

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-Q
September 28, 2012

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: 7/31/12

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, 2012

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Alabama – 3.7% (2.5% of Total Investments)			
\$ 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)	11/12 at 100.00	Aaa	\$ 11,940,558
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	AA+	5,313,450
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	1,009,880
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	1,023,760
1,500	Jefferson County, Alabama, Limited Obligation School Warrants, Education Tax Revenue Bonds, Series 2004A, 5.250%, 1/01/23 – AGM Insured	1/14 at 100.00	AA	1,505,490
2,325	Selma Industrial Development Board, Alabama, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2010A, 5.800%, 5/01/34	5/20 at 100.00	BBB	2,591,515
22,720	Total Alabama			23,384,653
	Alaska – 0.8% (0.5% of Total Investments)			
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+	1,732,482
3,065	Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26 (Pre-refunded 12/01/13) – NPMFG Insured	12/13 at 100.00	AA (4)	3,270,355
4,730	Total Alaska			5,002,837
	Arizona – 4.6% (3.1% of Total Investments)			
1,300	Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds, Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30	3/22 at 100.00	BBB–	1,351,285
10,350	Arizona Sports and Tourism Authority, Senior Revenue Refunding Bonds, Multipurpose Stadium Facility Project, Series 2012A, 5.000%, 7/01/30	7/22 at 100.00	A1	11,673,455
5,000			A1 (4)	5,216,150

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

	Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Series 2003A, 5.000%, 7/01/31 (Pre-refunded 7/01/13) – NPFG Insured	7/13 at 100.00		
1,665	Oro Valley, Arizona, Water Project Revenue Obligations, Refunding Senior Lien Series 2012, 4.000%, 7/01/20	No Opt. Call	AA	1,915,566
	Phoenix Mesa Gateway Airport Authority, Arizona, Special Facility Revenue Bonds, Mesa Project, Series 2012:			
400	5.000%, 7/01/27 (Alternative Minimum Tax)	7/22 at 100.00	AA+	440,904
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	1,021,868
3,710	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/41	7/21 at 100.00	A	4,132,829
3,000	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	A–	3,118,650
26,375	Total Arizona California – 23.0% (15.4% of Total Investments)			28,870,707
1,500	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Insured Revenue Bonds, Channing House, Series 2010, 6.000%, 5/15/30	5/20 at 100.00	A–	1,682,445
8,000	Anaheim Public Finance Authority, California, Senior Lease Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	9/17 at 100.00	A1	8,160,480
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	17,113,558
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+	5,232,050
2,900	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA–	3,046,334
1,385	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,528,223
1,220	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009-I, 6.375%, 11/01/34	11/19 at 100.00	A2	1,484,215
1,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 5.750%, 3/01/30	3/20 at 100.00	A2	1,716,060
4,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2011A, 5.125%, 10/01/31	10/21 at 100.00	A2	4,981,545
19,095	California State, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 – CIFG Insured	6/15 at 100.00	A1	20,330,251

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

1,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	A1	1,149,760
1,030	California Statewide Communities Development Authority, Revenue Bonds, American Baptist Homes of the West, Series 2010, 6.250%, 10/01/39	10/19 at 100.00	BBB+	1,120,558
1,050	California Statewide Communities Development Authority, School Facility Revenue Bonds, Aspire Public Schools, Series 2010, 6.000%, 7/01/40	1/19 at 100.00	BB+	1,082,582
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	1,016,360
1,685	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.551%, 5/15/14 (IF)	No Opt. Call	AA-	2,363,937
4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14 (ETM)	No Opt. Call	Aaa	4,756,721
1,000	Gavilan Joint Community College District, Santa Clara and San Benito Counties, California, General Obligation Bonds, Election of 2004 Series 2011D, 5.750%, 8/01/35	8/21 at 100.00	Aa2	1,218,580
2,000	Glendale Redevelopment Agency, Central Glendale Redevelopment Project, California, Tax Allocation Bonds, Series 2010, 5.500%, 12/01/24	12/16 at 100.00	A	2,110,340
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	1,054,640
3,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1: 5.750%, 6/01/47	6/17 at 100.00	BB-	2,539,890
610	5.125%, 6/01/47	6/17 at 100.00	BB-	466,510
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	1,732,361
360	Jurupa Public Financing Authority, California, Superior Lien Revenue Bonds, Series 2010A, 5.000%, 9/01/33	9/20 at 100.00	AA-	391,248
540	Madera County, California, Certificates of Participation, Children's Hospital Central California, Series 2010, 5.375%, 3/15/36	3/20 at 100.00	A+	578,264
2,000	Marinez Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2011, 0.000%, 8/01/31	8/24 at 100.00	AA-	2,147,440
1,000	Mendocino-Lake Community College District, California, General Obligation Bonds, Capital Appreciation, Election 2006, Series 2011, 0.000%, 8/01/31 - AGM Insured	8/26 at 100.00	AA-	951,570
2,700			A	3,546,099

