

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC  
Form N-Q  
March 31, 2008

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549**

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY**

Investment Company Act file number 811-07432

**Nuveen Premium Income Municipal Fund 4, Inc.**

(Exact name of registrant as specified in charter)

**Nuveen Investments**

**333 West Wacker Drive, Chicago, Illinois 60606**

(Address of principal executive offices) (Zip code)

**Kevin J. McCarthy Vice President and Secretary**

**333 West Wacker Drive, Chicago, Illinois 60606**

(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 10/31

Date of reporting period: 1/31/08

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

**Item 1. Schedule of Investments**

**Portfolio of Investments (Unaudited)**

**Nuveen Premium Income Municipal Fund 4, Inc. (NPT)**

*January 31, 2008*

**Principal**

**Amount (000) Description (1)**

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**Alabama ☐ 4.3% (2.5% of Total Investments)**

\$	5,150	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/16
	2,395	Alabama Housing Finance Authority, FNMA Multifamily Housing Revenue Bonds, South Bay Apartments, Series 2000K, 5.950%, 2/01/33 (Alternative Minimum Tax)
	11,895	Alabama Special Care Facilities Financing Authority, Birmingham, Hospital Revenue Bonds, Daughters of Charity National Health System ☐ Providence Hospital and St. Vincent's Hospital, Series 1995, 5.000%, 11/01/25 (ETM)
	4,000	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2, 5.000%, 11/15/39
	1,000	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A, 5.000%, 11/15/30

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24,440 Total Alabama

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**Alaska ☐ 0.9% (0.5% of Total Investments)**

	1,665	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 ☐ FGIC Insured
	3,065	Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26 (Pre-refunded 12/01/13) ☐ MBIA Insured

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4,730 Total Alaska

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**Arizona ☐ 2.0% (1.2% of Total Investments)**

	5,000	Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Series 2003A, 5.000%, 7/01/31 ☐ MBIA Insured
	4,100	Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Series 2003, 5.000%, 12/01/18 ☐ MBIA Insured
	2,000	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Series 2007, 5.000%, 12/01/37

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11,100 Total Arizona

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**Arkansas ☐ 0.0% (0.0% of Total Investments)**

	45	Lonoke County Residential Housing Facilities Board, Arkansas, FNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Refunding Bonds, Series 1993A, 7.900%, 4/01/11
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**California ☐ 18.0% (10.7% of Total Investments)**

	3,335	Anaheim Public Finance Authority, California, Public Improvement Project Lease Revenue Bonds, UBS Residual Series 07 1011-1013, 4.790%, 3/01/37 ☐ FGIC Insured (IF)
	17,000	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A, 5.000%, 3/01/33
	5,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37
	2,900	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42
	11,000	California Infrastructure Economic Development Bank, First Lien Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2003A, 5.000%, 7/01/33 (Pre-refunded 1/01/28) ☐ AMBAC Insured (UB)

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2,000	California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31
19,545	California, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 ☐ CIFG Insured (UB)
12,000	California, General Obligation Bonds, Series 2003, 5.250%, 2/01/22
4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14 (ETM)
	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:
610	5.125%, 6/01/47
1,000	5.750%, 6/01/47
1,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2003A-1, 6.750%, 6/01/39 (Pre-refunded 6/01/13)
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27
11,310	San Francisco Bay Area Rapid Transit District, California, Sales Tax Revenue Bonds, Refunding Series 2006A, 4.250%, 7/01/31 ☐ FSA Insured (UB)
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:
31,300	0.000%, 1/15/34 ☐ MBIA Insured (UB)
4,430	0.000%, 1/15/32 ☐ MBIA Insured (UB)
1,945	South Gate Public Financing Authority, California, Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 ☐ FGIC Insured

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132,345 Total California

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**Colorado ☐ 5.7% (3.4% of Total Investments)**

