

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC  
Form N-Q  
April 01, 2010

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: 1/31/10

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, 2010

Principal

Amount (000) Description (1)

Alabama – 4.4% (2.8% of Total Investments)

\$ 5,150 Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/16 12

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)

5,000 Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2, 5.000%, 11/15/39 (UB) 11

1,000 Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A, 5.000%, 11/15/30 11

1,000 Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds,  
International Paper Company, Series 2005A, 5.000%, 6/01/25 6

24,045 Total Alabama

Alaska – 0.9% (0.6% of Total Investments)

1,665 Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%,  
12/01/30 – FGIC Insured (UB) 12

3,065 Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26  
(Pre-refunded 12/01/13) – MBIA Insured 12

4,730 Total Alaska

Arizona – 1.5% (1.0% of Total Investments)

5,000 Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility  
Project, Series 2003A, 5.000%, 7/01/31 – NPMFG Insured 7

3,000 Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Series 2007, 5.000%, 12/01/37

1,000 Watson Road Community Facilities District, Arizona, Special Assessment Revenue Bonds, Series  
2005, 6.000%, 7/01/30 7

9,000 Total Arizona

Arkansas – 0.0% (0.0% of Total Investments)

2 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 4

California – 16.6% (10.7% of Total Investments)

10,000 Anaheim Public Finance Authority, California, Public Improvement Project Lease Bonds, Series  
2007A-1, 4.375%, 3/01/37 – FGIC Insured 9

17,000 California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist  
Health System/West, Series 2003A, 5.000%, 3/01/33 3

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

5,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4
2,900	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11
2,000	California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31	8
1,220	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009I-1, 6.375%, 11/01/34	11
1,000	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.000%, 7/01/39	7
1,685	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.716%, 11/15/48 (IF)	5
19,095	California, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 – CIFG Insured	6
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:	
1,000	5.750%, 6/01/47	6
610	5.125%, 6/01/47	6
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)	6
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	
2,700	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009C, 7.000%, 11/01/34	
3,000	Palomar Pomerado Health, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11
11,310	San Francisco Bay Area Rapid Transit District, California, Sales Tax Revenue Bonds, Refunding Series 2006A, Drivers 1631, 4.250%, 7/01/31 – AGM Insured (UB)	7
670	San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2009, 6.500%, 8/01/39	8
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:	
4,430	0.000%, 1/15/32 – NPFG Insured	
31,300	0.000%, 1/15/34 – NPFG Insured	
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 3030, 17.706%, 9/01/38 – MBIA Insured (IF)	9
1,945	South Gate Public Financing Authority, California, Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 – FGIC Insured	
129,835	Total California	
	Colorado – 4.8% (3.1% of Total Investments)	
1,465	Colorado Health Facilities Authority, Colorado, Revenue Bonds, American Baptist Homes Project,	

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

	Series 2009A, 7.750%, 8/01/39	
2,000	Colorado Health Facilities Authority, Revenue Refunding Bonds, Catholic Health Initiatives, Series 2001, 5.250%, 9/01/21 (Pre-refunded 9/01/11)	9
325	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1999C-3, 6.750%, 10/01/21	4
1,925	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) – SYNCORA GTY Insured	12
10,000	5.000%, 12/01/33 (Pre-refunded 12/01/13) – SYNCORA GTY Insured	12
4,345	El Paso County School District 20, Academy, Colorado, General Obligation Bonds, Series 2002, 5.250%, 12/15/17 – FGIC Insured	12
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 – AGM Insured (UB)	12
23,755	Total Colorado	
	Connecticut – 0.4% (0.2% of Total Investments)	
2,000	Harbor Point Infrastructure Improvement District, Connecticut, Special Obligation Revenue Bonds, Harbor Point Project, Series 2010A, 7.875%, 4/01/39 (WI/DD, Settling 2/04/10)	4
	District of Columbia – 1.6% (1.1% of Total Investments)	
	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	
24,905	Total District of Columbia	
	Florida – 7.2% (4.6% of Total Investments)	
250	Brevard County Health Facilities Authority, Florida, Revenue Bonds, Health First Inc. Project, Series 2009B, 7.000%, 4/01/39	4
5,000	Broward County School Board, Florida, Certificates of Participation, Series 2003, 5.000%, 7/01/28 – NPMFG Insured	7
5,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.250%, 10/01/18 – NPMFG Insured (Alternative Minimum Tax)	10
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)	6
1,380	Miami-Dade County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Sunset Bay Apartments, Series 2000-5A, 5.850%, 7/01/20 – AGM Insured (Alternative Minimum Tax)	1
3,385	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2005A, 5.000%, 10/01/37 – SYNCORA GTY Insured (Alternative Minimum Tax)	10
5,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB)	8
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

