PUTNAM NEW YORK INVESTMENT GRADE MUNICIPAL TRUST Form N-O

March 28, 2007

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number: (811-07274)

Exact name of registrant as specified in charter:

Trust

Putnam New York Investment Grade Municipal

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

Date of fiscal year end: April 30, 2007

Date of reporting period: January 31, 2007

Item 1. Schedule of Investments:

Putnam New York Investment Grade Municipal Trust

The fund's portfolio 1/31/07 (Unaudited)

Key to abbreviations

AMBAC -- AMBAC Indemnity Corporation

FGIC -- Financial Guaranty Insurance Company

FRN -- Floating Rate Notes

FSA -- Financial Security Assurance G.O. Bonds -- General Obligation Bonds MBIA -- MBIA Insurance Company U.S. Govt. Coll. -- U.S. Government Collateralized VRDN -- Variable Rate Demand Notes XLCA -- XL Capital Assurance

MUNICIPAL BONDS AND NOTES (97.5%)(a)

| | Rating(RAT) | amoun |
|--|-------------|----------|
| New York (93.1%) | | |
| Albany Cnty., Indl. Dev. Agcy. Rev. Bonds (Albany | | |
| College of Pharmacy), Ser. A, 5 3/8s, 12/1/24 | BBB- | \$300,00 |
| Albany, Indl. Dev. Agcy. Civic Fac. Rev. Bonds | | |
| (Charitable Leadership), Ser. A , 6s, 7/1/19 | Baa3 | 250,00 |
| Chemung Cnty., Indl. Dev. Agcy. Civic Fac. Rev. Bonds | | |
| (Arnot Ogden Med. Ctr.), 5s, 11/1/34 | А3 | 500,00 |
| Dutchess Cnty., Indl. Dev. Agcy. Civic Fac. Rev. Bonds | | |
| (Bard College), 5 3/4s, 8/1/30 | А3 | 700,00 |
| Geneva, Indl. Dev. Agcy. Rev. Bonds (Hobart & William | | |
| Smith), Ser. A, 5 3/8s, 2/1/33 | Α | 500,00 |
| Hempstead, Indl. Dev. Agcy. Civic Fac. Rev. Bonds | | |
| (Hofstra U.), 5 1/4s, 7/1/16 | Α | 395,00 |
| Hudson Yards, Infrastructure Corp. Rev. Bonds, Ser. A | | |
| 5s, 2/15/47 | Α | 250,00 |
| MBIA, 4 1/2s, 2/15/47 | Aaa | 100,00 |
| Long Island, Pwr. Auth. NY Elec. Syst. Rev. Bonds, | | |
| Ser. A | | |
| 5 1/4s, 12/1/26 (Prerefunded) | AAA | 750,00 |
| AMBAC, 5s, 9/1/29 (SEG) | Aaa | 2,000,00 |
| Madison Cnty., Indl. Dev. Agcy. Rev. Bonds (Colgate | | |
| U.), Ser. A, 5s, 7/1/23 | Aa3 | 1,000,00 |
| Metro. Trans. Auth. Rev. Bonds, Ser. A | | |
| FSA, 5s, 11/15/30 | Aaa | 1,000,00 |
| 5s, 11/15/22 | A2 | 1,000,00 |
| Metro. Trans. Auth. Dedicated Tax Rev. Bonds, Ser. B, | | |
| MBIA, 5s, 11/15/25 | AAA | 600,00 |
| Metro. Trans. Auth. Svc. Contract Rev. Bonds | | • |
| (Trans. Fac.), Ser. O, 5 3/4s, 7/1/13 (Prerefunded) | AAA | 500,00 |
| Ser. A , MBIA, 5 1/2s, 1/1/20 | Aaa | 1,000,00 |
| Monroe Cnty., Indl. Dev. Agcy. Civic Fac. Rev. Bonds | | · |
| (Highland Hosp. Rochester), 5s, 8/1/25 | Baa1 | 250,00 |
| Nassau Cnty., Tobacco Settlement Corp. Rev. Bonds, | | |
| Ser. A-2, zero %, 6/1/26 | ВВВ | 250,00 |
| Niagara Cnty., Indl. Dev. Agcy. Rev. Bonds, Ser. C, | - | , |
| 5 5/8s, 11/15/24 | Baa2 | 450,00 |
| 2 2,23,,-2, | 5442 | .50,50 |