6,500	Adams 12 Five Star Schools, Adams County, Colorado, General Obligation Bonds, Series 2005, 4.750%, 12/15/23 ☐ FSA Insured
2,000	Colorado Health Facilities Authority, Revenue Refunding Bonds, Catholic Health Initiatives, Series 2001, 5.250%, 9/01/21 (Pre-refunded 9/01/11)
480	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1999C-3, 6.750%, 10/01/21
2,695	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)
	Denver Convention Center Hotel Authority, Colorado, Senior Revenue Bonds, Convention Center Hotel, Series 2003A:
2,940	5.000%, 12/01/20 (Pre-refunded 12/01/13) ☐ XLCA Insured
10,000	5.000%, 12/01/33 (Pre-refunded 12/01/13) ☐ XLCA Insured
4,345	El Paso County School District 20, Academy, Colorado, General Obligation Bonds, Series 2002, 5.250%, 12/15/17 ☐ FGIC Insured
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 ☐ FSA Insured

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29,715 Total Colorado

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**District of Columbia ☐ 2.2% (1.3% of Total Investments)**

5	District of Columbia, General Obligation Bonds, Series 1993E, 6.000%, 6/01/09 ☐ CAPMAC Insured
4,250	District of Columbia, Hospital Revenue Refunding Bonds, Medlantic Healthcare Group, Series

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1993A, 5.750%, 8/15/14 ☐ MBIA Insured (ETM)  
 District of Columbia, Revenue Bonds, Georgetown University, Series 2001A:  
 9,670 0.000%, 4/01/26 (Pre-refunded 4/01/11) ☐ MBIA Insured  
 15,235 0.000%, 4/01/30 (Pre-refunded 4/01/11) ☐ MBIA Insured

29,160 Total District of Columbia

**Florida ☐ 6.2% (3.6% of Total Investments)**

5,000 Broward County School Board, Florida, Certificates of Participation, Series 2003, 5.000%,  
 7/01/28 ☐ MBIA Insured  
 5,000 Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport,  
 Series 2003A, 5.250%, 10/01/18 ☐ MBIA Insured (Alternative Minimum Tax)  
 5,000 Martin County Industrial Development Authority, Florida, Industrial Development Revenue Bonds,  
 Indiantown Cogeneration LP, Series 1994A, 7.875%, 12/15/25 (Alternative Minimum Tax)  
 1,380 Miami-Dade County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds,  
 Sunset Bay Apartments, Series 2000-5A, 5.850%, 7/01/20 ☐ FSA Insured (Alternative Minimum Tax)  
 3,385 Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2005A,  
 5.000%, 10/01/37 ☐ XLCA Insured (Alternative Minimum Tax)  
 5,455 South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System  
 Obligation Group, Series 2007, 5.000%, 8/15/42  
 9,500 Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 ☐  
 AMBAC Insured

34,720 Total Florida

**Georgia ☐ 2.6% (1.5% of Total Investments)**

4,400 Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 ☐  
 FGIC Insured  
 2,880 Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1992B,  
 8.250%, 1/01/11  
 5,500 Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%,  
 1/01/19 ☐ FGIC Insured (ETM)

12,780 Total Georgia

**Hawaii ☐ 1.0% (0.6% of Total Investments)**

3,720 Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series  
 1993B, 5.000%, 10/01/13  
 1,580 Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series  
 1993B, 5.000%, 10/01/13 (ETM)

5,300 Total Hawaii

**Idaho ☐ 0.1% (0.1% of Total Investments)**

750 Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial  
 Hospital, Series 2006, 5.250%, 9/01/37

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**Illinois □ 18.4% (10.8% of Total Investments)**