- 1,995 Tolomato Community Development District, Florida, Special Assessment Bonds, Series 2006, 5.400%, 5/01/37
- 1,855 Westchester Community Development District 1, Florida, Special Assessment Bonds, Series 2003, 6.000%, 5/01/23
- 40,320 Total Florida  
Georgia – 3.5% (2.3% of Total Investments)
- 1,000 Atlanta, Georgia, Tax Allocation Bonds, Beltline Project Series 2008A, Series 2008B, Series 2008C, Series 2009B, Series 2009C, 7.500%, 1/01/31
- 4,400 Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured
- 1,500 Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 2009B, 5.250%, 11/01/34 – AGM Insured
- 2,880 Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1992B, 8.250%, 1/01/11
- 5,450 Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)
- 2,500 The Hospital Authority of Hall County and the City of Gainesville Revenue Anticipation Certificates (Northeast Georgia Health System, Inc. Project), Series 2010A and 2010B, 5.000%, 2/15/30 (WI/DD, Settling 2/18/10)
- 17,730 Total Georgia  
Hawaii – 0.7% (0.5% of Total Investments)
- 2,000 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)
- 3,580 Total Hawaii  
Idaho – 0.2% (0.1% of Total Investments)
- 985 Idaho Housing and Finance Association, Single Family Mortgage Revenue Bonds, Series 2009BI, 5.650%, 7/01/26
- Illinois – 15.4% (10.0% of Total Investments)
- 4,000 Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 – NPFG Insured
- 5,550 Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 – AGM Insured (Alternative Minimum Tax)
- 415 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
- 5,970 Illinois Development Finance Authority, GNMA Collateralized Mortgage Revenue Bonds, Greek American Nursing Home Committee, Series 2000A, 7.600%, 4/20/40
- 1,665 Illinois Finance Authority Revenue Bonds, Rush University Medical Center Obligated Group,

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

	Series 2009C, 6.625%, 11/01/39	
2,515	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Hospital, Series 2004A, 5.250%, 8/15/34 (Pre-refunded 8/15/14)	8
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37	8
	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009:	
2,000	6.875%, 8/15/38	8
2,000	7.000%, 8/15/44	8
500	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005, 5.250%, 3/01/30 (WI/DD, Settling 2/18/10) – AGM Insured	3
3,000	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25	5
4,000	Illinois Health Facilities Authority, FHA-Insured Mortgage Revenue Refunding Bonds, Sinai Health System, Series 2003, 5.150%, 2/15/37	8
4,000	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32 (Pre-refunded 5/15/12)	5
4,005	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 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 – AGM Insured (UB)	
	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:	
9,500	0.000%, 6/15/24 – NPFG Insured	6
4,540	5.000%, 12/15/28 – NPFG Insured	6
36,040	0.000%, 6/15/40 – NPFG 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	
111,750	Total Illinois	
	Indiana – 8.7% (5.6% 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	8
3,965	Indiana Educational Facilities Authority, Revenue Bonds, Butler University, Series 2001, 5.500%, 2/01/26 – NPFG Insured	2
1,050	Indiana Finance Authority Educational Facilities Revenue Bonds, Series 2009 (Drexel Foundation For Educational Excellence, Inc. – Educational Facility Project), 7.000%, 10/01/39	10
22,000	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Clarian Health Obligated	8