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

	M-S-R Energy Authority, California, Gas Revenue Bonds, Series 2009C, 7.000%, 11/01/34	No Opt. Call		
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Baa3	3,387,420
1,250	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Baa3	1,367,350
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA-	2,897,400
2,000	Ridgecrest Redevelopment Agency, California, Ridgecrest Redevelopment Project Tax Allocation Bonds, Refunding Series 2010, 6.125%, 6/30/37	6/20 at 100.00	A-	2,195,500
11,310	San Francisco Bay Area Rapid Transit District, California, Sales Tax Revenue Bonds, Refunding Series 2006A, 4.250%, 7/01/31 – AGM Insured (UB)	7/16 at 100.00	AA+	11,809,337
670	San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2009C, 6.500%, 8/01/39	8/19 at 100.00	A-	779,156
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:			
4,430	0.000%, 1/15/32 – NPMFG Insured	No Opt. Call	BBB	1,492,733
31,300	0.000%, 1/15/34 – NPMFG Insured	No Opt. Call	BBB	9,372,159
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 3030, 17.237%, 9/01/38 – NPMFG Insured (IF)	9/17 at 100.00	Aa1	5,454,080
440	Semitrophic Improvement District of Semitrophic Water Storage District, Kern County, California, Revenue Bonds, Refunding Series 2009A, 5.000%, 12/01/38	12/19 at 100.00	AA-	490,930
690	South Gate Public Financing Authority, California, Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 – FGIC Insured	No Opt. Call	BBB	693,636
	Wiseburn School District, Los Angeles County, California, General Obligation Bonds, Series 2011B:			
4,005	0.000%, 8/01/36 – AGM Insured	8/31 at 100.00	AA-	2,321,138
3,900	5.625%, 5/01/41 – AGM Insured	8/21 at 100.00	AA-	4,549,857
3,000	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47	8/21 at 100.00	Aa2	3,382,830
162,540	Total California Colorado – 5.3% (3.5% of Total Investments)			143,695,547

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

1,250	Adams County School District 1, Mapleton Public Schools, Colorado, General Obligation Bonds, Series 2010, 6.250%, 12/01/35	12/20 at 100.00	Aa2	1,560,063
4,735	Broomfield, Colorado, Water Activity Enterprise, Water Revenue Bonds, Series 2012, 5.000%, 12/01/20	No Opt. Call	A1	5,777,174
1,200	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System Revenue Bonds, Series 2009A, 5.000%, 3/01/34	3/19 at 100.00	Aa2	1,341,996
1,000	Concord Metropolitan District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2010, 5.375%, 12/01/40	12/20 at 100.00	BBB	1,094,720
1,035	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. Call	A+	1,081,026
2,940	Denver Convention Center Hotel Authority, Colorado, Revenue Bonds, Convention Center Hotel, Senior Lien Series 2003A: 5.000%, 12/01/20 (Pre-refunded 12/01/13) – SYNCORA GTY Insured	12/13 at 100.00	N/R (4)	3,121,075
10,185	5.000%, 12/01/33 (Pre-refunded 12/01/13) – SYNCORA GTY Insured	12/13 at 100.00	N/R (4)	10,812,294
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 (Pre-refunded 12/15/14) – AGM Insured (UB)	12/14 at 100.00	Aa2 (4)	838,050
1,000	Meridian Metropolitan District, Douglas County, Colorado, General Obligation Refunding Bonds, Series 2011A, 5.000%, 12/01/41	12/21 at 100.00	A	1,075,180
1,765	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Refunding Bonds, Series 2011, 6.125%, 12/01/41 – AGM Insured	12/20 at 100.00	AA–	2,070,116
1,245	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010: 6.000%, 1/15/34	7/20 at 100.00	Baa3	1,433,817
2,365	6.000%, 1/15/41	7/20 at 100.00	Baa3	2,695,769
29,475	Total Colorado Florida – 7.9% (5.3% of Total Investments)			32,901,280
1,250	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2010A, 6.000%, 9/01/40	9/20 at 100.00	BBB	1,337,363
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–	310,773
5,000	Broward County School Board, Florida, Certificates of Participation, Series 2003, 5.000%, 7/01/28 (Pre-refunded 7/01/13) – NPFQ Insured	7/13 at 100.00	Aa3 (4)	5,218,500
3,000	Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 –	10/21 at 100.00	AA–	3,363,870

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

AGM Insured				
1,100	Florida Higher Educational Facilities Financing Authority, Revenue Bonds, Nova Southeastern University, Refunding Series 2011, 6.375%, 4/01/31	4/21 at 100.00	BBB+	1,273,954
5,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.250%, 10/01/18 – NPFG Insured (Alternative Minimum Tax)	10/13 at 100.00	A+	5,211,950
1,750	Jacksonville, Florida, Transportation Revenue Bonds, Refunding Series 2012A, 5.000%, 10/01/24	10/22 at 100.00	AA–	2,084,250
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)	12/12 at 100.00	BB+	5,020,000
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)	1/13 at 100.00	AA–	1,394,752
2,000	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	A2	2,048,360
1,050	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Series 2012, 5.000%, 7/01/42 (WI/DD, Settling 8/01/12)	7/22 at 100.00	AA	1,180,505
1,000	Northern Palm Beach County Improvement District, Florida, Revenue Bonds, Water Control and Improvement Development Unit 46B, Series 2007A, 5.350%, 8/01/41	8/17 at 100.00	N/R	994,170
1,925	Old Palm Community Development District, Florida, Special Assessment Bonds, Palm Beach Gardens, Series 2004A, 5.900%, 5/01/35	5/15 at 101.00	N/R	1,944,751
5,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (5)	8/17 at 100.00	AA	5,841,650
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10/18 at 100.00	AA–	12,148,290
46,160	Total Florida Georgia – 3.7% (2.4% of Total Investments)			49,373,138
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	A1	5,359,904
1,500	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	AA–	1,714,695
2,500	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010A, 5.000%, 2/15/30	2/20 at 100.00	A	2,721,500

