

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC  
Form N-Q  
September 29, 2014

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: 7/31/14

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.



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

Item 1. Schedule of Investments

Portfolio of Investments (Unaudited)

Nuveen Premium Income Municipal Fund 4, Inc. (NPT)  
July 31, 2014

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 151.5% (98.9% of Total Investments)			
	MUNICIPAL BONDS – 150.8% (98.4% of Total Investments)			
	Alabama – 3.9% (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)	10/14 at 100.00	Aaa	11,942,699
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+	5,246,000
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	1,005,380
1,000	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds,	6/15 at 100.00	BBB	1,016,840
1,500	International Paper Company, Series 2005A, 5.000%, 6/01/25 Jefferson County, Alabama, Limited Obligation School Warrants, Education Tax Revenue Bonds, Series 2004A, 5.250%, 1/01/23 – AGM Insured	9/14 at 100.00	AA	1,501,080
2,375	Selma Industrial Development Board, Alabama, Gulf Opportunity Zone Revenue Bonds,	5/20 at 100.00	BBB	2,644,848
22,770	International Paper Company Project, Series 2010A, 5.800%, 5/01/34 Total Alabama			23,356,847
	Alaska – 0.3% (0.2% of Total Investments)			
1,665	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 (Pre-refunded 12/01/14) – FGIC Insured (UB)	12/14 at 100.00	AA+ (4)	1,691,940
	Arizona – 3.5% (2.3% of Total Investments)			
1,300	Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds,	3/22 at 100.00	Baa1	1,344,694
10,450	Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30 Arizona Sports and Tourism Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Refunding Senior Series 2012A, 5.000%, 7/01/30	7/22 at 100.00	A1	11,266,772

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

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+	445,848
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	1,020,899
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	4,061,523
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-	3,283,860
19,810	Total Arizona			21,423,596
	California – 23.6% (15.4% of Total Investments)			
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	1,709,205
8,000	Anaheim Public Financing Authority, California, Senior Lease Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	9/17 at 100.00	AA-	8,090,640
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+	5,127,900
710	California Health Facilities Financing Authority, Revenue Bonds, Saint Joseph Health System, Series 2013A, 5.000%, 7/01/37	7/23 at 100.00	AA-	770,826
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-	3,055,237
1,360	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,497,931
2,000	California State Public Works Board, Lease Revenue Bonds, Judicial Council of California, Various Projects Series 2013A, 5.000%, 3/01/38	3/23 at 100.00	A1	2,185,800
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	A1	1,472,857
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	A1	1,707,675
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	A1	5,076,765
19,095	California State, General Obligation Bonds, Various Purpose Series 2005, 5.000%, 6/01/33 – CIFG Insured	6/15 at 100.00	Aa3	19,685,608
1,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	Aa3	1,142,800
1,030			BBB+	1,105,818

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

	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		
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	1,075,400
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	B-	918,990
1,685	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.529%, 5/15/40 (IF)	5/18 at 100.00	AA-	2,330,170
3,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Election 2012 Series 2013B, 5.000%, 8/01/38	8/23 at 100.00	AA	3,331,410
3,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Refunding Bonds, Series 2013A, 0.000%, 1/15/26	No Opt. Call	BBB-	1,887,540
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	1,165,950
2,000	Glendale Redevelopment Agency, California, Tax Allocation Bonds, Central Glendale Redevelopment Project, Series 2010, 5.500%, 12/01/24	12/16 at 100.00	A	2,106,420
2,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1: 4.500%, 6/01/27	6/17 at 100.00	B	1,780,980
3,000	5.750%, 6/01/47	6/17 at 100.00	B	2,413,830
610	5.125%, 6/01/47	6/17 at 100.00	B	450,894
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	1,977,960
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+	573,955
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	2,314,940
1,000	Mendocino-Lake Community College District, California, General Obligation Bonds, Election 2006, Series 2011B, 0.000%, 8/01/31 - AGM Insured	8/26 at 100.00	AA	1,000,530
1,030	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/28	9/14 at 100.00	AA	783,882
2,700	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series	No Opt. Call	A	3,669,840

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

	2009C, 7.000%, 11/01/34			
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Ba1	3,264,180
1,250	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Ba1	1,333,438
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA-	2,831,050
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-	2,208,020
11,310	San Francisco Bay Area Rapid Transit District, California, Sales Tax Revenue Bonds, Series 2006A, 4.250%, 7/01/31 – AGM Insured (UB)	7/16 at 100.00	AA+	11,534,051
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-	759,659
	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	AA-	1,637,107
31,300	0.000%, 1/15/34 – NPMFG Insured	No Opt. Call	AA-	10,126,802
16,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Series 2007A, 5.000%, 9/01/38 – NPMFG Insured (UB)	9/17 at 100.00	AA+	17,529,280
690	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-	756,661
	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	2,450,900
3,900	5.625%, 5/01/41 – AGM Insured	8/21 at 100.00	AA	4,388,709
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	3,267,300
162,675	Total California			142,498,910
	Colorado – 7.9% (5.2% of Total Investments)			
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	1,462,838
700	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax	7/18 at 100.00	N/R	715,127

