<br>John A. Hill, <i>Chairman</i><br>Jameson Adkins Baxter,<br><i>Vice Chairman</i><br>Charles B. Curtis<br>Myra R. Drucker<br>Charles E. Haldeman, Jr. | Michael T. Healy<br><i>Assistant Treasurer and<br/>Principal Accounting Officer</i>                               | Nancy T. Florek<br><i>Vice President, Assistant Clerk,<br/>Assistant Treasurer and<br/>Proxy Manager</i> |
|   | Beth S. Mazor<br><i>Vice President</i>  |  |
|   | James P. Pappas<br><i>Vice President</i>  |  |

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

|                     |                            |
|---------------------|----------------------------|
| Paul L. Joskow      | Richard S. Robie, III      |
| Elizabeth T. Kennan | <i>Vice President</i>      |
| Robert E. Patterson |                            |
| George Putnam, III  | Francis J. McNamara, III   |
| W. Thomas Stephens  | <i>Vice President and</i>  |
| Richard B. Worley   | <i>Chief Legal Officer</i> |

Call 1-800-225-1581 weekdays between 9:00 a.m. and 5:00 p.m. Eastern Time, or visit our Web site (www.putnam.com) anytime for up-to-date information about the fund's NAV.

48

---

---

Item 2. Code of Ethics:

Not Applicable

Item 3. Audit Committee Financial Expert:

Not Applicable

Item 4. Principal Accountant Fees and Services:

Not Applicable

Item 5. Audit Committee

Not Applicable

Item 6. Schedule of Investments:

The registrant's schedule of investments in unaffiliated issuers is included in the report to shareholders in Item 1 above.

Item 7. Disclosure of Proxy Voting Policies and Procedures For Closed-End Management Investment Companies:

Not applicable

Item 8. Portfolio Managers of Closed-End Management Investment Companies

(a) Not applicable

(b) Not applicable

Item 9. Purchases of Equity Securities by Closed-End Management Investment Companies and Affiliated Purchasers:

Registrant Purchase of Equity Securities

Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

| <u>Period</u>                  | <u>Total Number of Shares Purchased</u> | <u>Average Price Paid per Share</u> | <u>Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs</u> | <u>Maximum Number (or Approximate Dollar Value ) of Shares that May Yet Be Purchased under the Plans or Programs *</u> |
|--------------------------------|---|-------------------------------------|---|--|
| December 1 - December 31, 2005 | 107,194                                 | \$9.38                              | 107,194   | 1,911,644  |
| January 1 - January 31, 2006   | 107,194                                 | \$9.71                              | 107,194   | 1,804,450  |
| February 1 - February 28, 2006 | 71,436                                  | \$9.82                              | 71,436  | 1,733,014  |
| March 1 - March 31, 2006       | 56,084                                  | \$9.66                              | 56,084  | 1,676,930  |
| April 1 - April 30, 2006       | 40,774                                  | \$9.46                              | 40,774  | 1,636,156  |
| May 1 - May 31, 2006           | 80,041                                  | \$9.40                              | 80,041  | 1,556,115  |

The Board of Trustees announced a repurchase plan on October 7, 2005 for which 1,071,941 shares were approved for repurchase by the fund. The repurchase plan was approved through October 6, 2006. . On March 10, 2006, the Trustees announced that the repurchase program was increased to allow repurchases of up to a total of 2,143,881 shares over the original term of the program

\*Information is based on the total number of shares eligible for repurchase under the program, as amended on March 10, 2006.

Item 10. Submission of Matters to a Vote of Security Holders:

Not applicable

Item 11. Controls and Procedures:

(a) The registrant's principal executive officer and principal financial officer have concluded, based on their evaluation of the effectiveness of the design and operation of the registrant's disclosure controls and procedures

## Edgar Filing: PUTNAM INVESTMENT GRADE MUNICIPAL TRUST - Form N-CSR

as of a date within 90 days of the filing date of this report, that the design and operation of such procedures are generally effective to provide reasonable assurance that information required to be disclosed by the registrant in this report is recorded, processed, summarized and reported within the time periods specified in the Commission's rules and forms.

(b) Changes in internal control over financial reporting:

Not applicable

### Item 12. Exhibits:

(a)(1) Not applicable

(a)(2) Separate certifications for the principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Investment Company Act of 1940, as amended, are filed herewith.

(b) The certifications required by Rule 30a-2(b) under the Investment Company Act of 1940, as amended, are filed herewith.

### SIGNATURES

---

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

#### Putnam Investment Grade Municipal Trust

By (Signature and Title):

/s/Michael T. Healy

Michael T. Healy  
Principal Accounting Officer

Date: July 27, 2006

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title):

/s/Charles E. Porter

Charles E. Porter  
Principal Executive Officer

Date: July 27, 2006

By (Signature and Title):

/s/Steven D. Krichmar

Steven D. Krichmar  
Principal Financial Officer

Date: July 27, 2006