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

5,355	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	A1 (4)	6,610,748
6,000	The Medical Center Hospital Authority, Georgia, Revenue Anticipation Certificates, Columbus	8/20 at 100.00	AA–	6,443,460
19,755	Regional Healthcare System, Inc. Project, Series 2010, 5.000%, 8/01/41			22,850,307
	Total Georgia			
	Guam – 0.7% (0.4% of Total Investments)			
4,000	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2010, 5.500%, 7/01/30	7/20 at 100.00	Ba2	4,163,720
	Hawaii – 0.8% (0.5% of Total Investments)			
1,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2010A, 5.500%, 7/01/40	7/20 at 100.00	A–	1,089,910
2,050	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B, 5.000%, 10/01/13	No Opt. Call	Aa1	2,163,365
1,580	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B, 5.000%, 10/01/13 (ETM)	No Opt. Call	Aaa	1,668,417
4,630	Total Hawaii			4,921,692
	Idaho – 0.2% (0.2% of Total Investments)			
800	Idaho Housing and Finance Association, Single Family Mortgage Revenue Bonds, Series 2009BI, 5.650%, 7/01/26	7/19 at 100.00	A1	884,640
595	Idaho Water Resource Board, Water Resource Loan Program Revenue, Ground Water Rights	9/22 at 100.00	Baa1	648,336
1,395	Mittigation Series 2012A, 5.000%, 9/01/32			1,532,976
	Total Idaho			
	Illinois – 17.9% (11.9% of Total Investments)			
1,180	Chicago Board of Education, Cook County, Illinois, General Obligation Bonds, Dedicated Revenues Series 2011A, 5.000%, 12/01/41	12/21 at 100.00	A+	1,301,646
3,090	Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 – NPMF Insured	No Opt. Call	A1	3,279,942
5,550	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 – AGM Insured (Alternative Minimum Tax)	11/12 at 100.00	AA–	5,556,771
415	Chicago, Illinois, Third Lien General Airport Revenue Bonds, O’Hare International Airport, Series 2005A, 5.000%, 1/01/33 – FGIC Insured	1/16 at 100.00	A2	442,519
1,250	Cook County Forest Preserve District, Illinois, General Obligation Bonds, Personal Property Replacement Tax Alternate Source, Series 2012C, 5.000%, 12/15/37 – AGM Insured	6/22 at 100.00	AA	1,402,550
1,455	Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997: 8.500%, 12/01/13 – FGIC Insured		N/R	1,594,258

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

		No Opt. Call		
1,685	8.500%, 12/01/15 – FGIC Insured	No Opt. Call	N/R	2,062,541
500	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project, Series 2010A, 7.750%, 5/15/30	5/20 at 100.00	N/R	586,870
500	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project, Temps 75 Series 2010D-1, 7.000%, 5/15/18	11/12 at 100.00	N/R	502,640
1,000	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	1,108,780
5,220	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	4/21 at 100.00	A	6,106,095
3,000	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	BBB+	3,210,330
1,500	Illinois Finance Authority, Revenue Bonds, Little Company of Mary Hospital and Health Care Centers, Series 2010, 5.375%, 8/15/40	8/15 at 105.00	A+	1,617,450
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)	2,765,142
3,200	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,688,064
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	644,365
1,665	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39	5/19 at 100.00	A2	2,059,788
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37	8/17 at 100.00	BBB	6,001,352
2,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38	8/19 at 100.00	BBB+	2,388,940
2,000	7.000%, 8/15/44	8/19 at 100.00	BBB+	2,400,880
500	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005 Remarketed, 5.250%, 3/01/30 – AGM Insured	3/20 at 100.00	AA–	560,830
3,000	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25	5/19 at 100.00	BBB+	3,444,090
1,000	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	5/17 at 100.00	BBB+	1,053,080
4,000			Aa2	4,057,920

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

	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		
	Illinois Health Facilities Authority, Revenue Refunding Bonds, Elmhurst Memorial Healthcare, Series 2002:			
3,000	5.500%, 1/01/22	1/13 at 100.00	BBB+	3,050,820
1,000	5.625%, 1/01/28	1/13 at 100.00	BBB+	1,015,930
2,655	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 7.000%, 4/01/14	No Opt. Call	Aa2	2,827,947
220	Illinois State, General Obligation Bonds, Refunding Series 2012, 5.000%, 8/01/25	No Opt. Call	A	246,952
2,250	Illinois State, General Obligation Bonds, Series 2012A, 4.000%, 1/01/26	1/22 at 100.00	A	2,309,513
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/19 – AGM Insured (UB)	No Opt. Call	AAA	12,364,522
1,245	Mc Henry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011B, 6.250%, 2/01/21 – AGM Insured	2/20 at 100.00	Aa3	1,506,213
825	McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011A: 6.000%, 2/01/24 – AGM Insured	2/20 at 100.00	Aa3	971,809
1,030	6.000%, 2/01/25 – AGM Insured	2/20 at 100.00	Aa3	1,202,412
2,500	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2012B, 5.000%, 6/15/52	6/22 at 100.00	AAA	2,752,500
9,500	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A: 0.000%, 6/15/24 – NPMFG Insured	6/22 at 101.00	AAA	8,861,885
36,040	0.000%, 6/15/40 – NPMFG Insured	No Opt. Call	AAA	9,086,405
445	Quad Cities Regional Economic Development Authority, Illinois, Revenue Bonds, Augustana College, Series 2012: 5.000%, 10/01/25	10/22 at 100.00	Baa1	480,115
400	5.000%, 10/01/26	10/22 at 100.00	Baa1	427,432
	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010:			

