

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC  
Form N-Q  
September 29, 2009

**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: 7/31/09

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)**

*July 31, 2009*

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	<b>Alabama 5.0% (3.1% of Total Investments)</b>			
\$ 5,150	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/16	12/11 at 101.00	A	\$ 4,918,920
2,395	Alabama Housing Finance Authority, FNMA Multifamily Housing Revenue Bonds, South Bay Apartments, Series 2000K, 5.950%, 2/01/33 (Alternative Minimum Tax)	2/11 at 102.00	AAA	2,431,165
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)	11/09 at 100.00	Aaa	11,928,901
5,000	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2, 5.000%, 11/15/39 (UB)	11/16 at 100.00	Aa1	4,781,900
1,000	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A, 5.000%, 11/15/30	11/15 at 100.00	Baa2	773,810
1,000	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25	6/15 at 100.00	BBB	800,910
26,440	Total Alabama			25,635,606
	<b>Alaska 1.0% (0.6% of Total Investments)</b>			
1,665	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 FGIC Insured (UB)	12/14 at 100.00	AA	1,667,198
3,065	Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26 (Pre-refunded 12/01/13) MBIA Insured	12/13 at 100.00	A+ (4)	3,560,948
4,730	Total Alaska			5,228,146
	<b>Arizona 1.6% (1.0% of Total Investments)</b>			
5,000	Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility	7/13 at 100.00	A2	4,635,600

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

	Project, Series 2003A, 5.000%, 7/01/31 MBIA Insured			
2,000	Navajo County Pollution Control Corporation, Arizona, Pollution Control Revenue Refunding Bonds, Arizona Public Service Company, Cholla Project, Series 2009B, 5.500%, 6/01/34 (Mandatory put 6/01/14)	No Opt. Call	Baa2	2,023,740
2,000	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Series 2007, 5.000%, 12/01/37	No Opt. Call	A	1,529,660
9,000	Total Arizona			8,189,000
	<b>Arkansas 0.0% (0.0% of Total Investments)</b>			
9	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	10/09 at 100.00	Aaa	8,755
	<b>California 15.4% (9.7% of Total Investments)</b>			
10,000	Anaheim Public Finance Authority, California, Public Improvement Project Lease Bonds, Series 2007A-1, 4.375%, 3/01/37 FGIC Insured	9/17 at 100.00	A	7,906,100
17,000	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A, 5.000%, 3/01/33	3/13 at 100.00	A	14,086,198
5,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	4,316,600
2,900	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A 5.000%, 11/15/42 (UB)	11/16 at 100.00	Aa3	2,411,959
2,000	California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31	8/11 at 102.00	A+	1,987,440
1,000	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.000%, 7/01/39	7/15 at 100.00	BBB	706,140
1,685	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 11.971%, 11/15/48 (IF)	5/18 at 100.00	Aa3	1,646,026

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

19,095	California, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 CIFG Insured	6/15 at 100.00	A	17,858,024
4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14 (ETM)	No Opt. Call	AAA	4,347,267
	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement			
	Asset-Backed Bonds, Series 2007A-1:			
610	5.125%, 6/01/47	6/17 at 100.00	BBB	329,851
1,000	5.750%, 6/01/47	6/17 at 100.00	BBB	600,150
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)	6/13 at 100.00	AAA	1,187,920
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	1,187,063
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)	7/16 at 100.00	AAA	9,470,994
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:			
4,430	0.000%, 1/15/32 MBIA Insured	No Opt. Call	A	754,695
31,300	0.000%, 1/15/34 MBIA Insured	No Opt. Call	A	4,522,537
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 3030, 17.078%, 9/01/38 MBIA Insured (IF)	9/17 at 100.00	AAA	3,663,360
1,945	South Gate Public Financing Authority, California, Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 FGIC Insured	No Opt. Call	A	2,070,219
122,245	Total California			79,052,543
2,000	<b>Colorado 4.9% (3.1% of Total Investments)</b>		AA (4)	2,179,180

