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: <u>312-917-7700</u>

Date of fiscal year end: <u>10/31</u>

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)

## 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

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
- 4,730 Total Alaska

## 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

11,100 Total Arizona

## 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

## 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 Permanante 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)

- 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

## 132,345 Total California

## 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

29,715 Total Colorado

## 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

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

## 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

128,440 Total Illinois

## 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,

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

51,340 Total Indiana

## 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

#### 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

10,575 Total Kansas

## 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,

5.950%, 11/01/14 🛛 FSA Insured

35,245 Total Louisiana

#### 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)

11,570 Total Maryland

#### 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)

6,740 Total Massachusetts

#### 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

2006A, 5.000%, 12/01/31

43,605 Total Michigan

700	Minnesota [] 1.2% (0.7% of Total Investments) 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	
7,075	Total Minnesota
2,975	Mississippi 🛛 1.6% (0.9% of Total Investments) 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
8,155	Total Mississippi
1,450	Missouri 🛛 0.8% (0.4% of Total Investments) 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
4,450	Total Missouri
9,000	Nebraska 🛛 1.7% (1.0% of Total Investments) NebHelp Inc., Nebraska, Senior Subordinate Bonds, Student Loan Program, Series 1993A-5A, 6.250%, 6/01/18 🗍 MBIA Insured (Alternative Minimum Tax)
	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
27,345	Total Nevada

New Jersey [] 4.9% (2.9% of Total Investments)

- 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

26,080 Total New Jersey

## 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
  - 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)

44,600 Total New York

## 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

- 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

15,195 Total North Carolina

#### 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)

18,130 Total Ohio

#### 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)

17,275 Total Oklahoma

## 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

10,390 Total Pennsylvania

## 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

## 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

## 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

22,955 Total South Carolina

#### 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

#### 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
- 9,615 Total Tennessee

#### 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,

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
  - 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)

150,578 Total Texas

# Utah 🗌 2.1% (1.2% of Total Investments)

- 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)

12,230 Total Utah

### 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

#### 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

56,860 Total Washington

	50,000	
		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%
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		Floating Rate Obligations [] (12.4)%
		Other Assets Less Liabilities 🛛 1.3%
		Preferred Shares, at Liquidation Value 🛛 (59.2)% (6)
		Not Assots Applicable to Common Sharos II 100%
		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 is 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 <code>[negative credit watch[]</code>, which may presage one or more rating reductions for such insurer or insurers in the future. If one or more insurers[] ratings are

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) FundPreferred 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:

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

#### 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

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Date March 31, 2008
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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.