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

	Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23			
4,735	Broomfield, Colorado, Water Activity Enterprise, Water Revenue Bonds, Series 2012, 5.000%, 12/01/20	No Opt. Call	A1	5,574,326
625	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2013A, 6.000%, 12/01/38	12/23 at 100.00	BBB	727,088
1,240	Colorado City Metropolitan District, Oueblo county, Colorado, Water and Wastewater Enterprise Revenue Bonds, Refunding & Improvement Series 2012, 4.500%, 12/01/34	No Opt. Call	A-	1,234,209
1,000	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Pinnacle Charter School, Inc. High School Project, Series 2010, 5.000%, 12/01/29	12/19 at 100.00	BBB	1,038,060
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Children's Hospital Colorado Project, Series 2013A, 5.000%, 12/01/36	12/23 at 100.00	A+	2,143,120
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Craig Hospital Project, Series 2012, 4.000%, 12/01/42	No Opt. Call	A-	1,918,000
585	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013, 5.625%, 6/01/43	6/23 at 100.00	A-	641,429
2,250	Colorado Springs, Colorado, Utilities System Improvement Revenue Bonds, Series 2013B-1, 5.000%, 11/15/38	11/23 at 100.00	AA	2,518,403
945	Colorado Springs, Colorado, Utility System Revenue Bonds, Improvement Series 2008C, 5.500%, 11/15/48	11/18 at 100.00	AA	1,071,989
25	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	27,787
1,175	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System Revenue Bonds, Series 2009A, 5.000%, 3/01/34 (Pre-refunded 3/01/19)	3/19 at 100.00	N/R (4)	1,373,281
1,210	Colorado Water Resources and Power Development Authority, Water Resources Revenue Bonds, City of Fountain, Electric, Water & Wastewater Utility Enterprise Project, Series 2013A, 5.000%, 9/01/38 - AGM Insured	9/22 at 100.00	AA	1,304,525
1,070	Commerce City Northern Infrastructure General Improvement District, Colorado, General Obligation Bonds, Series 2013: 5.000%, 12/01/29 - AGM Insured	12/22 at 100.00	AA	1,184,683
1,685	5.000%, 12/01/30 - AGM Insured	12/22 at 100.00	AA	1,857,915
1,000	5.000%, 12/01/31 - AGM Insured		AA	1,106,420

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

		12/22 at		
		100.00		
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	1,060,410
2,200	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 5.000%, 11/15/32	11/22 at 100.00	A+	2,414,786
3,000	Eagle River Water and Sanitation District, Eagle County, Colorado, Enterprise Wastewater Revenue Bonds, Series 2012, 5.000%, 12/01/42	No Opt. Call	A+	3,260,520
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 (Pre-refunded 12/15/14) – AGM Insured	12/14 at 100.00	AA (4)	768,552
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	1,052,890
3,015	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	3,376,408
2,090	Parker Water and Sanitation District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2012, 4.500%, 8/01/37	No Opt. Call	AA-	2,238,495
	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:			
1,245	6.000%, 1/15/34	7/20 at 100.00	Baa3	1,387,279
2,365	6.000%, 1/15/41	7/20 at 100.00	Baa3	2,622,005
2,100	Salida Hospital District, Colorado, Revenue Bonds, Series 2006, 5.250%, 10/01/36	10/16 at 100.00	N/R	2,102,814
1,465	SBC Metropolitan District, Colorado, General Obligation Bonds, Series 2012, 4.000%, 12/01/37	No Opt. Call	BBB+	1,348,913
160	Stonegate Village Metropolitan District, Colorado, Wastewater Enterprise Revenue Bonds, Series 2014, 3.250%, 12/01/26 – BAM Insured	12/22 at 100.00	AA	159,242
43,890	Total Colorado			47,691,514
	Florida – 7.4% (4.8% of Total Investments)			
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-	1,310,138
	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2013A:			
1,005	5.000%, 9/01/43	9/23 at 100.00	BBB-	977,925
865	5.000%, 9/01/45	9/23 at 100.00	BBB-	838,436
2,115	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-	2,437,918



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

1,480	Broward County, Florida, Fuel System Revenue Bonds, Fort Lauderdale Fuel Facilities LLC Project, Series 2013A, 5.000%, 4/01/33 – AGM Insured (Alternative Minimum Tax)	4/23 at 100.00	AA	1,570,162
2,000	Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	AA	2,139,520
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	Baa1	1,287,594
1,795	Jacksonville, Florida, Transportation Revenue Bonds, Refunding Series 2012A, 5.000%, 10/01/24	10/22 at 100.00	AA-	2,116,574
2,050	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	2,070,336
1,170	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Series 2012, 5.000%, 7/01/42	7/22 at 100.00	AA	1,271,427
7,045	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	Aa3	7,493,485
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	1,014,070
1,845	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	1,877,011
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	5,651,435
1,000	Sumter County Industrial Development Authority, Florida, Hospital Revenue Bonds, Central Florida Health Alliance Projects, Series 2014A, 5.125%, 7/01/34	1/24 at 100.00	BBB+	1,056,950
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10/18 at 100.00	AA-	11,706,530
42,175	Total Florida			44,819,511
	Georgia – 2.6% (1.7% of Total Investments)			
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	AA-	5,190,328
1,500	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	AA	1,636,455
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	2,644,700
5,250	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%,	No Opt. Call	A1 (4)	6,187,598