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

	Colorado Health Facilities Authority, Revenue Refunding Bonds, Catholic Health Initiatives, Series 2001, 5.250%, 9/01/21 (Pre-refunded 9/01/11)	9/11 at 100.00		
380	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1999C-3, 6.750%, 10/01/21	10/09 at 105.00	Aa2	411,301
2,325	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. Call	A+	2,508,373
2,940	Denver Convention Center Hotel Authority, Colorado, Senior Revenue Bonds, Convention Center Hotel, Series 2003A: 5.000%, 12/01/20 (Pre-refunded 12/01/13) SYNCORA GTY Insured	12/13 at 100.00	N/R (4)	3,297,916
10,000	5.000%, 12/01/33 (Pre-refunded 12/01/13) SYNCORA GTY Insured	12/13 at 100.00	N/R (4)	11,217,400
4,345	El Paso County School District 20, Academy, Colorado, General Obligation Bonds, Series 2002, 5.250%, 12/15/17 FGIC Insured	12/12 at 100.00	Aa3	4,662,663
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 FSA Insured (UB)	12/14 at 100.00	AAA	798,397
22,745	Total Colorado			25,075,230
	<b>District of Columbia 1.7% (1.1% of Total Investments)</b>			
9,670	District of Columbia, Revenue Bonds, Georgetown University, Series 2001A: 0.000%, 4/01/26 (Pre-refunded 4/01/11) MBIA Insured	4/11 at 42.15	A (4)	3,987,715
15,235	0.000%, 4/01/30 (Pre-refunded 4/01/11) MBIA Insured	4/11 at 32.93	A (4)	4,908,717
24,905	Total District of Columbia			8,896,432
	<b>Florida 7.4% (4.6% of Total Investments)</b>			
250	Brevard County Health Facilities Authority, Florida, Revenue Bonds, Health First Inc. Project, Series 2009B, 7.000%, 4/01/39	4/19 at 100.00	A	257,033
5,000	Broward County School Board, Florida, Certificates of Participation, Series 2003, 5.000%, 7/01/28 MBIA Insured	7/13 at 100.00	A+	4,981,600

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

5,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.250%, 10/01/18 MBIA Insured (Alternative Minimum Tax)	10/13 at 100.00	Aa3	5,037,700
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)	12/09 at 100.00	BB+	4,958,500
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)	1/11 at 102.00	AAA	1,412,872
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)	10/15 at 100.00	A	2,769,065
5,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB)	8/17 at 100.00	AA	4,897,008
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 AMBAC Insured	10/18 at 100.00	N/R	10,826,090
2,000	Tolomato Community Development District, Florida, Special Assessment Bonds, Series 2006, 5.400%, 5/01/37	5/14 at 101.00	N/R	1,148,660
1,855	Westchester Community Development District 1, Florida, Special Assessment Bonds, Series 2003, 6.000%, 5/01/23	5/13 at 101.00	N/R	1,336,676
40,325	Total Florida			37,625,204
	<b>Georgia 2.8% (1.7% of Total Investments)</b>			
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 FGIC Insured	No Opt. Call	A	4,486,812
2,880	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1992B, 8.250%, 1/01/11	No Opt. Call	A+	3,126,298
5,500	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%,	No Opt. Call	AAA	6,557,375

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

	1/01/19	FGIC Insured (ETM)			
12,780	Total Georgia				14,170,485
	<b>Hawaii 1.2% (0.7% of Total Investments)</b>				
	Honolulu City and County, Hawaii, General				
	Obligation Refunding and Improvement Bonds,				
3,720	Series		No Opt. Call	AA	4,244,706
	1993B, 5.000%, 10/01/13				
	Honolulu City and County, Hawaii, General				
	Obligation Refunding and Improvement Bonds,				
1,580	Series		No Opt. Call	Aaa	1,814,598
	1993B, 5.000%, 10/01/13 (ETM)				
5,300	Total Hawaii				6,059,304
	<b>Idaho 0.1% (0.1% of Total Investments)</b>				
	Madison County, Idaho, Hospital Revenue				
750	Certificates of Participation, Madison Memorial		9/16 at 100.00	BBB	562,478
	Hospital, Series 2006, 5.250%, 9/01/37				
	<b>Illinois 16.4% (10.3% of Total Investments)</b>				
	Chicago Board of Education, Illinois, General				
4,000	Obligation Lease Certificates, Series 1992A,		No Opt. Call	AA	4,452,760
	6.250%, 1/01/15 MBIA Insured				
	Chicago, Illinois, Revenue Bonds, Midway				
	Airport, Series 2001A, 5.125%, 1/01/26 FSA				
5,550	Insured		1/11 at 101.00	AAA	5,320,841
	(Alternative Minimum Tax)				
	Chicago, Illinois, Sales Tax Revenue Bonds,				
5,000	Series 1998, 5.250%, 1/01/28 FGIC Insured		1/10 at 100.50	AAA	5,044,750
	Chicago, Illinois, Third Lien General Airport				
415	Revenue Bonds, O Hare International Airport,		1/16 at 100.00	A1	398,392
	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		No Opt. Call	N/R	1,804,040
1,685	8.500%, 12/01/15 FGIC Insured		No Opt. Call	N/R	2,179,733
	Illinois Development Finance Authority, GNMA				
5,990	Collateralized Mortgage Revenue Bonds, Greek		4/11 at 105.00	Aaa	6,841,239
	American Nursing Home Committee, Series				
	2000A, 7.600%, 4/20/40				
	Illinois Finance Authority Revenue Bonds, Rush				
1,665	University Medical Center Obligated Group,		No Opt. Call	A	1,678,437
	Series 2009C, 6.625%, 11/01/39				
	Illinois Finance Authority, General Obligation				
1,385	Debt Certificates, Local Government Program		12/14 at 100.00	A3	1,451,466