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

780	5.250%, 6/01/21	No Opt. Call	A	919,113
2,000	6.250%, 6/01/24	100.00	A-	2,257,060
2,655	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	AA	3,216,639
128,630	Total Illinois Indiana – 3.5% (2.3% of Total Investments) Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			111,334,110
1,950	0.000%, 2/01/24	No Opt. Call	AA+	1,329,588
2,705	0.000%, 2/01/25	No Opt. Call	AA+	1,753,543
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	Baa2	3,173,130
680	Indiana Finance Authority, Educational Facilities Refunding Revenue Bonds, Butler University Project, Series 2012B, 5.000%, 2/01/29	2/22 at 100.00	BBB+	739,752
1,050	Indiana Finance Authority, Educational Facilities Revenue Bonds, Drexel Foundation For Educational Excellence, Inc., Series 2009A, 7.000%, 10/01/39	10/19 at 100.00	BB+	1,147,986
1,500	Indiana Finance Authority, Hospital Revenue Bonds, Floyd Memorial Hospital and Health Services Project, Refunding Series 2010, 5.125%, 3/01/30	3/20 at 100.00	A-	1,608,885
1,460	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 – AGM Insured	No Opt. Call	AA-	1,574,333
4,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A:	6/13 at 100.00	AA+ (4)	4,159,240
6,000	5.000%, 6/01/23 (Pre-refunded 6/01/13) – AGM Insured	6/13 at 100.00	AA+ (4)	6,238,860
22,345	Total Indiana Iowa – 0.8% (0.5% of Total Investments)			21,725,317
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+	1,039,010
1,630	Iowa Higher Education Loan Authority, Private College Facility Revenue Bonds, University of Dubuque Project, Refunding Series 2011, 6.000%, 10/01/31	10/21 at 100.00	BBB-	1,763,513
2,000	Iowa Student Loan Liquidity Corporation, Student Loan Revenue Bonds, Refunding Series 2009-2, 5.500%, 12/01/25	12/19 at 100.00	A1	2,159,900
4,630	Total Iowa Kansas – 2.0% (1.3% of Total Investments)			4,962,423

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

Johnson and Miami Counties Unified School District 230, Kansas,
 General Obligation Bonds,
 Series 2011A:

2,000	5.000%, 9/01/26	9/21 at 100.00	Aa3	2,395,920
1,400	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,665,888
2,000	Kansas Development Finance Authority, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA	2,185,540
1,485	Kansas State Power Pool, Electric Utility Revenue Bonds, Dogwood Energy Facility, Series 2012A, 5.000%, 12/01/31	12/20 at 100.00	Baa1	1,594,177
600	Overland Park Transportation Development District, Kansas, Sales Tax Revenue Bonds, Oak Park Mall Project, Series 2010, 5.900%, 4/01/32	4/20 at 100.00	BBB	670,188
1,750	Wamego, Kansas, Pollution Control Revenue Bonds, Kansas Gas and Electric Company, Series 2004, 5.300%, 6/01/31 – NPFG Insured	6/14 at 100.00	A3	1,811,145
2,980	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Capital Appreciation Revenue Bonds Redevelopment Project Area B – Major Multi-Sport Athletic Complex Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21	No Opt. Call	BBB	2,018,533
12,215	Total Kansas			12,341,391
	Kentucky – 1.1% (0.8% of Total Investments)			
1,000	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.000%, 6/01/30	6/20 at 100.00	BBB+	1,166,580
5,000	Pikeville, Kentucky, Hospital Revenue Bonds, Pikeville Medical Center, Inc. Project, Improvement and Refunding Series 2011, 6.250%, 3/01/31	3/21 at 100.00	A3	5,972,750
6,000	Total Kentucky			7,139,330
	Louisiana – 4.8% (3.2% 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)	11/14 at 100.00	BBB	176,788
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	6/36 at 101.00	Aaa	1,840,615
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+	5,321,238
3,800	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	3,965,452
	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)	5/16 at 100.00	Aa1	1,588,987
15,820	4.500%, 5/01/41 – FGIC Insured (UB)	5/16 at 100.00	Aa1	16,566,862
170	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A, Residuals 660, 15.835%, 5/01/34 – FGIC Insured (IF)	5/16 at 100.00	Aa1	202,091
28,335	Total Louisiana			29,662,033
	Maine – 0.6% (0.4% of Total Investments)			
2,000	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, MaineGeneral Medical Center, Series 2011, 6.750%, 7/01/36	7/21 at 100.00	Baa3	2,357,220
1,250	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	AA	1,370,938
3,250	Total Maine			3,728,158
	Maryland – 0.5% (0.3% of Total Investments)			
775	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16	1/13 at 100.00	Aa2	777,255
50	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24	8/14 at 100.00	A2	53,363
2,090	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)	1/13 at 100.00	Aaa	2,095,079
2,915	Total Maryland			2,925,697
	Massachusetts – 1.5% (1.0% of Total Investments)			
2,805	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A, 5.000%, 3/01/35 – ACA Insured	3/15 at 100.00	BBB	2,840,792
1,000	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/12 at 102.00	N/R	1,011,190
1,900	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,117,930
3,465	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB) (5)	2/17 at 100.00	AA+	3,627,231
9,170	Total Massachusetts			9,597,143
	Michigan – 4.6% (3.0% of Total Investments)			
355	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	A+	375,079
625	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.000%, 11/01/30	11/20 at 100.00	AA	691,881
6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 – NPPG Insured	7/15 at 100.00	A	6,052,380