Principa

| NY City, G.O. Bonds | | | | | |
|---|------|-----------|-----------|-------|-----------|
| AMBAC, 6.05s, 9/1/11 | | | | Aaa | 400,00 |
| Ser. B, 5 3/4s, 8/1/16 | | | | AA- | 1,000,000 |
| Ser. B, U.S. Govt. Coll., 5 1/2s, 12/1/31 (Prerefunded) | | | | AAA | 1,000,000 |
| Ser. G, 5 1/4s, 8/1/16 | | | | AA- | 625,00 |
| Ser. M, 5s, 4/1/24 | | | | AA- | 500,00 |
| Ser. F-1, XLCA, 5s, 9/1/22 | | | | Aaa | 1,000,00 |
| Ser. J/J-1, 5s, 6/1/21 | | | | AA- | 250,000 |
| Ser. I-1, 5s, 4/1/19 | | | | AA- | 125,00 |
| NY City, City Transitional Fin. Auth. VRDN (NYC | | | | | |
| Recovery), Ser. 3, 3.7s, 11/1/22 | | | | VMIG1 | 100,00 |
| NY City, Hlth. & Hosp. Corp. Rev. Bonds (Hlth. Syst.), | | | | | |
| Ser. A , 5 3/8s, 2/15/26 | | | | A2 | 300,00 |
| NY City, Indl. Dev. Agcy. Rev. Bonds | | | | | |
| (Brooklyn Navy Yard Cogen. Partners), 5.65s, 10/1/28 | | | | BBB- | 750,00 |
| (Yankee Stadium - Pilot), FGIC, 5s, 3/1/31 | | | | Aaa | 250,00 |
| (Queens Baseball Stadium - Pilot), AMBAC, 5s, 1/1/21 | | | | Aaa | 150,00 |
| NY City, Indl. Dev. Agcy. Civic Fac. Rev. Bonds | | | | | |
| (Staten Island U. Hosp.), Ser. A, 6 3/8s, 7/1/31 | | | | B2 | 345,00 |
| (Brooklyn Polytech. U. Project J), 6 1/8s, 11/1/30 | | | | BB+ | 150,00 |
| (St. Francis College), 5s, 10/1/34 | | | | Α- | 250,00 |
| NY City, Indl. Dev. Agcy. Special Arpt. Fac. Rev. | | | | | |
| Bonds (Airis JFK I, LLC), Ser. A, 5 1/2s, 7/1/28 | | | | Baa3 | 700,00 |
| NY City, Indl. Dev. Agcy. Special Fac. FRN (Terminal | | | | | |
| One Group Assn.), 5 1/2s, 1/1/17 | | | | A3 | 600,00 |
| NY City, Muni. Wtr. & Swr. Fin. Auth. Rev. Bonds, Ser. | | | | | |
| G, FSA, 5s, 6/15/34 | | | | Aaa | 500,00 |
| NY Cntys., Tobacco Trust II Rev. Bonds (Tobacco | | | | | |
| Settlement), 5 3/4s, 6/1/43 | | | | BBB | 1,000,00 |
| NY Cntys., Tobacco Trust III Rev. Bonds (Tobacco | | | | | |
| Settlement), 6s, 6/1/43 | | | | BBB | 300,00 |
| NY Cntys., Tobacco Trust IV Rev. Bonds, Ser. A, 5s, | | | | | |
| 6/1/38 | | | | BBB | 250,00 |
| NY State Dorm. Auth. Rev. Bonds | | | | | |
| (State U. Edl. Fac.), Ser. A, 7 1/2s, 5/15/13 | | | | AA- | 875,00 |
| (Mount Sinai Hlth.), Ser. A, 6 1/2s, 7/1/25 | | | | BBB | 250,00 |
| | | | | | |
| (Mental Hlth.), Ser. A, 5 3/4s, 2/15/27 (Prerefunded) | AA- | 45,000 | 45,925 | | |
| (Mental Hlth.), Ser. A, 5 3/4s, 2/15/27 | AA- | 25,000 | 25,539 | | |
| (Winthrop-U. Hosp. Assn.), Ser. A, 5 1/2s, 7/1/32 | Baa1 | 450,000 | 474,269 | | |
| (North Shore Long Island Jewish Group), 5 3/8s, 5/1/23 | A3 | 600,000 | 635,262 | | |
| (Rochester Inst. of Tech.), Ser. A, AMBAC, 5 1/4s, | | | | | |
| 7/1/19 | Aaa | 150,000 | 167,102 | | |
| (NY Methodist Hosp.), 5 1/4s, 7/1/17 | А3 | 300,000 | 318,486 | | |
| (Lenox Hill Hosp. Oblig. Group), 5 1/4s, 7/1/08 | Ba2 | 250,000 | 253,570 | | |
| (Rochester U.), Ser. A, 5s, 7/1/34 | A1 | 500,000 | 520,045 | | |
| (NYU), Ser. A, FGIC, 5s, 7/1/29 | Aaa | 1,000,000 | 1,054,980 | | |
| | | | | | |