4,000	Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 □ MBIA Insured
17,000	Chicago Greater Metropolitan Area Sanitary District, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/35 (UB)
5,550	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 □ FSA Insured (Alternative Minimum Tax)
5,000	Chicago, Illinois, Sales Tax Revenue Bonds, Series 1998, 5.250%, 1/01/28 □ FGIC Insured
1,665	Chicago, Illinois, Third Lien General Airport Revenue Bonds, O'Hare International Airport, Series 2005A, 5.000%, 1/01/33 □ FGIC Insured
	Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997:
1,455	8.500%, 12/01/13 □ FGIC Insured
1,685	8.500%, 12/01/15 □ FGIC Insured
6,050	Illinois Development Finance Authority, GNMA Collateralized Mortgage Revenue Bonds, Greek American Nursing Home Committee, Series 2000A, 7.600%, 4/20/40
1,385	Illinois Finance Authority, General Obligation Debt Certificates, Local Government Program □ Kankakee County, Series 2005B, 5.000%, 12/01/18 □ AMBAC Insured
2,515	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Hospital, Series 2004A, 5.250%, 8/15/34 (Pre-refunded 8/15/14)
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37
4,000	Illinois Health Facilities Authority, FHA-Insured Mortgage Revenue Refunding Bonds, Sinai Health System, Series 2003, 5.150%, 2/15/37
4,000	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32
	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C:
1,570	7.000%, 4/01/08
4,075	7.000%, 4/01/14
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, School Refunding Bonds, Series 2002, 5.250%, 12/01/19 □ FSA Insured
	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:
9,500	0.000%, 6/15/24 □ MBIA Insured
4,540	5.000%, 12/15/28 □ MBIA Insured
36,040	0.000%, 6/15/40 □ MBIA Insured
3,050	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 □ AMBAC Insured

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128,440 Total Illinois

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**Indiana □ 9.1% (5.3% of Total Investments)**

	Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:
1,950	0.000%, 2/01/24
2,705	0.000%, 2/01/25
3,000	Hospital Authority of Delaware County, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36
3,965	Indiana Educational Facilities Authority, Revenue Bonds, Butler University, Series 2001,

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	5.500%, 2/01/26	□ MBIA Insured
1,500	Indiana Educational Facilities Authority, Revenue Bonds, University of Indianapolis, Series 1999, 5.750%, 10/01/19	□ FSA Insured
22,000	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Clarian Health Obligated Group, Series 2000A, 5.500%, 2/15/30 (Pre-refunded 8/15/10)	□ MBIA Insured
3,000	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15	□ FSA Insured
2,800	Indiana Health Facility Financing Authority, Revenue Bonds, Community Hospitals of Indiana, Series 2005A, 5.000%, 5/01/35	□ AMBAC Insured
4,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/23	□ FSA Insured
6,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/24 (Pre-refunded 6/01/13)	□ FSA Insured
420	Marion County Convention and Recreational Facilities Authority, Indiana, Excise Tax Lease Rental Revenue Bonds, Series 1997A, 5.000%, 6/01/27	□ MBIA Insured

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51,340 Total Indiana

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**Iowa □ 0.2% (0.1% of Total Investments)**

1,000	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project, Series 2006A, 5.000%, 7/01/20
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**Kansas □ 1.9% (1.1% of Total Investments)**

2,000	Olathe, Kansas, Health Facilities Revenue Bonds, Olathe Medical Center, Series 2000A, 5.500%, 9/01/25	□ AMBAC Insured
6,825	Sedgwick County Unified School District 259, Wichita, Kansas, General Obligation Bonds, Series 2000, 3.500%, 9/01/16	
1,750	Wamego, Kansas, Pollution Control Revenue Bonds, Kansas Gas and Electric Company, Series 2004, 5.300%, 6/01/31	□ MBIA Insured

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10,575 Total Kansas

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**Louisiana □ 5.8% (3.4% of Total Investments)**

1,750	Louisiana Local Government Environmental Facilities and Community Development Authority, GNMA Collateralized Mortgage Revenue Refunding Bonds, Sharlo Apartments, Series 2002A, 6.500%, 6/20/37	
5,150	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/32	
3,280	Louisiana Public Facilities Authority, Revenue Bonds, Archdiocese of New Orleans, Series 2007, Drivers 1754, 8.789%, 7/01/37	□ CIFG Insured (IF)
3,800	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	
170	Louisiana State, Gasoline Tax Revenue Bonds, Series 2006, Residuals 660-1, 6.542%, 5/01/41	□ FGIC Insured (IF)
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006:	
1,480	4.750%, 5/01/39	□ FSA Insured (UB)
15,820	4.500%, 5/01/41	□ FGIC Insured (UB)
3,795	Orleans Levee District, Louisiana, Levee District General Obligation Bonds, Series 1986,	