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

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	5,385,042
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	A+	2,102,340
1,500	Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, W.A. Foote Memorial Hospital, Refunding Series 2006B-2, 5.000%, 6/01/27 – AGM Insured	6/20 at 100.00	AA–	1,692,465
5,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/29 – NPFG Insured	10/13 at 100.00	Aa3	5,208,950
3,220	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39	11/19 at 100.00	A1	3,623,917
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	AA+ (4)	1,125,360
365	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A: 5.000%, 12/01/31 (Pre-refunded 12/01/16) (UB)	12/16 at 100.00	N/R (4)	432,489
1,635	5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	1,762,399
27,100	Total Michigan Minnesota – 1.6% (1.1% of Total Investments)			28,452,302
1,000	Duluth Housing & Redevelopment Authority, Minnesota, Lease Revenue Bonds, Duluth Public Schools Academy, Series 2010A, 5.875%, 11/01/40	11/20 at 100.00	BBB–	1,033,880
3,000	Rochester, Minnesota, Health Care Facilities Revenue Bonds, Mayo Clinic, Series 2012, 4.000%, 11/15/41	5/22 at 100.00	AA	3,127,080
2,875	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36	8/16 at 100.00	N/R	2,922,351
2,315	Washington County Housing & Redevelopment Authority, Minnesota, Hospital Facility Revenue Bonds, Healtheast Project, Series 1998, 5.500%, 11/15/27	11/12 at 100.00	BBB–	2,316,736
870	Wayzata, Minnesota, Senior Housing Enhanced Deposit Revenue Bonds, Folkestone Senior Living Community, Series 2012b, 4.875%, 5/01/19	5/14 at 100.00	N/R	880,092
10,060	Total Minnesota Mississippi – 1.9% (1.3% of Total Investments)			10,280,139
1,000	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	10/12 at 100.00	BBB	1,002,870
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	3,111,731
5,215			AA+	6,592,021

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

	Mississippi, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call		
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2008A, 6.500%, 9/01/32	9/18 at 100.00	BBB	1,133,480
10,190	Total Mississippi			11,840,102
	Missouri – 1.2% (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	6/17 at 100.00	BBB+	1,474,476
1,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior Services – Heisinger Project, Series 2004, 5.500%, 2/01/35	2/14 at 100.00	BBB+	1,017,760
1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri, Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36	10/19 at 100.00	A–	1,112,810
	Missouri Joint Municipal Electric Utility Commission, Power Supply System Revenue Bonds, MoPEP Facilities, Series 2012:			
1,080	5.000%, 1/01/22	1/21 at 100.00	A2	1,261,008
1,000	5.000%, 1/01/23	1/21 at 100.00	A2	1,157,830
1,250	5.000%, 1/01/25	1/21 at 100.00	A2	1,428,213
6,780	Total Missouri			7,452,097
	Nevada – 2.2% (1.5% of Total Investments)			
4,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	4,593,160
7,000	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 (Pre-refunded 7/01/13) – AMBAC Insured	7/13 at 100.00	AA– (4)	7,307,860
1,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB–	1,896,078
12,700	Total Nevada			13,797,098
	New Jersey – 2.3% (1.5% of Total Investments)			
	New Jersey Economic Development Authority, Student Housing Revenue Bonds, Provident Group-Montclair Properties LLC, Montclair State University Student Housing Project, Series 2010A:			
835	5.750%, 6/01/31	6/20 at 100.00	Baa3	934,766
3,000	5.875%, 6/01/42	6/20 at 100.00	Baa3	3,330,180
880	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 – NPFPG Insured	No Opt. Call	A+	1,039,394
	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C:			

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

300	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	A+ (4)	361,980
1,805	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	A+ (4)	1,986,439
4,005	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2003, 6.750%, 6/01/39 (Pre-refunded 6/01/13)	6/13 at 100.00	Aaa	4,223,833
2,710	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.750%, 6/01/34	6/17 at 100.00	B2	2,182,255
13,535	Total New Jersey New Mexico – 0.3% (0.2% of Total Investments)			14,058,847
1,500	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena Project, Series 2010A, 6.125%, 7/01/40	7/20 at 100.00	BBB	1,650,810
855	New York – 3.8% (2.5% of Total Investments) Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32	4/17 at 100.00	BBB–	844,398
1,945	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project, Series 2009:	1/20 at 100.00	BBB–	2,240,951
3,065	6.000%, 7/15/30	1/20 at 100.00	BBB–	3,512,092
4,070	6.250%, 7/15/40 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMFG Insured	2/17 at 100.00	A	4,188,559
1,000	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34	11/19 at 100.00	AA	1,130,370
1,250	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43	12/20 at 100.00	AA+	1,472,863
1,870	New York Liberty Development Corporation, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011, 5.000%, 11/15/44	11/21 at 100.00	A+	2,080,506
170	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1C, 5.500%, 6/01/18	10/12 at 100.00	AA–	170,655
795	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB–	902,770
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 – NPMFG Insured (Alternative Minimum Tax)	No Opt. Call	BBB	6,918,375
21,270	Total New York			23,461,539