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

	1/01/19 – FGIC Insured (ETM)			
13,650	Total Georgia			15,659,081
	Guam – 0.7% (0.5% of Total Investments)			
	Guam Government Waterworks Authority, Water and Wastewater	7/20 at		
4,000	System Revenue Bonds,	100.00	A–	4,353,840
	Series 2010, 5.500%, 7/01/30			
	Hawaii – 0.9% (0.6% of Total Investments)			
	Hawaii Department of Budget and Finance, Special Purpose Revenue	7/20 at		
1,000	Bonds, Hawaii Pacific Health	100.00	A2	1,076,120
	Obligated Group, Series 2010A, 5.500%, 7/01/40			
	Hawaii Department of Budget and Finance, Special Purpose Revenue	7/23 at		
3,000	Bonds, Hawaii Pacific Health	100.00	A2	3,345,330
	Obligated Group, Series 2013A, 5.500%, 7/01/43			
	Hawaii Department of Budget and Finance, Special Purpose Revenue	7/23 at		
1,175	Bonds, Hawaii Pacific	100.00	BB+	1,246,922
	University, Series 2013A, 6.625%, 7/01/33			
5,175	Total Hawaii			5,668,372
	Idaho – 0.5% (0.4% of Total Investments)			
	Idaho Housing and Finance Association, Single Family Mortgage	7/19 at		
160	Revenue Bonds, Series 2009BI,	100.00	A1	168,541
	5.650%, 7/01/26			
	Idaho Water Resource Board, Water Resource Loan Program	9/22 at		
595	Revenue, Ground Water Rights	100.00	Baa1	629,617
	Mitigation Series 2012A, 5.000%, 9/01/32			
	Twin Falls County School District 411, Idaho, General Obligation	No Opt.		
2,230	Bonds, Series 2014A,	Call	Aa1	2,473,806
	4.500%, 9/15/32			
2,985	Total Idaho			3,271,964
	Illinois – 17.0% (11.1% of Total Investments)			
	Chicago Board of Education, Illinois, General Obligation Bonds,	12/21 at		
1,180	Dedicated Revenues Series	100.00	A+	1,168,637
	2011A, 5.000%, 12/01/41			
	Chicago Board of Education, Illinois, General Obligation Lease	No Opt.		
1,090	Certificates, Series 1992A,	Call	AA–	1,116,563
	6.250%, 1/01/15 – NPMG Insured			
	Chicago, Illinois, General Airport Revenue Bonds, O’Hare	1/16 at		
415	International Airport, Third Lien	100.00	AA–	431,853
	Series 2005A, 5.000%, 1/01/33 – FGIC Insured			
	Cook County Forest Preserve District, Illinois, General Obligation	6/22 at		
1,250	Bonds, Personal Property	100.00	AA	1,340,188
	Replacement Tax Alternate Source, Series 2012C, 5.000%, 12/15/37 –			
	AGM Insured			
	Cook County School District 99, Cicero, Illinois, General Obligation	No Opt.		
1,685	School Bonds, Series	Call	A3	1,859,920
	1997, 8.500%, 12/01/15 – FGIC Insured			
	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project,	5/20 at		
500	Series 2010A, 7.750%, 5/15/30	100.00	N/R	510,030
	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project,	9/14 at		
500	Temps 75 Series 2010D-1,	100.00	N/R	500,170
	7.000%, 5/15/18			
1,000			AA	1,092,990

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

	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	11/19 at 100.00		
5,220	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	4/21 at 100.00	A	6,008,951
3,000	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	Baa2	3,221,010
5,015	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 5.000%, 5/15/43	5/22 at 100.00	Baa1	5,037,116
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)	2,520,005
3,160	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,544,161
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	618,335
415	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A: 5.500%, 7/01/28	7/23 at 100.00	A-	458,011
905	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39	7/23 at 100.00	A-	1,003,066
1,665	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37	5/19 at 100.00	A+	1,892,322
5,565	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38	8/17 at 100.00	Baa1	6,048,877
2,000	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005 Remarketed, 5.250%, 3/01/30 – AGM Insured	8/19 at 100.00	BBB+	2,290,420
2,000	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25	8/19 at 100.00	BBB+	2,291,940
500	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	3/20 at 100.00	AA	541,640
3,000	Illinois State, General Obligation Bonds, Refunding Series 2012, 5.000%, 8/01/25	5/19 at 100.00	BBB+	3,332,790
2,615	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	5/17 at 100.00	BBB+	1,009,945
910	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38	8/22 at 100.00	A-	2,775,979
5,295		7/23 at 100.00	A-	965,556
9,795		1/23 at 100.00	AA-	5,766,785
			AAA	11,618,927