| Ser. A, FGIC-TCRS, 5s, 3/15/27 (Prerefunded) | Aaa | 1,000,000 | 1,067,660 |
|---|--------------|-----------|------------|
| Ser. A, MBIA, 5s, 10/1/25 | Aaa | 750,000 | 798,413 |
| (Dept. of Hlth.), Ser. 2, FGIC, 5s, 7/1/22 | Aaa | 1,000,000 | 1,053,680 |
| (NY U. Hosp. Ctr.), Ser. A, 5s, 7/1/20 | Ba2 | 200,000 | 206,506 |
| NY State Dorm. Auth. Lease Rev. Bonds (State U. Dorm. | | | |
| Facs.), Ser. A, MBIA, 5s, 7/1/24 | Aaa | 1,000,000 | 1,061,950 |
| NY State Dorm. Auth. Personal Income Tax Rev. Bonds | | | |
| (Education), Ser. A, 5s, 3/15/23 | AAA | 250,000 | 266,758 |
| NY State Energy Research & Dev. Auth. Fac. Mandatory | | | |
| Put Bonds, 4.7s, 10/1/12 | A1 | 500,000 | 500,265 |
| NY State Energy Research & Dev. Auth. Gas Fac. Rev. | | | |
| Bonds (Brooklyn Union Gas), 6.952s, 7/1/26 | A+ | 400,000 | 408,736 |
| NY State Env. Fac. Corp. Rev. Bonds, 5s, 6/15/32 | Aaa | 250,000 | 262,188 |
| NY State Env. Fac. Corp. Poll. Control Rev. Bonds | | | |
| (State Wtr. Revolving Fund), Ser. A, 7 1/2s, 6/15/12 | Aaa | 100,000 | 105,456 |
| NY State Hwy. Auth. Rev. Bonds (Hwy. & Bridge Trust | | | |
| Fund), Ser. B, FGIC, 5s, 4/1/17 | AAA | 250,000 | 268,883 |
| NY State Pwr. Auth. Rev. Bonds | | === | 700 000 |
| 5s, 11/15/20 | Aa2 | 750,000 | 790,283 |
| Ser. A, FGIC, 5s, 11/15/17 | Aaa | 500,000 | 538,210 |
| NY State Thruway Auth. Rev. Bonds (Hwy. & Bridge Trust | A = = | 1 140 000 | 1 214 066 |
| Fund), Ser. B, AMBAC, 5s, 4/1/23 | Aaa | 1,140,000 | 1,214,066 |
| NY State Urban Dev. Corp. Rev. Bonds (Personal Income | ^ ^ ^ | 1 000 000 | 1 067 660 |
| Tax), Ser. C-1, 5s, 3/15/33 (Prerefunded) | AAA | 1,000,000 | 1,067,660 |
| Port Auth. NY & NJ Cons. Rev. Bonds, Ser. 124, 5s, 8/1/31 | AA- | 1,000,000 | 1,015,330 |
| Sales Tax Asset Receivable Corp. Rev. Bonds, Ser. A, | AA- | 1,000,000 | 1,015,550 |
| MBIA, 5s, 10/15/25 | Aaa | 1,425,000 | 1,507,850 |
| Saratoga Cnty., Indl. Dev. Agcy. Civic Fac. Rev. Bonds | Add | 1,423,000 | 1,507,650 |
| (Saratoga Hosp.), Ser. A, 5s, 12/1/13 | BBB+ | 100,000 | 103,795 |
| Suffolk Cnty., Indl. Dev. Agcy. Civic Fac. Rev. Bonds | 0001 | 100,000 | 103,733 |
| (Huntington Hosp.), Ser. B, 5 7/8s, 11/1/32 | Baa1 | 500,000 | 528,695 |
| Tobacco Settlement Asset Securitization Corp., Inc. | Daar | 300,000 | 320,033 |
| of NY Rev. Bonds, Ser. 1, 5s, 6/1/26 | BBB | 500,000 | 512,705 |
| Tobacco Settlement Fin. Auth. Rev. Bonds, Ser. A-1, | | , | |
| 5 1/2s, 6/1/18 | AA- | 1,000,000 | 1,073,690 |
| Triborough Bridge & Tunnel Auth. Rev. Bonds, Ser. A | | , , | , |
| 5s, 1/1/32 (Prerefunded) | AAA | 845,000 | 893,064 |
| 5s, 1/1/32 | Aa2 | 155,000 | 160,231 |
| Westchester Cnty., Indl Dev. Agcy. Civic Fac. Rev. | | | |
| Bonds (Guiding Eyes for the Blind), 5 3/8s, 8/1/24 | BBB+ | 165,000 | 173,705 |
| Westchester, Tobacco Asset Securitization Corp. Rev. | | | |
| Bonds, 5 1/8s, 6/1/38 | BBB | 500,000 | 509,975 |
| Yonkers, Indl. Dev. Agcy. Civic Fac. Rev. Bonds (St. | | | |
| John's Riverside Hosp.), Ser. A, 7 1/8s, 7/1/31 | B+ | 250,000 | 268,373 |
| | | | 44,680,728 |
| | | | |