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

	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)	8/14 at 100.00	N/R (4)	2,917,350
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	503,780
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37	8/17 at 100.00	Baa1	4,220,329
2,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009, 7.000%, 8/15/44	8/19 at 100.00	BBB	1,946,520
4,000	Illinois Health Facilities Authority, FHA-Insured Mortgage Revenue Refunding Bonds, Sinai Health System, Series 2003, 5.150%, 2/15/37	8/13 at 100.00	AAA	3,818,840
4,000	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32 (Pre-refunded 5/15/12)	5/12 at 100.00	Aaa	4,478,360
4,005	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 7.000%, 4/01/14	No Opt. Call	Aa3	4,642,676
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Series 2002, 5.750%, 12/01/19 FGIC Insured (UB)	12/10 at 100.00	AAA	11,453,587
9,500	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A: 0.000%, 6/15/24 MBIA Insured	6/22 at 101.00	AAA	7,101,537
4,540	5.000%, 12/15/28 MBIA Insured	6/12 at 101.00	AAA	4,592,255
36,040	0.000%, 6/15/40 MBIA Insured	No Opt. Call	AAA	5,455,375
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	No Opt. Call	Aa3	3,804,509
112,655	Total Illinois			84,106,776



**Indiana 9.7% (6.1% of Total Investments)**Carmel Redevelopment Authority, Indiana, Lease  
Rent Revenue Bonds, Series 2005:

1,950	0.000%, 2/01/24	No Opt. Call	AA	905,619
2,705	0.000%, 2/01/25	No Opt. Call	AA	1,176,161
3,000	Hospital Authority of Delaware County, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36	8/16 at 100.00	Baa3	2,023,800
3,965	Indiana Educational Facilities Authority, Revenue Bonds, Butler University, Series 2001, 5.500%, 2/01/26 MBIA Insured	2/11 at 100.00	A	3,979,115
1,500	Indiana Educational Facilities Authority, Revenue Bonds, University of Indianapolis, Series 1999, 5.750%, 10/01/19 FSA Insured	10/09 at 101.00	AAA	1,524,555
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	8/10 at 101.00	A+ (4)	23,453,758
2,650	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 FSA Insured	No Opt. Call	AAA	3,019,543
2,800	Indiana Health Facility Financing Authority, Revenue Bonds, Community Hospitals of Indiana, Series 2005A, 5.000%, 5/01/35 AMBAC Insured	5/15 at 100.00	A	2,171,428
4,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/23 FSA Insured	6/13 at 100.00	AAA	4,140,360
6,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/24 (Pre-refunded 6/01/13) FSA Insured	6/13 at 100.00	AAA	6,831,060
420	Marion County Convention and Recreational Facilities Authority, Indiana, Excise Tax Lease Rental Revenue Bonds, Series 1997A, 5.000%, 6/01/27 MBIA Insured	12/09 at 100.00	A	418,501
50,990	Total Indiana			49,643,900