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

	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Series 2002, 5.250%, 12/01/19 – AGM Insured (UB)	No Opt. Call		
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 McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011A:	2/20 at 100.00	A2	1,444,561
825	6.000%, 2/01/24 – AGM Insured	2/20 at 100.00	A2	930,707
1,030	6.000%, 2/01/25 – AGM Insured Metropolitan Pier and Exposition Authority, Illinois, McCormick	2/20 at 100.00	A2	1,151,664
2,500	Place Expansion Project Refunding Bonds, Series 2012B, 5.000%, 6/15/52 Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:	6/22 at 100.00	AAA	2,597,800
9,500	0.000%, 6/15/24 – NPFG Insured	6/22 at 101.00	AAA	9,470,455
36,040	0.000%, 6/15/40 – NPFG Insured Quad Cities Regional Economic Development Authority, Illinois, Revenue Bonds, Augustana College, Series 2012:	No Opt. Call	AAA	9,967,583
445	5.000%, 10/01/25	10/22 at 100.00	Baa1	483,065
400	5.000%, 10/01/26 Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010:	10/22 at 100.00	Baa1	430,936
780	5.250%, 6/01/21	No Opt. Call	A	916,952
2,000	6.250%, 6/01/24 Regional Transportation Authority, Cook, DuPage, Kane, Lake,	6/16 at 100.00	A–	2,199,380
2,200	McHenry and Will Counties, Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 – AMBAC Insured	No Opt. Call	AA	2,570,370
1,580	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/32	10/23 at 100.00	A	1,780,976
121,235	Total Illinois Indiana – 3.1% (2.0% of Total Investments) Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			102,910,636
1,950	0.000%, 2/01/24	No Opt. Call	AA+	1,457,411
2,705	0.000%, 2/01/25		AA+	1,927,015

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

		No Opt. Call		
3,000	Delaware County Hospital Authority, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36	8/16 at 100.00	A3	3,126,810
2,000	Indiana Finance Authority, Economic Development Revenue Bonds, Republic Service, Inc. Project, Refunding Series 2010A, 0.400%, 5/01/34 (Mandatory put 12/01/14) (Alternative Minimum Tax)	No Opt. Call	BBB+	2,000,000
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+	731,673
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-	1,076,502
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-	1,579,035
5,380	Indiana Finance Authority, Private Activity Bonds, Ohio River Bridges East End Crossing Project, Series 2013A, 5.000%, 7/01/44 (Alternative Minimum Tax)	7/23 at 100.00	BBB	5,579,598
	Indiana Finance Authority, Tax-Exempt Private Activity Revenue Bonds, I-69 Section 5 Project, Series 2014:			
605	5.250%, 9/01/34 (Alternative Minimum Tax)	9/24 at 100.00	BBB	640,677
255	5.250%, 9/01/40 (Alternative Minimum Tax)	9/24 at 100.00	BBB	268,558
520	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	534,898
19,645	Total Indiana			18,922,177
	Iowa – 0.8% (0.5% of Total Investments)			
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+	1,033,270
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-	1,726,040
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	2,180,780
4,630	Total Iowa			4,940,090
	Kansas – 1.2% (0.8% of Total Investments)			
	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	2,276,520
1,400	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,584,282

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

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	1,556,696
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	652,026
1,585	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	A–	1,105,839
7,070	Total Kansas Kentucky – 1.9% (1.2% of Total Investments)			7,175,363
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+	1,130,260
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	5,648,400
4,000	Warren County, Kentucky, Hospital Refunding Revenue Bonds, Bowling Green-Warren County Community Hospital Corporation, Series 2013, 5.000%, 4/01/28	4/23 at 100.00	A	4,445,000
10,000	Total Kentucky Louisiana – 8.1% (5.3% of Total Investments)			11,223,660
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	166,530
1,715	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	Ba3	1,776,637
7,445	Louisiana Public Facilities Authority, Dock and Wharf Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.500%, 7/01/36 (Alternative Minimum Tax)	7/23 at 100.00	N/R	7,909,866
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+	5,224,727
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	3,978,410
5,375	Louisiana Stadium and Exposition District, Revenue Refunding Bonds, Senior Lien Series 2013A: 5.000%, 7/01/30	7/23 at 100.00	A	5,916,424
4,580	5.000%, 7/01/31	7/23 at 100.00	A	5,004,932
300	5.000%, 7/01/36	7/23 at 100.00	A	321,258

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

Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:

		5/16 at		
1,480	4.750%, 5/01/39 – AGM Insured	100.00	Aa1	1,557,078
		5/16 at		
15,820	4.500%, 5/01/41 – FGIC Insured (UB)	100.00	Aa1	16,559,269
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006,	5/16 at		
170	Residuals 661, 16.105%,	100.00	Aa1	201,765
	5/01/34 – NPPG Insured (IF)			
46,000	Total Louisiana			48,616,896
	Maine – 0.7% (0.4% of Total Investments)			
	Maine Health and Higher Educational Facilities Authority Revenue	7/23 at		
540	Bonds, Eastern Maine Medical	100.00	Baa1	556,432
	Center Obligated Group Issue, Series 2013, 5.000%, 7/01/43			
	Maine Health and Higher Educational Facilities Authority, Revenue	7/21 at		
2,000	Bonds, Maine General Medical	100.00	BBB–	2,207,340
	Center, Series 2011, 6.750%, 7/01/36			
	Maine Health and Higher Educational Facilities Authority, Revenue	7/20 at		
1,250	Bonds, Series 2010A,	100.00	AA	1,329,113
	5.000%, 7/01/40			
3,790	Total Maine			4,092,885
	Maryland – 0.1% (0.1% of Total Investments)			
	Maryland Community Development Administration, Housing	1/15 at		
320	Revenue Bonds, Series 1996A,	100.00	Aa2	321,082
	5.875%, 7/01/16			
	Maryland Health and Higher Educational Facilities Authority,	8/14 at		
50	Revenue Bonds, MedStar Health,	100.00	A2	50,214
	Series 2004, 5.375%, 8/15/24			
	Montgomery County Housing Opportunities Commission, Maryland,	1/15 at		
345	Multifamily Housing Development	100.00	Aaa	345,904
	Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)			
715	Total Maryland			717,200
	Massachusetts – 1.6% (1.0% of Total Investments)			
	Massachusetts Development Finance Agency, Revenue Bonds, Curry	3/15 at		
2,805	College, Series 2005A, 5.000%,	100.00	BBB	2,814,481
	3/01/35 – ACA Insured			
	Massachusetts Development Finance Agency, Revenue Bonds,	10/14 at		
1,000	Orchard Cove, Series 2007,	101.00	N/R	1,014,770
	5.250%, 10/01/26			
	Massachusetts Health and Educational Facilities Authority, Revenue	7/19 at		
1,900	Refunding Bonds, Suffolk	100.00	BBB	2,055,382
	University Issue, Series 2009A, 5.750%, 7/01/39			
	Massachusetts Water Resources Authority, General Revenue Bonds,	2/17 at		
3,465	Series 2007A, 4.500%, 8/01/46 –	100.00	AA+	3,549,338
	AGM Insured (UB) (5)			
9,170	Total Massachusetts			9,433,971
	Michigan – 3.7% (2.4% of Total Investments)			
	Detroit Water and Sewerage Department, Michigan, Sewage Disposal	7/22 at		
355	System Revenue Bonds,	100.00	BB+	348,930
	Refunding Senior Lien Series 2012A, 5.250%, 7/01/39			
625			AA	651,669

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

	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.000%, 11/01/30	11/20 at 100.00		
6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 – NCFG Insured	7/15 at 100.00	AA–	5,911,740
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	AA–	5,084,532
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	B1	1,964,540
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	1,630,920
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	A–	3,474,863
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)	1,037,940
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)	403,591
1,635	5.000%, 12/01/31 (UB)	12/16 at 100.00	Aa2	1,688,121
22,100	Total Michigan Minnesota – 1.5% (1.0% of Total Investments)			22,196,846
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–	1,052,130
2,310	Hermantown Independent School District 700, Minnesota, General Obligation Bonds, School Building Series 2014A, 4.000%, 2/01/29	2/24 at 100.00	Aa2	2,478,977
2,175	Mankato Independent School District 77, Minnesota, General Obligation Bonds, School Building Series 2014A, 4.000%, 2/01/15	No Opt. Call	AA+	2,217,217
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	2,883,683
255	University of Minnesota, General Obligation Bonds, Series 2014B, 4.000%, 1/01/32 (WI/DD, Settling 8/06/14)	1/24 at 100.00	Aa1	269,237
8,615	Total Minnesota			8,901,244
1,000	Mississippi – 1.9% (1.2% of Total Investments) Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	10/14 at 100.00	BBB	1,000,610
2,975	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial	9/14 at 100.00	A	2,985,829



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

	Healthcare, Series 2004B-1, 5.000%, 9/01/24			
5,215	Mississippi, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA+	6,196,619
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company	9/18 at 100.00	BBB	1,123,510
10,190	Project, Series 2008A, 6.500%, 9/01/32 Total Mississippi			11,306,568
	Missouri – 2.9% (1.9% of Total Investments)			
1,380	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales	10/22 at 100.00	AA+	1,513,032
1,600	Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/44 Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue	6/22 at 100.00	AA–	1,534,816
2,000	Bonds, Saint Francis Medical Center, Series 2013A, 3.375%, 6/01/28 Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue	6/17 at 100.00	BBB+	2,018,780
1,000	Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/36 Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri,	10/19 at 100.00	A–	1,079,900
1,000	Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36 Liberty Public School District 53, Clay County, Missouri, Lease Participation Certificates,	4/22 at 100.00	AA–	1,098,290
	School Boards Association, Series 2014, 5.000%, 4/01/31 Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Kansas City University of Medicine and Biosciences, Series 2013A:			
1,590	5.000%, 6/01/30	6/23 at 100.00	A1	1,732,575
2,700	5.000%, 6/01/33	6/23 at 100.00	A1	2,904,309
665	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds,	5/23 at 100.00	BBB+	715,394
505	Saint Louis College of Pharmacy, Series 2013, 5.250%, 5/01/33 Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds,	10/23 at 100.00	A	552,945
	University of Central Missouri, Series 2013C2, 5.000%, 10/01/34 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	1,221,005
1,110	5.000%, 1/01/23	1/21 at 100.00	A2	1,238,338
1,250	5.000%, 1/01/25	1/21 at 100.00	A2	1,378,413
430	St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Friendship Village of Sunset Hills, Series 2013A, 5.875%, 9/01/43	9/23 at 100.00	A–	461,072