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5.950%, 11/01/14 ☐ FSA Insured

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35,245 Total Louisiana

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**Maryland ☐ 2.0% (1.2% of Total Investments)**

- 2,160 Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16
- 2,900 Maryland Community Development Administration, Housing Revenue Bonds, Series 1997A, 6.000%, 7/01/39 (Alternative Minimum Tax)
- 50 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24
- 2,210 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 ☐ MBIA Insured (UB)
- 1,935 Montgomery County Housing Opportunities Commission, Maryland, GNMA/FHA-Insured Multifamily Housing Revenue Bonds, Series 1996B, 6.400%, 7/01/28 (Alternative Minimum Tax)
- 2,315 Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)

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11,570 Total Maryland

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**Massachusetts ☐ 1.1% (0.6% of Total Investments)**

- 3,585 Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A, 5.000%, 3/01/35 ☐ ACA Insured
- 1,000 Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26
- 1,000 Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milton Hospital Project, Series 2005D, 5.375%, 7/01/35
- 1,155 Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007, Residual Trust 7039, 8.712%, 8/01/46 ☐ FSA Insured (IF)

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6,740 Total Massachusetts

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**Michigan ☐ 7.5% (4.4% of Total Investments)**

- 6,000 Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 ☐ MBIA Insured
- 8,915 Detroit, Michigan, Senior Lien Water Supply System Revenue Bonds, Series 1997A, 5.000%, 7/01/27 ☐ MBIA Insured
- 5,400 Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 ☐ FGIC Insured
- 4,290 Hancock Hospital Finance Authority, Michigan, FHA-Insured Mortgage Hospital Revenue Bonds, Portage Health System Inc., Series 1998, 5.450%, 8/01/47 (Pre-refunded 8/01/08) ☐ MBIA Insured
- 5,000 Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/29 ☐ MBIA Insured
- 10,500 Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Detroit Medical Center Obligated Group, Series 1998A, 5.250%, 8/15/23
- 1,000 Michigan State Hospital Finance Authority, Revenue Bonds, Chelsea Community Hospital, Series 2005, 5.000%, 5/15/30
- 2,500 Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series

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2006A, 5.000%, 12/01/31

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43,605 Total Michigan

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**Minnesota □ 1.2% (0.7% of Total Investments)**

- 700 Minneapolis-St. Paul Housing Finance Board, Minnesota, FNMA/GNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1997, 5.800%, 11/01/30 (Alternative Minimum Tax)
  - 3,500 Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Series 2001A, 5.250%, 1/01/25 (Pre-refunded 1/01/11) □ FGIC Insured
  - 2,875 Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36
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7,075 Total Minnesota

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**Mississippi □ 1.6% (0.9% of Total Investments)**

- 2,975 Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24
  - 5,180 Mississippi, General Obligation Refunding Bonds, Series 2002A, 5.500%, 12/01/18
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8,155 Total Mississippi

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**Missouri □ 0.8% (0.4% of Total Investments)**

- 1,450 Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/36
  - 3,000 Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series 2003, 5.125%, 5/15/24
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4,450 Total Missouri

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**Nebraska □ 1.7% (1.0% of Total Investments)**

- 9,000 NebHelp Inc., Nebraska, Senior Subordinate Bonds, Student Loan Program, Series 1993A-5A, 6.250%, 6/01/18 □ MBIA Insured (Alternative Minimum Tax)
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**Nevada □ 4.5% (2.6% of Total Investments)**