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

North Carolina – 2.2% (1.5% 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	1/17 at 100.00	AA–	805,793
2,460	North Carolina Infrastructure Finance Corporation, Certificates of Participation, Correctional Facilities, Series 2004A, 5.000%, 2/01/21 (Pre-refunded 2/01/14)	2/14 at 100.00	AA+ (4)	2,634,291
10,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.250%, 1/01/18 – NPPG Insured	1/13 at 100.00	A	10,201,000
13,210	Total North Carolina			13,641,084
North Dakota – 0.6% (0.4% of Total Investments)				
2,190	Fargo, North Dakota, Health System Revenue Bonds, Sanford Health, Refunding Series 2011, 6.250%, 11/01/31	11/21 at 100.00	AA–	2,676,793
1,125	Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2012, 5.000%, 12/01/32	12/21 at 100.00	A–	1,222,358
3,315	Total North Dakota			3,899,151
Ohio – 3.3% (2.2% of Total Investments)				
5,370	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	B	4,507,095
2,000	Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010: 5.250%, 11/01/29	11/20 at 100.00	BBB+	2,154,400
3,000	Franklin County, Ohio, Healthcare Facilities Revenue Bonds, Ohio Presbyterian Retirement Services, Improvement Series 2010A, 5.625%, 7/01/26	11/20 at 100.00	BBB+	3,335,550
3,040	Lorain County Port Authority, Ohio, Recovery Zone Facility Economic Development Revenue Bonds, United State Steel Corporation Project, Series 2010, 6.750%, 12/01/40	7/21 at 100.00	BBB	3,366,830
700	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	12/20 at 100.00	BB	774,550
4,615	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E, 5.625%, 10/01/19	11/21 at 100.00	AA–	5,533,062
800	Ohio Valley Electric Corporation Project, Series 2009E, 5.625%, 10/01/19	No Opt. Call	BBB–	930,560
19,525	Total Ohio			20,602,047
Oklahoma – 1.0% (0.7% of Total Investments)				
5,615	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)	12/16 at 100.00	AA+	5,959,368
88	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2008, Trust 3500, 8.391%, 6/15/30 (IF)	12/16 at 100.00	AA+	97,812
5,703	Total Oklahoma			6,057,180

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

Oregon – 0.2% (0.1% of Total Investments)				
1,000	Portland, Oregon, River District Urban Renewal and Redevelopment Bonds, Series 2012C, 5.000%, 6/15/28	6/22 at 100.00	A1	1,162,800
Pennsylvania – 3.2% (2.2% of Total Investments)				
1,000	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	988,770
1,000	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29	1/19 at 100.00	BBB+	1,096,650
600	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Edinboro University Foundation Student Housing Project, Series 2010, 6.000%, 7/01/43	7/20 at 100.00	BBB–	674,226
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured (UB)	12/16 at 100.00	AA–	5,732,328
1,595	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40	5/20 at 100.00	AA	1,750,528
Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011:				
5,445	6.000%, 8/01/36	8/20 at 100.00	A2	6,414,700
1,425	6.500%, 8/01/41	8/20 at 100.00	A2	1,742,775
1,670	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	BBB+	1,848,523
18,225	Total Pennsylvania			20,248,500
Puerto Rico – 3.0% (2.0% of Total Investments)				
4,810	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2010C, 6.000%, 8/01/39	8/20 at 100.00	A+	5,525,199
12,390	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1997, 6.500%, 7/01/13 – NPMFG Insured	No Opt. Call	Baa1	13,017,799
17,200	Total Puerto Rico			18,542,998
Rhode Island – 2.4% (1.6% of Total Investments)				
15,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.250%, 6/01/42	10/12 at 100.00	BBB–	15,224,848
South Carolina – 2.6% (1.7% of Total Investments)				
4,120	Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 2/15/23 – NPMFG Insured	8/14 at 100.00	BBB	4,415,116
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	A–	6,470,100

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

5,085	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 – NPMFG Insured	No Opt. Call	A–	5,185,988
14,205	Total South Carolina			16,071,204
	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	11/14 at 100.00	AA–	1,822,100
	Tennessee – 0.5% (0.4% of Total Investments)			
5,075	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41	1/17 at 30.07	A	1,234,189
1,220	Shelby County Health, Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Methodist Le Bonheur Healthcare, Series 2012, 5.000%, 5/01/36	5/22 at 100.00	A+	1,341,939
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+	710,532
	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 (6)	11/17 at 100.00	N/R	17,191
1,000	5.500%, 11/01/46 (6)	11/17 at 100.00	N/R	19,990
8,835	Total Tennessee			3,323,841
	Texas – 18.3% (12.2% of Total Investments)			
3,000	Alliance Airport Authority, Texas, Special Facilities Revenue Bonds, American Airlines Inc., Series 2007, 5.250%, 12/01/29 (Alternative Minimum Tax) (6)	12/12 at 100.00	N/R	1,957,560
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	5,711,184
1,000	Central Texas Regional Mobility Authority, Senior Lien Revenue Bonds, Series 2011, 6.000%, 1/01/41	1/21 at 100.00	BBB–	1,160,300
2,285	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2001A, 5.875%, 11/01/19 – NPMFG Insured (Alternative Minimum Tax)	11/14 at 100.00	A+	2,293,409
2,600	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured	11/21 at 100.00	A+	2,898,168
2,275	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%, 11/01/27 – AGM Insured (Alternative Minimum Tax)	11/14 at 100.00	AA–	2,366,023
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	12/12 at 100.50	N/R	6,038,580
7,000			AA	7,311,920