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

16,310	Total Missouri			17,448,869
	Nebraska – 0.7% (0.4% of Total Investments)			
	Fremont, Nebraska, Combined Utilities System Revenue Bonds,	7/21 at		
2,000	Series 2014B, 5.000%, 7/15/34	100.00	AA–	2,224,680
	Lincoln County Hospital Authority 1, Nebraska, Hospital Revenue	No Opt.		
500	and Refunding Bonds, Great	Call	A–	526,665
	Plains Regional Medical Center Project, Series 2012, 5.000%,			
	11/01/42			
	Papillion-LaVista School District 27, Sarpy County, Nebraska,	6/24 at		
1,000	General Obligation Bonds, Series	100.00	Aa2	1,212,990
	2014, 5.000%, 12/01/25			
3,500	Total Nebraska			3,964,335
	Nevada – 1.1% (0.7% of Total Investments)			
	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien	1/20 at		
4,000	Series 2010B, 5.750%, 7/01/42	100.00	A+	4,640,800
	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue	6/19 at		
1,700	Bonds, Series 2009A,	100.00	BBB–	1,954,966
	8.000%, 6/15/30			
5,700	Total Nevada			6,595,766
	New Jersey – 1.7% (1.1% of Total Investments)			
	Gloucester County Pollution Control Financing Authority, New	No Opt.		
615	Jersey, Pollution Control Revenue	Call	BBB–	675,288
	Bonds, Logan Project, Refunding Series 2014A, 5.000%, 12/01/24			
	(Alternative Minimum Tax)			
	New Jersey Economic Development Authority, Student Housing			
	Revenue Bonds, Provident			
	Group-Montclair Properties LLC, Montclair State University Student			
	Housing Project, Series 2010A:			
		6/20 at		
835	5.750%, 6/01/31	100.00	Baa3	911,895
		6/20 at		
3,000	5.875%, 6/01/42	100.00	Baa3	3,277,650
	New Jersey Educational Facilities Authority, Revenue Bonds, Seton	7/23 at		
1,120	Hall University, Series	100.00	A	1,227,464
	2013D, 5.000%, 7/01/33			
	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C,	No Opt.		
575	6.500%, 1/01/16 – NPFG Insured	Call	AA–	623,984
	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C:			
		No Opt.		
305	6.500%, 1/01/16 – NPFG Insured (ETM)	Call	AA– (4)	331,779
		No Opt.		
300	6.500%, 1/01/16 – NPFG Insured (ETM)	Call	AA– (4)	326,340
		No Opt.		
815	6.500%, 1/01/16 – NPFG Insured (ETM)	Call	AA– (4)	846,320
	Tobacco Settlement Financing Corporation, New Jersey, Tobacco	6/17 at		
2,710	Settlement Asset-Backed Bonds,	100.00	B2	2,030,576
	Series 2007-1A, 4.750%, 6/01/34			
10,275	Total New Jersey			10,251,296
	New Mexico – 0.3% (0.2% of Total Investments)			
	New Mexico Hospital Equipment Loan Council, First Mortgage	7/20 at		
1,500	Revenue Bonds, La Vida LLena	100.00	BBB–	1,594,500