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

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

400	Iowa Finance Authority, Health Facilities Revenue Bonds, Iowa Health System, Series 2009, 5.625%, 8/15/37 (WI/DD, Settling 8/06/09) AGC Insured	8/19 at 100.00	Aa2	400,140
1,000	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project, Series 2006A, 5.000%, 7/01/20	7/16 at 100.00	BB+	779,600
1,400	Total Iowa			1,179,740
	<b>Kansas 2.1% (1.3% of Total Investments)</b>			
2,000	Olathe, Kansas, Health Facilities Revenue Bonds, Olathe Medical Center, Series 2000A, 5.500%, 9/01/25 AMBAC Insured	9/10 at 100.00	A+	1,978,880
6,825	Sedgwick County Unified School District 259, Wichita, Kansas, General Obligation Bonds, Series 2000, 3.500%, 9/01/16	9/10 at 100.00	AA	6,895,639
1,750	Wamego, Kansas, Pollution Control Revenue Bonds, Kansas Gas and Electric Company, Series 2004, 5.300%, 6/01/31 MBIA Insured	6/14 at 100.00	A	1,714,405
10,575	Total Kansas			10,588,924
	<b>Louisiana 5.8% (3.6% of Total Investments)</b>			
165	DeSoto Parish, Louisiana, Environmental Improvement Revenue Bonds, International Paper Company Project, Series 2004A, 5.000%, 11/01/18 (Alternative Minimum Tax)	11/14 at 100.00	BBB	140,522
1,000	Louisiana Local Government Environmental Facilities & Community Development Authority, Revenue Bonds, Westlake Chemical Corporation Project, Series 2007, 6.750%, 11/01/32	11/17 at 100.00	BB	838,420
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	6/12 at 105.00	Aaa	1,872,710
5,150	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/32	8/15 at 100.00	A+	4,441,206
3,800			A3	3,086,246

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

	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00		
	Louisiana State, Gasoline and Fuel Tax Revenue Bonds, Series 2006A:			
1,480	4.750%, 5/01/39 FSA Insured (UB)	5/16 at 100.00	AAA	1,447,588
15,820	4.500%, 5/01/41 FGIC Insured (UB)	5/16 at 100.00	AA	14,272,013
170	Louisiana State, Gasoline Tax Revenue Bonds, Series 2006, Residuals 660-1, 15.001% 5/01/41 FGIC Insured (IF)	5/16 at 100.00	AA	103,476
3,365	Orleans Levee District, Louisiana, Levee District General Obligation Bonds, Series 1986, 5.950%, 11/01/14 FSA Insured	12/09 at 100.00	AAA	3,374,927
32,700	Total Louisiana			29,577,108
	<b>Maryland 2.2% (1.3% of Total Investments)</b>			
1,815	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16	1/10 at 100.00	Aa2	1,817,505
2,900	Maryland Community Development Administration, Housing Revenue Bonds, Series 1997A, 6.000%, 7/01/39 (Alternative Minimum Tax)	1/10 at 100.00	Aa2	2,901,305
50	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24	8/14 at 100.00	A	49,820
2,210	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 MBIA Insured	7/16 at 100.00	A	1,944,734
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)	1/10 at 100.00	Aa2	1,936,896
2,315	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)	7/10 at 100.00	Aaa	2,338,150
11,225	Total Maryland			10,988,410

**Massachusetts 1.4% (0.9% of Total Investments)**

3,585	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A, 5.000%, 3/01/35 ACA Insured	3/15 at 100.00	BBB	2,829,067
1,000	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/12 at 102.00	N/R	686,760
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milton Hospital Project, Series 2005D, 5.375%, 7/01/35	7/15 at 100.00	BB	596,980
3,465	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 FSA Insured (UB)	2/17 at 100.00	AAA	3,043,760
9,050	Total Massachusetts			7,156,567

**Michigan 6.4% (4.0% of Total Investments)**

6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 MBIA Insured	7/15 at 100.00	A	5,159,580
8,915	Detroit, Michigan, Senior Lien Water Supply System Revenue Bonds, Series 1997A, 5.000%, 7/01/27 MBIA Insured	7/09 at 100.00	A+	8,048,105
5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 FGIC Insured	7/16 at 100.00	A	4,365,522
5,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/29 MBIA Insured	10/13 at 100.00	A+	4,839,000
10,500	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Detroit Medical Center Obligated Group, Series 1998A, 5.250%, 8/15/23	8/09 at 100.00	Ba3	7,153,020
1,000	Michigan State Hospital Finance Authority, Revenue Bonds, Chelsea Community Hospital, Series 2005, 5.000%, 5/15/30 (Pre-refunded 5/15/15)	5/15 at 100.00	BBB (4)	1,162,600
2,000	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	1,932,000