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

	Harris County Health Facilities Development Corporation, Texas, Thermal Utility Revenue Bonds, TECO Project, Series 2003, 5.000%, 11/15/30 – NCFG Insured	11/13 at 100.00		
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	A2	13,418,832
7,500	Houston, Texas, Junior Lien Water and Sewerage System Revenue Refunding Bonds, Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM)	No Opt. Call	AA (4)	11,235,375
3,790	Houston, Texas, Subordinate Lien Airport System Revenue Refunding Bonds, Series Series 2012A, 5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	A+	4,194,090
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	8,057,617
2,000	Lubbock, Texas, General Obligation Bonds, Series 2012, 5.000%, 2/15/27	2/22 at 100.00	AA+	2,402,060
1,100	North Texas Tollway Authority, First Tier System Revenue Refunding Bonds, Series 2008A, 5.750%, 1/01/40 – AGC Insured	1/18 at 100.00	AA–	1,264,098
2,500	North Texas Tollway Authority, Second Tier System Revenue Refunding Bonds, Series 2008F, 5.750%, 1/01/38	1/18 at 100.00	A3	2,748,750
1,960	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 0.000%, 9/01/43	9/31 at 100.00	AA	1,386,132
1,100	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A2	1,269,389
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)	12/12 at 100.00	Aaa	3,509,777
1,800	Sam Rayburn Municipal Power Agency, Texas, Power Supply System Revenue Refunding Bonds, Series 2002A, 5.750%, 10/01/21 (Pre-refunded 10/01/12) – RAAI Insured	10/12 at 100.00	BBB+ (4)	1,808,622
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 17.550%, 2/15/30 (IF) (5)	2/17 at 100.00	AA–	325,250
2,890	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White HealthCare Project, Series 2010, 5.500%, 8/15/45	8/20 at 100.00	AA–	3,243,505
5,200	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA–	5,591,300
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–	1,830,968
1,620	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE	12/19 at 100.00	Baa2	1,949,719

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

Mobility Partners LLC North Tarrant Express Managed Lanes
 Project, Series 2009,
 6.875%, 12/31/39
 Texas Private Activity Bond Surface Transportation Corporation,
 Senior Lien Revenue Bonds, LBJ
 Infrastructure Group LLC IH-635 Managed Lanes Project, Series
 2010:

2,000	7.000%, 6/30/34	6/20 at 100.00	Baa3	2,469,380
500	7.000%, 6/30/40	6/20 at 100.00	Baa3	611,935
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	8/17 at 100.00	BBB	1,022,300
3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.752%, 4/01/28 (IF)	4/17 at 100.00	Aaa	5,550,418
1,320	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured	No Opt. Call	BBB+	960,630
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)	11/12 at 100.00	Aaa	9,271,970
144,750	Total Texas			113,859,261
	Utah – 1.7% (1.1% of Total Investments)			
4,195	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community Hospital Project, Series 1998, 5.750%, 12/15/18	12/12 at 100.00	N/R	4,200,537
2,520	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)	1/13 at 100.00	Aa3 (4)	2,661,926
380	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	1/13 at 100.00	AA	403,366
540	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C: 5.500%, 1/01/18 (Alternative Minimum Tax)	1/13 at 100.00	AA–	541,021
305	5.650%, 1/01/21 (Alternative Minimum Tax)	1/13 at 100.00	Aaa	305,564
810	Utah State Charter School Finance Authority, Charter School Revenue Bonds, North Davis Preparatory Academy, Series 2010, 6.375%, 7/15/40	7/20 at 100.00	BBB–	850,095
1,555	Utah State Charter School Finance Authority, Charter School Revenue Bonds, Paradigm High School, Series 2010A, 6.375%, 7/15/40	7/20 at 100.00	BBB–	1,616,796
10,305	Total Utah			10,579,305
	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	10/19 at 100.00	Baa3	276,525

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

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	BBB	2,934,708
2,730	Total Virgin Islands Virginia – 2.6% (1.7% of Total Investments) Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002:			3,211,233
1,005	5.000%, 1/15/35 (Pre-refunded 1/15/13) – AMBAC Insured	1/13 at 100.00	Aa3 (4)	1,027,261
7,185	5.000%, 1/15/35 (Pre-refunded 1/15/13) – AMBAC Insured	1/13 at 100.00	Aa3 (4)	7,342,783
1,000	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47	6/17 at 100.00	B2	701,380
1,765	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, 95 Express Lanes LLC Project, Series 2012, 5.000%, 1/01/40 (Alternative Minimum Tax)	1/22 at 100.00	BBB–	1,865,376
4,640	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012, 6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB–	5,315,584
15,595	Total Virginia Washington – 3.4% (2.3% of Total Investments)			16,252,384
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	Aa3 (4)	244,567
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	AA	6,000,160
1,770	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	Aa2	1,801,701
2,185	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children’s Hospital, Series 2012A, 5.000%, 10/01/42	No Opt. Call	AA	2,418,882
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2009A, 6.000%, 1/01/33	7/19 at 100.00	A	2,258,220
1,100	Washington State Health Care Facilities Authority, Revenue Bonds, Harrison Memorial Hospital, Series 1998, 5.000%, 8/15/28 – AMBAC Insured	8/13 at 102.00	N/R	1,114,344
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32	12/17 at 100.00	N/R	2,046,840
1,460	Washington State Health Care Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 – ACA Insured	8/17 at 100.00	BBB	1,551,907
3,745	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26	6/13 at 100.00	A3	3,897,908