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

Project, Series 2010A, 6.125%, 7/01/40				
New York – 4.8% (3.2% of Total Investments)				
	Albany Industrial Development Agency, New York, Revenue Bonds,	4/17 at		
855	Brighter Choice Charter	100.00	BB+	828,606
Schools, Series 2007A, 5.000%, 4/01/32				
Brooklyn Arena Local Development Corporation, New York,				
Payment in Lieu of Taxes Revenue				
Bonds, Barclays Center Project, Series 2009:				
		1/20 at		
1,945	6.000%, 7/15/30	100.00	BBB-	2,162,607
		1/20 at		
3,065	6.250%, 7/15/40	100.00	BBB-	3,415,667
Hudson Yards Infrastructure Corporation, New York, Revenue				
4,070	Bonds, Series 2006A, 4.500%,	2/17 at		
	2/15/47 – NPFPG Insured	100.00	AA-	4,136,260
Metropolitan Transportation Authority, New York, Dedicated Tax				
1,070	Fund Bonds, Series 2009B,	11/19 at		
	5.000%, 11/15/34	100.00	AA	1,190,546
Metropolitan Transportation Authority, New York, Transportation				
2,500	Revenue Bonds, Series 2013A,	5/23 at		
	5.000%, 11/15/38	100.00	AA-	2,719,325
New York City Municipal Water Finance Authority, New York,				
1,250	Water and Sewer System Revenue	12/20 at		
	Bonds, Second Generation Resolution, Fiscal 2011 Series EE,	100.00	AA+	1,463,600
	5.375%, 6/15/43			
New York City Municipal Water Finance Authority, New York,				
3,750	Water and Sewer System Second	6/24 at		
	General Resolution Revenue Bonds, Fiscal 2015 Series AA, 4.000%,	100.00	AA+	3,737,175
	6/15/44			
New York Liberty Development Corporation, Liberty Revenue				
1,870	Bonds, 4 World Trade Center Project,	11/21 at		
	Series 2011, 5.000%, 11/15/44	100.00	A+	2,010,979
Port Authority of New York and New Jersey, Special Project Bonds,				
795	JFK International Air	12/20 at		
	Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	100.00	BBB	914,528
Port Authority of New York and New Jersey, Special Project Bonds,				
6,250	JFK International Air	No Opt.		
	Terminal LLC, Sixth Series 1997, 6.250%, 12/01/15 – NPFPG Insured	Call	AA-	6,508,063
	(Alternative Minimum Tax)			
27,420	Total New York			29,087,356
North Carolina – 0.1% (0.1% of Total Investments)				
	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health	1/17 at		
750	Care System Revenue Bonds,	100.00	AA-	780,818
	Carolinas Health Care, Series 2007A, 5.000%, 1/15/31			
North Dakota – 0.8% (0.5% of Total Investments)				
	Burleigh County, North Dakota, Health Care Revenue Bonds, Saint	7/21 at		
1,000	Alexius Medical Center	100.00	BBB+	1,051,850
	Project, Series 2014A, 5.000%, 7/01/35			
Fargo, North Dakota, Health System Revenue Bonds, Sanford Health,				
2,190	Refunding Series 2011,	11/21 at		
	6.250%, 11/01/31	100.00	A+	2,580,236

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

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-	1,182,690
4,315	Total North Dakota Ohio – 4.3% (2.8% of Total Investments)			4,814,776
9,850	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.125%, 6/01/24 Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:	6/17 at 100.00	B-	8,254,103
2,000	5.250%, 11/01/29	11/20 at 100.00	A-	2,193,660
3,000	5.750%, 11/01/40	11/20 at 100.00	A-	3,315,510
3,040	Franklin County, Ohio, Healthcare Facilities Revenue Bonds, Ohio Presbyterian Retirement Services, Improvement Series 2010A, 5.625%, 7/01/26 Lorain County Port Authority, Ohio, Recovery Zone Facility	7/21 at 100.00	BBB-	3,275,509
700	Economic Development Revenue Bonds, United State Steel Corporation Project, Series 2010, 6.750%, 12/01/40	12/20 at 100.00	BB-	758,828
4,615	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	11/21 at 100.00	AA	5,311,265
800	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E, 5.625%, 10/01/19	No Opt. Call	BBB-	901,608
2,000	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.250%, 2/15/33	2/23 at 100.00	A+	2,239,940
26,005	Total Ohio Oklahoma – 1.4% (0.9% of Total Investments)			26,250,423
2,000	Tulsa Airports Improvement Trust, Oklahoma, General Airport Revenue Bonds, Series 2013A, 5.375%, 6/01/33 – BAM Insured (Alternative Minimum Tax)	6/23 at 100.00	AA	2,209,100
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+	6,007,994
88	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Tender Option Bond Trust 3500, 8.513%, 6/15/30 (IF)	12/16 at 100.00	AA+	99,198
7,703	Total Oklahoma Oregon – 0.4% (0.3% of Total Investments)			8,316,292
1,270	Forest Grove, Oregon, Campus Improvement Revenue Bonds, Pacific University Project, Refunding Series 2014A, 5.000%, 5/01/40	5/22 at 100.00	BBB	1,364,793
1,000	Portland, Oregon, River District Urban Renewal and Redevelopment Bonds, Series 2012C, 5.000%, 6/15/28	6/22 at 100.00	A1	1,104,930
2,270	Total Oregon Pennsylvania – 4.3% (2.8% of Total Investments)			2,469,723
1,000			BBB	1,005,820

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

	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		
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+	1,087,320
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	Baa3	630,756
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured	12/16 at 100.00	AA	5,566,805
5,490	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Subordinate Special Revenue, Series 2013A, 5.000%, 12/01/38	12/22 at 100.00	AA	5,958,572
1,595	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	AA (4)	1,896,918
5,445	Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011: 6.000%, 8/01/36	8/20 at 100.00	A+	6,168,096
1,425	6.500%, 8/01/41 Union County Hospital Authority, Pennsylvania, Hospital Revenue	8/20 at 100.00	A+	1,644,977
1,670	Bonds, Evangelical Community Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	BBB+	1,834,695
23,715	Total Pennsylvania			25,793,959
	Rhode Island – 2.5% (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	9/14 at 100.00	BBB-	14,999,250
4,120	South Carolina – 1.7% (1.1% of Total Investments) Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 2/15/23 (Pre-refunded 8/15/14) – NPMF Insured	8/14 at 100.00	AA- (4)	4,128,158
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	AA-	6,243,700
9,120	Total South Carolina			10,371,858
	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	A+	1,785,280
3,790	Tennessee – 1.0% (0.7% of Total Investments) Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	A+	4,125,605