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

38,815	Total Michigan				32,659,827
	<b>Minnesota 1.2% (0.8% of Total Investments)</b>				
590	Minneapolis-St. Paul Housing Finance Board, Minnesota, FNMA/GNMA Mortgage-Backed Securities	11/09 at 100.00	AAA		590,171
	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,	1/11 at 100.00	AAA		3,727,430
	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	8/16 at 100.00	N/R		1,864,610
	Project, Series 2007-1, 5.000%, 8/01/36				
6,965	Total Minnesota				6,182,211
	<b>Mississippi 2.1% (1.3% of Total Investments)</b>				
2,975	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24 (UB)	9/14 at 100.00	AA		3,005,434
5,180	Mississippi, General Obligation Refunding Bonds, Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA		6,148,297
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company	9/18 at 100.00	BBB		913,440
	Project, Series 2008A, 6.500%, 9/01/32				
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company,	8/11 at 100.00	BBB		732,230
	Series 2006A, 4.800%, 8/01/30				
10,155	Total Mississippi				10,799,401
	<b>Missouri 0.7% (0.4% of Total Investments)</b>				
1,450	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/36	6/17 at 100.00	N/R		1,125,447
2,450	Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series	5/13 at 100.00	AA		2,477,955
	2003, 5.125%, 5/15/24				
3,900	Total Missouri				3,603,402

<b>Nebraska 1.8% (1.1% of Total Investments)</b>				
9,000	NebHelp Inc., Nebraska, Senior Subordinate Bonds, Student Loan Program, Series 1993A-5A, 6.250%, 6/01/18 MBIA Insured (Alternative Minimum Tax)	No Opt. Call	Aa2	9,328,230
<b>Nevada 2.7% (1.7% of Total Investments)</b>				
4,500	Clark County School District, Nevada, General Obligation School Improvement Bonds, Series 1991A, 7.000%, 6/01/10 MBIA Insured	No Opt. Call	AA	4,726,035
7,000	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 AMBAC Insured	7/13 at 100.00	AA	7,031,780
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	No Opt. Call	Caa2	425,157
1,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	A	1,822,009
18,625	Total Nevada			14,004,981
<b>New Jersey 4.8% (3.0% of Total Investments)</b>				
500	Burlington County Bridge Commission, New Jersey, Economic Development Revenue Bonds, The Evergreens Project, Series 2007, 5.625%, 1/01/38	1/18 at 100.00	N/R	340,095
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)	7/10 at 101.00	BBB (4)	1,180,476
880	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 MBIA Insured	No Opt. Call	A+	1,054,557
300	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C: 6.500%, 1/01/16 MBIA Insured (ETM)	No Opt. Call	A+ (4)	377,925
2,345	6.500%, 1/01/16 MBIA Insured (ETM)	No Opt. Call	A+ (4)	2,720,528
10,055	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds,	6/12 at 100.00	AAA	10,987,601

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

	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,	6/13 at 100.00	AAA	4,815,653
	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,	6/17 at 100.00	BBB	2,916,550
	Series 2007-1A, 4.750%, 6/01/34			
24,175	Total New Jersey			24,393,385
	<b>New York 6.3% (4.0% of Total Investments)</b>			
855	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32	4/17 at 100.00	N/R	582,118
1,200	Hempstead Industrial Development Agency, New York, Resource Recovery Revenue Refunding Bonds,	No Opt. Call	Baa2	1,187,388
	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	2/17 at 100.00	A	3,249,325
3,300	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 MBIA Insured	11/16 at 100.00	A	2,698,278
1,000	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34	11/19 at 100.00	AA	986,920
6,740	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 1998C, 5.000%, 5/01/26	5/10 at 100.00	AAA	6,774,037
	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)	5/10 at 101.00	AAA	231,304
5,000	5.500%, 11/01/24 (Pre-refunded 5/01/10)	5/10 at 101.00	AAA	5,242,900
	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:

2,400	5.500%, 6/01/16	6/10 at 100.00	AA	2,441,928
2,500	5.500%, 6/01/18	6/12 at 100.00	AA	2,608,500
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)	No Opt. Call	A	6,370,188
33,535	Total New York			32,372,886
<b>North Carolina 3.1% (1.9% of Total Investments)</b>				
750	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas Health Care, Series 2007A, 5.000%, 1/15/31	1/17 at 100.00	AA	749,003
2,445	North Carolina Infrastructure Finance Corporation, Certificates of Participation, Correctional Facilities, Series 2004A, 5.000%, 2/01/21	2/14 at 100.00	AA+	2,548,252
2,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 1992, 6.000%, 1/01/11 MBIA Insured	No Opt. Call	A	2,117,800
10,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.250%, 1/01/18 MBIA Insured	1/13 at 100.00	A	10,375,700
15,195	Total North Carolina			15,790,755
<b>Ohio 3.2% (2.0% of Total Investments)</b>				
5,430	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.125%, 6/01/24	6/17 at 100.00	BBB	4,472,963
8,065	Cleveland, Ohio, Airport System Revenue Bonds, Series 2001A, 5.000%, 1/01/31 FSA Insured	1/10 at 101.00	AAA	8,022,659
3,000	Franklin County, Ohio, Development Revenue Bonds, American Chemical Society, Series 1999, 5.800%, 10/01/14	10/09 at 101.00	A+	3,040,350



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

	Franklin County, Ohio, FHA-Insured			
1,000	Multifamily Housing Mortgage Revenue Bonds, Hamilton Creek	1/10 at 100.00	Aa2	1,000,120
	Apartments Project, Series 1994A, 5.550%, 7/01/24 (Alternative Minimum Tax)			
17,495	Total Ohio			16,536,092
	<b>Oklahoma 1.1% (0.7% of Total Investments)</b>			
235	Oklahoma Housing Finance Agency, Single Family Mortgage Revenue Bonds, Homeownership Loan	3/10 at 101.00	Aaa	238,722
	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	12/16 at 100.00	AA	5,087,527
	System, Series 2006, 5.000%, 12/15/36 (UB)			
88	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health	12/16 at 100.00	AA	72,961
	System, Series 2006, Trust 3500, 8.243%, 12/15/36 (IF)			
5,938	Total Oklahoma			5,399,210
	<b>Pennsylvania 3.0% (1.8% of Total Investments)</b>			
500	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB	342,780
1,000	Pennsylvania Economic Development Financing Authority Health System Revenue Bonds Albert Einstein Healthcare Network Issue, Series 2009A, 6.250%, 10/15/23	No Opt. Call	A3	1,008,140
5,410	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Tender Option Bond	10/17 at 100.00	AA+	6,190,879
	Trust 3212, 13.718%, 10/01/38 (IF)			
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 FSA Insured (UB)	12/16 at 100.00	AAA	4,945,556
2,600	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2004A, 5.500%, 12/01/31	12/14 at 100.00	Aa3	2,652,702
	AMBAC Insured			
15,000	Total Pennsylvania			15,140,057

<b>Puerto Rico 2.6% (1.6% of Total Investments)</b>				
12,390	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1997, 6.500%, 7/01/13 MBIA Insured	No Opt. Call	A	13,357,781
<b>Rhode Island 3.0% (1.9% of Total Investments)</b>				
20,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.250%, 6/01/42	6/12 at 100.00	BBB	15,496,998
<b>South Carolina 4.6% (2.8% of Total Investments)</b>				
4,120	Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 2/15/23 MBIA Insured	8/14 at 100.00	A	4,212,370
3,000	Myrtle Beach, South Carolina, Hospitality and Accommodation Fee Revenue Bonds, Series 2004A, 5.000%, 6/01/36 FGIC Insured	6/14 at 100.00	A+	2,678,940
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991: 6.250%, 1/01/21 FGIC Insured	No Opt. Call	A	5,437,150
5,750	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 MBIA Insured	1/10 at 100.00	A	5,501,715
5,085	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 MBIA Insured	No Opt. Call	A	5,496,478
22,955	Total South Carolina			23,326,653
<b>South Dakota 0.3% (0.2% of Total Investments)</b>				
1,750	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sioux Valley Hospitals, Series 2004A, 5.500%, 11/01/31	11/14 at 100.00	AA	1,736,525
<b>Tennessee 0.6% (0.4% of Total Investments)</b>				
5,075	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41	1/17 at 30.07	A	523,588
2,000	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds,	3/13 at 100.00	N/R	1,297,700