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

	Group, Series 2000A, 5.500%, 2/15/30 (Pre-refunded 8/15/10) – MBIA Insured	
2,650	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 – AGM Insured	
800	Indiana Health Facility Financing Authority, Revenue Bonds, Community Hospitals of Indiana, Series 2005A, 5.000%, 5/01/35 – AMBAC Insured	5
4,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/23 – AGM Insured	6
6,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/24 (Pre-refunded 6/01/13) – AGM Insured	6
420	Marion County Convention and Recreational Facilities Authority, Indiana, Excise Tax Lease Rental Revenue Bonds, Series 1997A, 5.000%, 6/01/27 – NPFG Insured	6
48,540	Total Indiana	
	Iowa – 0.6% (0.4% of Total Investments)	
400	Iowa Finance Authority, Health Facilities Revenue Bonds, Iowa Health System, Series 2009, 5.625%, 8/15/37 – AGC Insured	8
1,000	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project, Series 2006A, 5.000%, 7/01/20	7
2,000	Iowa Student Loan Liquidity Corporation, Student Loan Revenue Bonds, Refunding Series 2009-2, 5.500%, 12/01/25	12
3,400	Total Iowa	
	Kansas – 1.9% (1.3% of Total Investments)	
2,000	Olathe, Kansas, Health Facilities Revenue Bonds, Olathe Medical Center, Series 2000A, 5.500%, 9/01/25 – AMBAC Insured	9
6,825	Sedgwick County Unified School District 259, Wichita, Kansas, General Obligation Bonds, Series 2000, 3.500%, 9/01/16	9
1,750	Wamego, Kansas, Pollution Control Revenue Bonds, Kansas Gas and Electric Company, Series 2004, 5.300%, 6/01/31 – NPFG Insured	6
10,575	Total Kansas	
	Louisiana – 5.1% (3.3% of Total Investments)	
165	DeSoto Parish, Louisiana, Environmental Improvement Revenue Bonds, International Paper Company Project, Series 2004A, 5.000%, 11/01/18 (Alternative Minimum Tax)	11
1,000	Louisiana Local Government Environmental Facilities & Community Development Authority, Revenue Bonds, Westlake Chemical Corporation Project, Series 2007, 6.750%, 11/01/32	11
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	6
5,150	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/32	8
3,800	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:	



Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

1,480	4.750%, 5/01/39 – AGM Insured (UB)	5
15,820	4.500%, 5/01/41 – FGIC Insured (UB)	5
170	Louisiana State, Gasoline Tax Revenue Bonds, Series 2006, Residuals 660-1, 15.961%, 5/01/41 – FGIC Insured (IF)	5
29,335	Total Louisiana	
	Maryland – 1.7% (1.1% of Total Investments)	
1,815	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16	7
2,900	Maryland Community Development Administration, Housing Revenue Bonds, Series 1997A, 6.000%, 7/01/39 (Alternative Minimum Tax)	7
50	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24	8
2,210	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 – NPMFG Insured	7
2,315	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)	7
9,290	Total Maryland	
	Massachusetts – 1.8% (1.2% of Total Investments)	
3,585	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A, 5.000%, 3/01/35 – ACA Insured	3
1,000	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milton Hospital Project, Series 2005D, 5.375%, 7/01/35	7
1,900	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7
3,465	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB)	2
10,950	Total Massachusetts	
	Michigan – 6.8% (4.4% of Total Investments)	
6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 – NPMFG Insured	7
8,915	Detroit, Michigan, Senior Lien Water Supply System Revenue Bonds, Series 1997A, 5.000%, 7/01/27 – NPMFG Insured	7
5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured	7
5,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/29 – NPMFG Insured	10
10,500	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Detroit Medical Center Obligated Group, Series 1998A, 5.250%, 8/15/23	2
1,240	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System,	11

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

	Refunding Series 2009, 5.750%, 11/15/39	
1,000	Michigan State Hospital Finance Authority, Revenue Bonds, Chelsea Community Hospital, Series 2005, 5.000%, 5/15/30 (Pre-refunded 5/15/15)	5
2,000	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31 (UB)	12
40,055	Total Michigan	
	Minnesota – 1.2% (0.8% of Total Investments)	
580	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)	5
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	1
2,875	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36	8
6,955	Total Minnesota	
	Mississippi – 1.9% (1.2% of Total Investments)	
2,975	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24 (UB)	9
5,180	Mississippi, General Obligation Refunding Bonds, Series 2002A, 5.500%, 12/01/18	
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2008A, 6.500%, 9/01/32	9
9,155	Total Mississippi	
	Missouri – 1.3% (0.8% 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	6
1,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior Services – Heisinger Project, Series 2004, 5.500%, 2/01/35	2
1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri, Transportation Sales Revenue Bonds, Series 2009, 5.875%, 10/01/36	10
2,450	Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series 2003, 5.125%, 5/15/24	5
1,500	Saint Louis Industrial Development Authority, Missouri, Empowerment Zone Hotel Facilities Revenue Bonds, Laurel Embassy Suites, Series 2009, 8.500%, 12/15/39	12
7,400	Total Missouri	
	Nevada – 3.4% (2.2% of Total Investments)	
4,500	Clark County School District, Nevada, General Obligation School Improvement Bonds, Series 1991A, 7.000%, 6/01/10 – NCFG Insured	
4,000	Clark County, Nevada, Airport Revenue Bonds, Subordinte Lien Series 2010B, 5.750%, 7/01/42 (WI/DD, Settling 2/03/10)	1
7,000	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 – AMBAC Insured	7