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

20,260	Total Washington			21,334,529
	West Virginia – 0.3% (0.2% of Total Investments)			
	West Virginia Hospital Finance Authority , Hospital Revenue	9/19 at		
1,950	Bonds, Charleston Area Medical	100.00	A3	2,140,554
	Center, Series 2009A, 5.625%, 9/01/32			
	Wisconsin – 2.7% (1.8% of Total Investments)			
	Monroe Redevelopment Authority, Wisconsin, Development	2/19 at		
815	Revenue Bonds, The Monroe Clinic, Inc.,	100.00	A3	920,388
	Series 2009, 5.875%, 2/15/39			
	Wisconsin Health and Educational Facilities Authority, Revenue	4/20 at		
1,400	Bonds, Beloit Health System,	100.00	A–	1,451,772
	Inc., Series 2010B, 5.000%, 4/01/30			
	Wisconsin Health and Educational Facilities Authority, Revenue	6/22 at		
2,000	Bonds, Mercy Alliance, Inc.,	100.00	A2	2,175,600
	Series 2012, 5.000%, 6/01/32			
	Wisconsin Health and Educational Facilities Authority, Revenue			
	Bonds, Wheaton Franciscan			
	Healthcare System, Series 2006:			
		8/16 at		
5,000	5.250%, 8/15/21	100.00	A–	5,398,000
		8/16 at		
1,000	5.250%, 8/15/34	100.00	A–	1,045,611
	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/16 at			
5,000	5/01/25 – FGIC Insured (UB) (5)	100.00	AA	5,603,100
15,215	Total Wisconsin			16,594,471
	\$			
971,178	Total Investments (cost \$853,265,049) – 150.1%			935,672,883
	Floating Rate Obligations – (9.6)%			(59,703,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value –			
	(42.1)% (7)			(262,200,000)
	Other Assets Less Liabilities – 1.6%			9,762,675
				\$
	Net Assets Applicable to Common Shares – 100%			623,532,558

Fair Value Measurements

Fair value is defined as the price that the Fund would receive upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The following is a summary of the three-tiered hierarchy of valuation input levels:

- Level 1 – Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.
 Level 2 – Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).
 Level 3 – Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risks associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$—	\$935,672,883	\$—	\$935,672,883

The Nuveen funds' Board of Directors/Trustees is responsible for the valuation process and has delegated the oversight of the daily valuation process to the Adviser's Valuation Committee. The Valuation Committee, pursuant to the valuation policies and procedures adopted by the Board of Directors/Trustees, is responsible for making fair value determinations, evaluating the effectiveness of the funds' pricing policies, and reporting to the Board of Directors/Trustees. The Valuation Committee is aided in its efforts by the Adviser's dedicated Securities Valuation Team, which is responsible for administering the daily valuation process and applying fair value methodologies as approved by the Valuation Committee. When determining the reliability of independent pricing services for investments owned by the funds, the Valuation Committee, among other things, conducts due diligence reviews of the pricing services and monitors the quality of security prices received through various testing reports conducted by the Securities Valuation Team.

The Valuation Committee will consider pricing methodologies it deems relevant and appropriate when making fair value determinations. Examples of possible methodologies include, but are not limited to, multiple of earnings; discount from market of a similar freely traded security; discounted cash-flow analysis; book value or a multiple thereof; risk premium/yield analysis; yield to maturity; and/or fundamental investment analysis. The Valuation Committee will also consider factors it deems relevant and appropriate in light of the facts and circumstances. Examples of possible factors include, but are not limited to, the type of security; the issuer's financial statements; the purchase price of the security; the discount from market value of unrestricted securities of the same class at the time of purchase; analysts' research and observations from financial institutions; information regarding any transactions or offers with respect to the security; the existence of merger proposals or tender offers affecting the security; the price and extent of public trading in similar securities of the issuer or comparable companies; and the existence of a shelf registration for restricted securities.

For each portfolio security that has been fair valued pursuant to the policies adopted by the Board of Directors/Trustees, the fair value price is compared against the last available and next available market quotations. The Valuation Committee reviews the results of such testing and fair valuation occurrences are reported to the Board of Directors/Trustees.

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 July 31, 2012, the cost of investments was \$794,378,128.

Gross unrealized appreciation and gross unrealized depreciation of investments at July 31, 2012, were as follows:

Gross unrealized:	
Appreciation	\$85,226,285
Depreciation	(3,594,430)
Net unrealized appreciation (depreciation) of investments	\$81,631,855

- (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 highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
 - (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. Bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
 - (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
 - (6) At or subsequent to the end of the reporting period, this security is non-income producing. Non-income producing security, in the case of a bond, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has directed the Fund's custodian to cease accruing additional income on the Fund's records.
 - (7) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 28.0%.
- N/R Not rated.
- WI/DD Investment, or portion of investment, 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: September 28, 2012

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 28, 2012

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

Date: September 28, 2012