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

	Wellmont Health System, Refunding Series 200A, 5.440%, 9/01/32			
680	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100.00	BBB+	466,616
	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	11/17 at 100.00	N/R	326,112
1,000	5.500%, 11/01/46	11/17 at 100.00	N/R	379,200
9,615	Total Tennessee			2,993,216
	<b>Texas 20.7% (12.9% of Total Investments)</b>			
3,000	Alliance Airport Authority, Texas, Special Facilities Revenue Bonds, American Airlines Inc., Series 2007, 5.250%, 12/01/29 (Alternative Minimum Tax)	12/12 at 100.00	CCC+	1,026,000
5,440	Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36 (UB)	2/17 at 100.00	AAA	4,960,246
4,000	Central Texas Regional Mobility Authority, Travis and Williamson Counties, Toll Road Revenue Bonds, Series 2005, 5.000%, 1/01/35 FGIC Insured	1/15 at 100.00	A	3,082,960
2,250	Dallas-Ft. Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%, 11/01/27 FSA Insured (Alternative Minimum Tax)	11/14 at 100.00	AAA	2,113,853
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)	11/11 at 100.00	A+	8,226,240
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	12/11 at 101.00	N/R	5,735,580
7,000			AA	6,864,620

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

	Harris County Health Facilities Development Corporation, Texas, Thermal Utility Revenue Bonds,	11/13 at 100.00		
	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	No Opt. Call	A	8,319,972
7,500	Houston, Texas, Junior Lien Water and Sewerage System Revenue Refunding Bonds, Series 2002A, 5.750%, 12/01/32 FSA Insured (ETM)	No Opt. Call	AAA	8,875,500
33,505	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Series 2006, 0.000%, 8/15/39	8/14 at 25.08	AAA	6,189,379
	Montgomery Independent School District, Montgomery County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001:			
730	5.500%, 2/15/21	2/11 at 100.00	AAA	766,588
760	5.500%, 2/15/23	2/11 at 100.00	AAA	791,038
	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)	2/11 at 100.00	Aaa	1,687,153
1,640	5.500%, 2/15/23 (Pre-refunded 2/15/11)	2/11 at 100.00	Aaa	1,762,377
	Mt. Pleasant Independent School District, Titus County, Texas, General Obligation Refunding Bonds, Series 2001:			
3,025	5.000%, 2/15/26	8/11 at 100.00	Aaa	3,078,875
2,300	5.125%, 2/15/31	8/11 at 100.00	Aaa	2,322,356
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)	8/11 at 100.00	Aaa	762,986
2,500	North Texas Thruway Authority, Second Tier	1/18 at	A3	2,395,400

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

	System Revenue Refunding Bonds, Series 2008, 5.750%, 1/01/38	100.00		
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	8/12 at 100.00	N/R (4)	6,640,800
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)	12/12 at 100.00	AAA	4,159,484
1,800	Sam Rayburn Municipal Power Agency, Texas, Power Supply System Revenue Refunding Bonds, Series 2002A, 5.750%, 10/01/21 RAAI Insured	10/12 at 100.00	BBB	1,812,762
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)	2/11 at 100.00	AAA	5,015,793
5,200	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA	4,929,392
370	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 11.947%, 2/15/36 (IF)	2/17 at 100.00	AA	318,063
1,505	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior Lien Series 2008D, 6.250%, 12/15/26	No Opt. Call	A	1,455,395
3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.390%, 4/01/33 (IF)	4/17 at 100.00	AA+	3,946,484
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)	11/09 at 100.00	Aaa	8,825,975
153,105	Total Texas			106,065,271
	<b>Utah 2.2% (1.4% of Total Investments)</b>			
4,845	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community Hospital Project, Series 1998, 5.750%, 12/15/18	12/09 at 100.00	N/R	4,101,050