- 10,420 Clark County School District, Nevada, General Obligation Bonds, Series 2002C, 5.500%, 6/15/18 (Pre-refunded 6/15/12) □ MBIA Insured
  - 4,500 Clark County School District, Nevada, General Obligation School Improvement Bonds, Series 1991A, 7.000%, 6/01/10 □ MBIA Insured
  - 7,000 Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 □ AMBAC Insured
  - 5,425 Director of Nevada State Department of Business and Industry, Revenue Bonds, Las Vegas Monorail Project, First Tier, Series 2000, 0.000%, 1/01/25 □ AMBAC Insured
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27,345 Total Nevada

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**New Jersey □ 4.9% (2.9% of Total Investments)**



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500	Burlington County Bridge Commission, New Jersey, Economic Development Revenue Bonds, The Evergreens Project, Series 2007, 5.625%, 1/01/38
1,100	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Trinitas Hospital Obligated Group, Series 2000, 7.500%, 7/01/30 (Pre-refunded 7/01/10)
880	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 ☐ MBIA Insured New Jersey Turnpike Authority, Revenue Bonds, Series 1991C:
300	6.500%, 1/01/16 ☐ MBIA Insured (ETM)
2,345	6.500%, 1/01/16 ☐ MBIA Insured (ETM)
11,960	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2002, 5.750%, 6/01/32 (Pre-refunded 6/01/12)
3,995	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2003, 6.750%, 6/01/39 (Pre-refunded 6/01/13)
5,000	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.750%, 6/01/34

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26,080 Total New Jersey

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**New York ☐ 8.2% (4.8% of Total Investments)**

855	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32
1,200	Hempstead Industrial Development Agency, New York, Resource Recovery Revenue Refunding Bonds, American Ref-Fuel Company of Hempstead LP, Series 2001, 5.000%, 12/01/10 (Mandatory put 6/01/10)
4,070	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 ☐ MBIA Insured (UB)
3,300	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 ☐ MBIA Insured (UB)
6,740	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 1998C, 5.000%, 5/01/26
35	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 1998C, 5.000%, 5/01/26 (Pre-refunded 5/01/08) New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2000C:
220	5.875%, 11/01/16 (Pre-refunded 5/01/10)
3,630	5.875%, 11/01/16 (Pre-refunded 5/01/10)
5,000	5.500%, 11/01/24 (Pre-refunded 5/01/10) New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1:
10,800	5.500%, 6/01/16
2,500	5.500%, 6/01/18
6,250	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Series 1997, 6.250%, 12/01/15 ☐ MBIA Insured (Alternative Minimum Tax)

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44,600 Total New York

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**North Carolina ☐ 2.8% (1.7% of Total Investments)**

750	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas Health Care, 5.000%, 1/15/31
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2,445	North Carolina Infrastructure Finance Corporation, Certificates of Participation, Correctional Facilities, Series 2004A, 5.000%, 2/01/21
2,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 1992, 6.000%, 1/01/11 ☐ MBIA Insured
10,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.250%, 1/01/18 ☐ MBIA Insured

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15,195 Total North Carolina

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**Ohio ☐ 3.2% (1.9% of Total Investments)**

6,065	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.125%, 6/01/24
8,065	Cleveland, Ohio, Airport System Revenue Bonds, Series 2001A, 5.000%, 1/01/31 ☐ FSA Insured
3,000	Franklin County, Ohio, Development Revenue Bonds, American Chemical Society, Series 1999, 5.800%, 10/01/14
1,000	Franklin County, Ohio, FHA-Insured Multifamily Housing Mortgage Revenue Bonds, Hamilton Creek Apartments Project, Series 1994A, 5.550%, 7/01/24 (Alternative Minimum Tax)

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18,130 Total Ohio

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**Oklahoma ☐ 3.0% (1.8% of Total Investments)**

	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007:
6,800	5.000%, 2/15/37
2,655	5.000%, 2/15/42
295	Oklahoma Housing Finance Agency, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 2000C-2, 6.200%, 9/01/28 (Alternative Minimum Tax)
4,185	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36
3,340	Tulsa Industrial Authority, Oklahoma, Hospital Revenue Refunding Bonds, Hillcrest Medical Center, Series 1996, 6.500%, 6/01/09 ☐ CONNIE LEE/AMBA Insured (ETM)