Puerto Rico (4.4%)

| Cmnwlth. of PR, Govt. Dev. Bank Rev. Bonds, Ser. B, | | | |
|--|------|---------|-----------|
| 5s, 12/1/13 | BBB | 125,000 | 131,629 |
| Cmnwlth. of PR, Hwy. & Trans. Auth. Rev. Bonds | | | |
| Ser. X, 5 1/2s, 7/1/15 | BBB+ | 50,000 | 54,747 |
| Ser. K, 5s, 7/1/17 | BBB+ | 500,000 | 528,065 |
| Cmnwlth. of PR, Pub. Bldg. Auth. Rev. Bonds (Govt. | | | |
| Fac.), Ser. I, 5 1/4s, 7/1/29 | BBB | 250,000 | 265,568 |
| PR Elec. Pwr. Auth. Rev. Bonds, Ser. LL, MBIA, 5 1/2s, | | | |
| 7/1/17 | Aaa | 750,000 | 850,433 |
| PR Indl. Tourist Edl. Med. & Env. Control Fac. Rev. | | | |
| Bonds (Cogen. FacAES), 6 5/8s, 6/1/26 | Baa3 | 250,000 | 272,067 |
| | | | 2.102.509 |

TOTAL INVESTMENTS

Total investments (cost \$45,047,054) (b)

\$46,783,237

FUTURES CONTRACTS OUTSTANDING at 1/31/07 (Unaudited)

| | Number of contracts | Value | Expiration date |
|---------------------------------|---------------------|-------------|--------------------|
| U.S. Treasury Note 10 yr (Long) | 14 | \$1,494,500 | Mar-07 |

NOTES

(a) Percentages indicated are based on net assets of \$47,962,749.

(RAT) The Moody's or Standard & Poor's ratings indicated are believed to be the most recent ratings available at January 31, 2007 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 January 31, 2007. Securities rated by Putnam are indicated by "/P." Securities rated by Fitch are indicated by "/F."

(b) The aggregate identified cost on a tax basis is \$45,047,054, resulting in gross unrealized appreciation and depreciation of \$1,761,797 and \$25,614, respectively, or net unrealized appreciation of \$1,736,183.

(SEG) A portion of this security was pledged and segregated with the custodian to cover margin requirements for futures contracts at January 31, 2007.

At January 31, 2007, liquid assets totaling \$1,494,500 have been designated as collateral for open futures contracts.

The rates shown on VRDN, Mandatory Put Bonds and Floating Rate Notes (FRN) are the current interest rates at January 31, 2007.

The dates shown on Mandatory Put Bonds are the next mandatory put dates.

The dates shown on debt obligations other than Mandatory Put Bonds are the original maturity dates.

The fund had the following sector concentrations greater than 10% at January 31, 2007 (as a percentage of net assets): Utilities

Education

Transportation

The fund had the following insurance concentration greater than 10% at January 31, 2007 (as a percentage of net assets): MBIA

Security valuation Tax-exempt bonds and notes are valued at fair value 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. Certain investments are also 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, which may be different by a material amount.

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 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 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 sportfolio.

For additional information regarding the fund please see the fund's most recent annual or semiannual shareholder report filed on the Securities and Exchange Commission's Web site, www.sec.gov, or visit Putnam's Individual Investor Web site at www.putnaminvestments.com

Item 2. 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 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: Effective January 1, 2007, the fund retained State Street Bank and Trust Company ("State Street") as its custodian. Putnam Fiduciary Trust Company, the fund's previous

custodian, is managing the transfer of the fund's assets to State Street. This transfer is expected to be completed for all Putnam funds during the first half of 2007, with PFTC remaining as custodian with respect to fund assets until the assets are transferred. Also effective January 1, 2007, the fund's investment manager, Putnam Investment Management, LLC entered into a Master Sub-Accounting Services Agreement with State Street, under which the investment manager has delegated to State Street responsibility for providing certain administrative, pricing, and bookkeeping services for the fund.

Item 3. Exhibits:

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.

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 New York Investment Grade Municipal Trust

By (Signature and Title):

/s/ Janet C. Smith

Janet C. Smith

Principal Accounting Officer

Date: March 28, 2007

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 F. Porter

Principal Executive Officer Date: March 28, 2007

By (Signature and Title):

/s/ Steven D. Krichmar

Steven D. Krichmar Principal Financial Officer Date: March 28, 2007