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

4,840	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)	1/10 at 100.00	Aa3 (4)	4,999,284
460	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	7/10 at 100.00	AA	461,946
1,060	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C: 5.500%, 1/01/18 (Alternative Minimum Tax)	1/11 at 100.00	AA	1,085,429
435	5.650%, 1/01/21 (Alternative Minimum Tax)	1/11 at 100.00	Aaa	438,093
11,640	Total Utah			11,085,802
	<b>Virgin Islands 0.5% (0.3% of Total Investments)</b>			
2,480	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note Diageo Project, Series 2009A, 6.750%, 10/01/37	10/19 at 100.00	Baa3	2,497,087
	<b>Virginia 1.5% (1.0% of Total Investments)</b>			
8,190	Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.000%, 1/15/35 AMBAC Insured	1/13 at 100.00	A1	7,826,610
	<b>Washington 5.7% (3.6% of Total Investments)</b>			
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	1/15 at 100.00	Aa2 (4)	254,514
5,780	Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric Development, Series 2005A, 5.000%, 1/01/34 FGIC Insured	1/15 at 100.00	Aa2	5,609,259
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	No Opt. Call	Aa3	1,683,840
8,155	Tacoma, Washington, Electric System Revenue Refunding Bonds, Series 2001A, 5.750%, 1/01/20 (Pre-refunded 1/01/11) FSA Insured	1/11 at 101.00	AAA	8,823,139

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

2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32	No Opt. Call	N/R	1,375,620
1,000	Washington State Healthcare Facilities Authority, Revenue Bonds, Harrison Memorial Hospital, Series 1998, 5.000%, 8/15/28 AMBAC Insured	8/13 at 102.00	N/R	853,020
5,500	Washington State Healthcare Facilities Authority, Revenue Bonds, Swedish Health Services, Series 1998, 5.500%, 11/15/14 AMBAC Insured	11/10 at 100.00	A2	5,559,565
1,460	Washington State Healthcare Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 ACA Insured	8/17 at 100.00	BBB	1,134,654
4,005	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26	6/13 at 100.00	BBB	3,988,339
29,620	Total Washington			29,281,950
	<b>Wisconsin 3.0% (1.9% of Total Investments)</b>			
500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Medical College of Wisconsin Inc., Series 1996, 5.500%, 12/01/26 MBIA Insured	12/09 at 100.00	AA	500,065
7,500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Ministry Healthcare Inc., Series 2002A, 5.250%, 2/15/32 MBIA Insured	2/12 at 101.00	AA	6,852,825
4,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006, 5.250%, 8/15/34	8/16 at 100.00	BBB+	2,993,360
5,000	Wisconsin State, General Obligation Bonds, Series 2006, 4.750%, 5/01/25 FGIC Insured (UB)	5/16 at 100.00	AA	5,144,150
17,000	Total Wisconsin			15,490,400
\$ 985,367	Total Investments (cost \$840,918,401) 160.0%			819,113,338
	Floating Rate Obligations (11.7)%			(59,703,000)
	Other Assets Less Liabilities 2.3%			11,709,837
				(259,050,000)

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

Preferred Shares, at Liquidation Value	(50.6)%	
(6)		
Net Assets Applicable to Common Shares	100%	\$ 512,070,175

**Fair Value Measurements**

During the current fiscal period, the Fund adopted the provisions of Statement of Financial Accounting Standards No. 157 (SFAS No.157) Fair Value Measurements. SFAS No. 157 defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles and expands disclosure about 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 July 31, 2009:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ 819,113,338		\$ 819,113,338	

**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 transactions subject to Statement of Financial Accounting Standards No. 140 (SFAS No. 140), 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 July 31, 2009, the cost of investments was \$781,062,388.

Gross unrealized appreciation and gross unrealized depreciation of investments at July 31, 2009, were as follows:

Gross unrealized:	
Appreciation	\$ 30,786,973
Depreciation	(52,381,465)
Net unrealized appreciation (depreciation) of investments	\$(21,594,492)

All percentages shown in the Portfolio of Investments are based on net assets

(1) 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.

Ratings: Using the higher of Standard & Poor's Group (Standard & Poor's) or

(3) 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.

Backed by an escrow or trust containing sufficient U.S. Government or U.S.

(4) Government agency securities

which ensure the timely payment of principal and interest. Such investments are normally considered to

be equivalent to AAA rated securities.

The issuer has received a formal adverse determination from the Internal Revenue

(5) 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.

Preferred Shares, at Liquidation Value as a percentage of Total Investments is

(6) 31.6%.

N/R Not rated.

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

(ETM) Escrowed to maturity.

(IF) Inverse floating rate investment.

Underlying bond of an inverse floating rate trust reflected as a financing transaction

(UB) pursuant to the

provisions of SFAS No. 140.

---

## 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 September 29, 2009

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 September 29, 2009

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

Date September 29, 2009