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17,275 Total Oklahoma

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**Pennsylvania ☐ 1.8% (1.1% of Total Investments)**

500	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37
1,800	Pennsylvania Economic Development Financing Authority, Senior Lien Resource Recovery Revenue Bonds, Northampton Generating Project, Series 1994A, 6.400%, 1/01/09 (Alternative Minimum Tax)
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 ☐ FSA Insured (UB)
2,600	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2004A, 5.500%, 12/01/31 ☐ AMBAC Insured

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10,390 Total Pennsylvania

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**Puerto Rico ☐ 2.5% (1.5% of Total Investments)**

12,390	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1997, 6.500%, 7/01/13 ☐ MBIA Insured
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**Rhode Island ☐ 3.5% (2.1% of Total Investments)**

20,000 Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.250%, 6/01/42

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**South Carolina ☐ 4.3% (2.5% of Total Investments)**

4,120 Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 2/15/23 ☐ MBIA Insured  
 3,000 Myrtle Beach, South Carolina, Hospitality and Accommodation Fee Revenue Bonds, Series 2004A, 5.000%, 6/01/36 ☐ FGIC Insured  
 Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991:  
 5,000 6.250%, 1/01/21 ☐ FGIC Insured  
 5,750 4.000%, 1/01/23 ☐ MBIA Insured  
 5,085 Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 ☐ MBIA Insured

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22,955 Total South Carolina

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**South Dakota ☐ 0.3% (0.2% of Total Investments)**

1,750 South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sioux Valley Hospitals, Series 2004A, 5.500%, 11/01/31

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**Tennessee ☐ 0.9% (0.5% of Total Investments)**

5,075 Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41  
 1,500 Metropolitan Government of Nashville-Davidson County, Tennessee, Electric System Revenue Bonds, Series 1998A, 5.200%, 5/15/23  
 680 Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36  
 Sumner County Health, Educational, and Housing Facilities Board, Tennessee, Revenue Refunding Bonds, Sumner Regional Health System Inc., Series 2007:  
 860 5.500%, 11/01/37  
 1,500 5.500%, 11/01/46

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9,615 Total Tennessee

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**Texas ☐ 19.0% (11.2% of Total Investments)**

3,000 Alliance Airport Authority, Texas, Special Facilities Revenue Bonds, American Airlines Inc., Series 2007, 5.250%, 12/01/29 (Alternative Minimum Tax)  
 5,440 Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36 (UB)  
 4,000 Central Texas Regional Mobility Authority, Travis and Williamson Counties, Toll Road Revenue Bonds, Series 2005, 5.000%, 1/01/35 ☐ FGIC Insured  
 3,345 Columbia-Brazoria Independent School District, Texas, Unlimited Tax School Building Bonds, Series 1999, 4.750%, 2/01/25 (Pre-refunded 2/01/09)  
 2,250 Dallas-Ft. Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%, 11/01/27 ☐ FSA Insured (Alternative Minimum Tax)  
 8,000 Dallas-Ft. Worth International Airport, Texas, Joint Revenue Refunding and Improvement Bonds,