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

- 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
- 1,700 Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30
- 22,625 Total Nevada
  - New Jersey – 4.4% (2.8% 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 – NPMG 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)
  - 10,055 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)
  - 3,750 Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.750%, 6/01/34
- 22,925 Total New Jersey
  - New York – 5.6% (3.6% of Total Investments)
  - 855 Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32
  - Brooklyn Areba Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project, Series 2009:
    - 1,945 6.000%, 7/15/30
    - 3,065 6.250%, 7/15/40
  - 4,070 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMG Insured
  - 3,300 Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 – NPMG Insured
  - 1,000 Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34
  - 2,360 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 2000C:
    - 220 5.875%, 11/01/16 (Pre-refunded 5/01/10)
    - 5,000 5.500%, 11/01/24 (Pre-refunded 5/01/10)
  - 2,500 New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

State Contingency Contract-Backed Bonds, Series 2003A-1, 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 – NPMF Insured (Alternative Minimum Tax)

30,565 Total New York

North Carolina – 3.0% (1.9% of Total Investments)

750 Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas Health Care, Series 2007A, 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 – NPMF Insured

10,000 North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.250%, 1/01/18 – NPMF Insured

15,195 Total North Carolina

Ohio – 3.4% (2.2% of Total Investments)

Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:

5,425 5.125%, 6/01/24

1,000 6.500%, 6/01/47

8,065 Cleveland, Ohio, Airport System Revenue Bonds, Series 2001A, 5.000%, 1/01/31 – AGM 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)

800 Ohio Air Quality Development Authority, Ohio, Air Quality Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E. Non-AMT, 5.625%, 10/01/19

19,290 Total Ohio

Oklahoma – 1.1% (0.7% of Total Investments)

180 Oklahoma Housing Finance Agency, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 2000C-2, 6.200%, 9/01/28 (Alternative Minimum Tax)

5,615 Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)

88 Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, Trust 3500, 8.479%, 12/15/36 (IF)

5,883 Total Oklahoma

Pennsylvania – 3.3% (2.1% of Total Investments)

1,000 Allegheny County Industrial Development Authority, Allegheny County, Pennsylvania, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2009, 6.750%, 11/01/24

500 Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

1,000	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29	1
1,000	Pennsylvania Economic Development Financing Authority Health System Revenue Bonds Albert Einstein Healthcare Network Issue, Series 2009A, 6.250%, 10/15/23	
5,410	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Tender Option Bond Trust 3212, 13.997%, 10/01/38 (IF)	10
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured (UB)	12
2,600	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2004A, 5.500%, 12/01/31 – AMBAC Insured	12
17,000	Total Pennsylvania	
	Puerto Rico – 2.5% (1.6% of Total Investments)	
12,390	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1997, 6.500%, 7/01/13 – NPMF Insured	
	Rhode Island – 3.5% (2.2% of Total Investments)	
20,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.250%, 6/01/42	6
	South Carolina – 3.8% (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 – NPMF Insured	8
	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 – NPMF Insured	7
5,085	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 – NPMF Insured	
19,955	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	11
	Tennessee – 0.8% (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	
2,000	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Refunding Series 200A, 5.486%, 9/01/32	3
680	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9
	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	11
1,000	5.500%, 11/01/46	11
9,615	Total Tennessee	

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

	Texas – 19.9% (12.8% 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)	12
5,440	Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36 (UB)	2
2,250	Dallas-Ft. Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%, 11/01/27 – AGM Insured (Alternative Minimum Tax)	11
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)	11
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	12
7,000	Harris County Health Facilities Development Corporation, Texas, Thermal Utility Revenue Bonds, TECO Project, Series 2003, 5.000%, 11/15/30 – NPFG Insured	11
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 – AGM Insured (ETM)	
33,505	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Series 2006, 0.000%, 8/15/39	
	Montgomery Independent School District, Montgomery County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001:	
730	5.500%, 2/15/21	2
760	5.500%, 2/15/23	2
	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)	2
1,640	5.500%, 2/15/23 (Pre-refunded 2/15/11)	2
	Mt. Pleasant Independent School District, Titus County, Texas, General Obligation Refunding Bonds, Series 2001:	
3,025	5.000%, 2/15/26	8
2,300	5.125%, 2/15/31	8
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)	8
1,100	North Texas Thruway Authority, First Tier System Revenue Refunding Bonds, Series 2008A, 5.750%, 1/01/40 – AGC Insured	1
2,500	North Texas Thruway Authority, Second Tier System Revenue Refunding Bonds, Series 2008, 5.750%, 1/01/38	1
1,100	North Texas Tollway Authority, System Revenue Bonds, Series 2009, 6.250%, 1/01/39	1
2,000	Port of Bay City Authority of Matagorda County, Texas, Revenue Bonds (Hoechst Celanese Corporation Project) Series 1996, 6.500%, 5/01/26 (Alternative Minimum Tax)	5
6,000	Raven Hills Higher Education Corporation, Texas, Student Housing Revenue Bonds, Angelo	8