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	Series 2001A, 5.875%, 11/01/19 ☐ FGIC Insured (Alternative Minimum Tax)
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)
7,000	Harris County Health Facilities Development Corporation, Texas, Thermal Utility Revenue Bonds, TECO Project, Series 2003, 5.000%, 11/15/30 ☐ MBIA Insured
28,305	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B, 0.000%, 9/01/28 ☐ AMBAC Insured
7,500	Houston, Texas, Junior Lien Water and Sewerage System Revenue Refunding Bonds, Series 2002A, 5.750%, 12/01/32 ☐ FSA Insured (ETM)
33,505	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Series 2006, 0.000%, 8/15/39
98	Midland Housing Finance Corporation, Texas, Single Family Mortgage Revenue Refunding Bonds, Series 1992A, 8.450%, 12/01/11
	Montgomery Independent School District, Montgomery County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001:
730	5.500%, 2/15/21
760	5.500%, 2/15/23
	Montgomery Independent School District, Montgomery County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001:
1,570	5.500%, 2/15/21 (Pre-refunded 2/15/11)
1,640	5.500%, 2/15/23 (Pre-refunded 2/15/11)
	Mt. Pleasant Independent School District, Titus County, Texas, General Obligation Refunding Bonds, Series 2001:
3,025	5.000%, 2/15/26
2,300	5.125%, 2/15/31
700	Mt. Pleasant Independent School District, Titus County, Texas, General Obligation Refunding Bonds, Series 2001, 5.125%, 2/15/31 (Pre-refunded 8/15/11)
6,000	Raven Hills Higher Education Corporation, Texas, Student Housing Revenue Bonds, Angelo State University ☐ Texan Hall LLC, Series 2002A, 5.000%, 8/01/25 (Pre-refunded 8/01/12) ☐ MBIA Insured
3,410	Retama Development Corporation, Texas, Special Facilities Revenue Bonds, Retama Park Racetrack, Series 1993, 8.750%, 12/15/18 (Pre-refunded 12/15/12) (5)
1,800	Sam Rayburn Municipal Power Agency, Texas, Power Supply System Revenue Refunding Bonds, Series 2002A, 5.750%, 10/01/21 ☐ RAAI Insured
4,700	Spring Branch Independent School District, Harris County, Texas, Limited Tax Schoolhouse and Refunding Bonds, Series 2001, 5.125%, 2/01/26 (Pre-refunded 2/01/11)
3,200	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Series 2007A, 5.000%, 2/15/36
800	Texas, General Obligation Bonds, Transportation Commission Mobility Fund, Series 2007, Residuals 1872-1, 8.694%, 4/01/33 (IF)
3,000	Texas, General Obligation Bonds, Transportation Commission Mobility Fund, Series 2007, Residuals 1872-2, 8.694%, 4/01/33 (IF)
8,500	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 6.000%, 11/15/22 (ETM)

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150,578 Total Texas

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**Utah ☐ 2.1% (1.2% of Total Investments)**

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4,845	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community Hospital Project, Series 1998, 5.750%, 12/15/18
4,995	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)
500	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)
	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C:
1,400	5.500%, 1/01/18 (Alternative Minimum Tax)
490	5.650%, 1/01/21 (Alternative Minimum Tax)

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12,230 Total Utah

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**Virginia ☐ 1.5% (0.9% of Total Investments)**

8,190	Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.000%, 1/15/35 ☐ AMBAC Insured
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**Washington ☐ 10.5% (6.1% of Total Investments)**

1,855	Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 1999A, 6.200%, 7/01/34 (Alternative Minimum Tax)
2,500	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Columbia Generating Station ☐ Nuclear Project 2, Series 2002C, 5.750%, 7/01/17 ☐ MBIA Insured
220	Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric Development, Series 2005A, 5.000%, 1/01/34 (Pre-refunded 1/01/15) ☐ FGIC Insured
5,780	Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric Development, Series 2005A, 5.000%, 1/01/34 ☐ FGIC Insured
1,500	Snohomish County School District 6, Mukilteo, Washington, Unlimited Tax General Obligation and Refunding Bonds, Series 1993, 5.700%, 12/01/12 ☐ FGIC Insured
8,155	Tacoma, Washington, Electric System Revenue Refunding Bonds, Series 2001A, 5.750%, 1/01/20 (Pre-refunded 1/01/11) ☐ FSA Insured
4,705	Tacoma, Washington, Sewerage Revenue Refunding Bonds, Series 1994B, 8.000%, 12/01/08 ☐ FGIC Insured
11,000	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1993B, 7.000%, 7/01/09
4,700	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1998A, 5.125%, 7/01/18
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32
1,000	Washington State Healthcare Facilities Authority, Revenue Bonds, Harrison Memorial Hospital, Series 1998, 5.000%, 8/15/28 ☐ AMBAC Insured
2,000	Washington State Healthcare Facilities Authority, Revenue Bonds, Highline Community Hospital, Series 1998, 5.000%, 8/15/21 ☐ RAAI Insured
5,500	Washington State Healthcare Facilities Authority, Revenue Bonds, Swedish Health Services, Series 1998, 5.500%, 11/15/14 ☐ AMBAC Insured
1,460	Washington State Healthcare Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 ☐ ACA Insured
4,485	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26

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56,860 Total Washington

**Wisconsin □ 3.0% (1.7% of Total Investments)**

500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Medical College of Wisconsin Inc., Series 1996, 5.500%, 12/01/26 □ MBIA Insured
7,500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Ministry Healthcare Inc., Series 2002A, 5.250%, 2/15/32 □ MBIA Insured
4,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006, 5.250%, 8/15/34
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 □ FGIC Insured

17,000 Total Wisconsin

\$ 1,072,863 Total Investments (cost \$938,855,480) □ 170.3%

Floating Rate Obligations □ (12.4)%

Other Assets Less Liabilities □ 1.3%

Preferred Shares, at Liquidation Value □ (59.2)% (6)

Net Assets Applicable to Common Shares □ 100%

The Fund may invest in □zero coupon□ securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. Such securities are included in the Portfolio of Investments with a 0.000% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the higher of Standard & Poor's Group (□Standard & Poor□s□) or Moody's Investor Service, Inc. (□Moody□s□) rating. Ratings below BBB by Standard & Poor's or Baa by Moody's are considered to be below investment grade.

The AAA ratings shown in the Portfolio of Investments reflect the AAA ratings on certain bonds that may be insured by AMBAC, FGIC, XLCA or MBIA as of January 31, 2008. Subsequent to January 31, 2008, at least one rating agency reduced the rating for AMBAC-insured bonds to AA and XLCA-insured and FGIC-insured bonds experienced further downgrades such that they no longer carry AAA ratings which had the effect of reducing the rating of many (if not all) of the bonds insured by those particular insurers. One or more rating agencies have placed each of these insurers on □negative credit watch□, which may presage one or more rating reductions for such insurer or insurers in the future. If one or more insurers' ratings are

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reduced below AAA by these rating agencies, it would likely reduce the effective rating of many of the bonds insured by that insurer or insurers.

- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
  - (5) The issuer has received a formal adverse determination from the Internal Revenue Service (the "IRS") regarding the tax-exempt status of the bonds' coupon payments. The Fund will continue to treat coupon payments as tax-exempt income until such time that it is formally determined that the interest on the bonds should be treated as taxable.
  - (6) Fund Preferred Shares, at Liquidation Value as a percentage of total investments is (34.8)%.
- N/R Not rated.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction pursuant to the provisions of SFAS No. 140.

### Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to the treatment of paydown gains and losses, timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate transactions subject to SFAS No.140. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

At January 31, 2008, the cost of investments was \$867,480,269.

Gross unrealized appreciation and gross unrealized depreciation of investments at January 31, 2008, were as follows:

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Gross unrealized:	
Appreciation	\$ 46,547,506
Depreciation	(12,006,506)

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Net unrealized appreciation (depreciation) of investments	\$ 34,541,000
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### Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).

- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

**Item 3. Exhibits.**

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: EX-99 CERT Attached hereto.

## 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.

(Registrant) Nuveen Premium Income Municipal Fund 4, Inc.

By (Signature and Title)\* /s/ Kevin J. McCarthy  
Kevin J. McCarthy  
Vice President and Secretary

Date March 31, 2008

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/ Gifford R. Zimmerman  
Gifford R. Zimmerman  
Chief Administrative Officer (principal executive officer)

Date March 31, 2008

By (Signature and Title)\* /s/ Stephen D. Foy  
Stephen D. Foy  
Vice President and Controller (principal financial officer)

Date March 31, 2008

\* Print the name and title of each signing officer under his or her signature.