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

	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)	12
1,800	Sam Rayburn Municipal Power Agency, Texas, Power Supply System Revenue Refunding Bonds, Series 2002A, 5.750%, 10/01/21 – RAAI Insured	10
5,200	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Series 2007A, 5.000%, 2/15/36 (UB)	2
370	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 12.132%, 2/15/36 (IF)	2
1,505	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior Lien Series 2008D, 6.250%, 12/15/26	
1,620	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners LLC North Tarrant Express Managed Lanes Project, Series 2009, 6.875%, 12/31/39	12
1,000	Texas Public Finance Authority, Charter School Finance Corporation Revenue Bonds, Idea Public School Project, Series 2007A, 5.000%, 8/15/37 – ACA Insured	8
3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.749%, 4/01/33 (IF)	4
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)	5
151,225	Total Texas	
	Utah – 2.1% (1.3% 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	6
4,840	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)	7
430	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	7
	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C:	
965	5.500%, 1/01/18 (Alternative Minimum Tax)	1
415	5.650%, 1/01/21 (Alternative Minimum Tax)	1
11,495	Total Utah	
	Virgin Islands – 0.5% (0.3% of Total Investments)	
250	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Subordinate Lien Series 2009A, 6.000%, 10/01/39	10
2,480	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37	10
2,730	Total Virgin Islands	
	Virginia – 1.5% (1.0% of Total Investments)	
8,190	Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.000%, 1/15/35 – AMBAC Insured	1

Edgar Filing: NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC - Form N-Q

Washington – 4.1% (2.6% of Total Investments)

- 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
- 4,155 Tacoma, Washington, Electric System Revenue Refunding Bonds, Series 2001A, 5.750%, 1/01/20 (Pre-refunded 1/01/11) – AGM Insured
- 2,000 Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2009A, 6.000%, 1/01/33
- 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
- 1,460 Washington State Healthcare Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 – ACA Insured
- 4,005 Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26
- 22,120 Total Washington

West Virginia – 0.3% (0.2% of Total Investments)

- 1,950 West Virginia Hospital Finance Authority, Hospital Revenue Bonds, Charleston Area Medical Center, Series 2009A, 5.625%, 9/01/32

Wisconsin – 3.0% (2.0% of Total Investments)

- 815 Monroe Redevelopment Authority, Wisconsin, Development Revenue Bonds, The Monroe Clinic, Inc., Series 2009, 5.875%, 2/15/39
- 500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Medical College of Wisconsin Inc., Series 1996, 5.500%, 12/01/26 – NPMFG Insured
- 7,150 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Ministry Healthcare Inc., Series 2002A, 5.250%, 2/15/32 – NPMFG 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 (UB)
- 17,465 Total Wisconsin

Wyoming – 0.3% (0.2% of Total Investments)

- 1,720 Sweetwater County, Wyoming, Pollution Control Revenue Refunding Bonds, Idaho Power Company Project, Series 2006, 5.250%, 7/15/26 (Mandatory put 7/14/26)

\$ 982,380 Total Investments (cost \$838,384,030) – 155.0%

Floating Rate Obligations – (10.9)%

Other Assets Less Liabilities – 3.1%

Preferred Shares, at Liquidation Value – (47.2)% (6)



### Fair Value Measurements

In determining the value of the Fund's investments, various inputs are used. These inputs are summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

Level 2 – Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodology used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of January 31, 2010:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ —	\$851,272,730	\$ —	\$851,272,730

### 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 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 securities reflected as financing transactions, if any. 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, 2010, the cost of investments was \$780,466,829.

Gross unrealized appreciation and gross unrealized depreciation of investments at January 31, 2010, were as follows:

Gross unrealized:	
Appreciation	\$ 38,162,423
Depreciation	(27,007,601)
Net unrealized appreciation (depreciation) of investments	\$ 11,154,822

(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.
- (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) Preferred Shares, at Liquidation Value as a percentage of Total Investments is 30.4%.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

(ETM) Escrowed to maturity.

(IF) Inverse floating rate investment.

(UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

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: See 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 April 1, 2010

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 April 1, 2010

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

Date April 1, 2010