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

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	1,166,540
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+	709,186
9,545	Total Tennessee Texas – 19.0% (12.4% of Total Investments)			6,001,331
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	5,550,813
1,000	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.000%, 1/01/41	1/21 at 100.00	Baa2	1,117,260
4,000	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Improvement Series 2013C, 5.000%, 11/01/38 (Alternative Minimum Tax)	11/22 at 100.00	A+	4,191,080
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+	2,784,886
2,420	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	2,444,079
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	12/14 at 100.00	N/R	6,020,760
2,335	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.125%, 10/01/43	10/23 at 100.00	BBB+	2,478,626
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	15,187,048
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)	10,333,725
3,790	Houston, Texas, Subordinate Lien Airport System Revenue Refunding Bonds, Series 2012A, 5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	A+	4,051,510
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	8,390,992
750	Mission Economic Development Corporation, Texas, Solid Waste Disposal Revenue Bonds, Allied Waste North America, Inc., Series 2008A, 0.300%, 1/01/20 (Mandatory put 10/01/14)	No Opt. Call	BBB+	750,000
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	1,235,355
2,500	North Texas Tollway Authority, Second Tier System Revenue Refunding Bonds, Series 2008F,	1/18 at 100.00	A3	2,780,500

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

	5.750%, 1/01/38			
1,960	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 0.000%, 9/01/43	9/31 at 100.00	AA+	1,609,728
1,100	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A2	1,274,691
1,570	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.000%, 2/01/34 (WI/DD, Settling 8/05/14)	2/24 at 100.00	Baa2	1,597,334
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 18.132%, 2/15/30 (IF) (5)	2/17 at 100.00	AA	290,690
2,945	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	Aa3	3,178,215
5,200	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA	5,411,588
1,935	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-	2,350,174
2,500	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012: 5.000%, 12/15/27	No Opt. Call	A3	2,722,650
4,810	5.000%, 12/15/28	No Opt. Call	A3	5,202,496
1,620	Texas Private Activity Bond Surface Transportation Corporation, Revenue Bonds, NTE Mobility Partners LLC North Tarrant Express Managed Lanes Project, Senior Lien Series 2009, 6.875%, 12/31/39	12/19 at 100.00	Baa2	1,906,108
2,000	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010: 7.000%, 6/30/34	6/20 at 100.00	Baa3	2,398,880
500	7.000%, 6/30/40	6/20 at 100.00	Baa3	595,275
2,000	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners Segments 3 Segments 3A & 3B Facility, Series 2013, 7.000%, 12/31/38 (Alternative Minimum Tax)	9/23 at 100.00	BBB-	2,441,180
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	1,024,640

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

3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.725%, 4/01/28 (IF)	4/17 at 100.00	AAA	5,401,649
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	A–	1,108,853
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)	10/14 at 100.00	Aaa	9,101,120
143,850	Total Texas			114,931,905
	Utah – 0.5% (0.3% of Total Investments)			
300	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	1/15 at 100.00	AA	302,886
225	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C: 5.500%, 1/01/18 (Alternative Minimum Tax)	1/15 at 100.00	AA–	225,545
110	Utah State Charter School Finance Authority, Charter School Revenue Bonds, North Davis Preparatory Academy, Series 2010, 6.375%, 7/15/40	1/15 at 100.00	Aaa	110,209
810	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–	866,522
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	BB–	1,523,091
3,000	Total Utah			3,028,253
	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	265,620
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	2,732,811
2,730	Total Virgin Islands			2,998,431
	Virginia – 1.4% (0.9% of Total Investments)			
3,045	Route 460 Funding Corporation, Virginia, Toll Road Revenue Bonds, Series 2012B, 0.000%, 7/01/38	No Opt. Call	BBB–	855,371
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	B–	667,070
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–	1,809,990
4,640	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opc LLC Project, Series 2012, 6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB–	5,190,768
10,450	Total Virginia			8,523,199
	Washington – 2.4% (1.6% of Total Investments)			



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

Grant County Public Utility District 2, Washington, Revenue Bonds,  
Wanapum Hydroelectric  
Development, Series 2005A:

220	5.000%, 1/01/34 (Pre-refunded 1/01/15) – FGIC Insured	1/15 at 100.00	AA– (4)	224,466
5,780	5.000%, 1/01/34 (Pre-refunded 1/01/15) – FGIC Insured	1/15 at 100.00	AA (4)	5,865,949
2,185	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children’s Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	AA	2,365,110
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	2,182,440
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	2,059,960
1,595	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	1,658,353
13,780	Total Washington West Virginia – 1.3% (0.9% of Total Investments)			14,356,278
1,950	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, Charleston Area Medical Center, Series 2009A, 5.625%, 9/01/32	9/19 at 100.00	A3	2,086,052
5,160	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, West Virginia United Health System Obligated Group, Refunding and Improvement Series 2013A, 5.500%, 6/01/44	6/23 at 100.00	A	5,763,462
7,110	Total West Virginia Wisconsin – 4.5% (2.9% of Total Investments)			7,849,514
815	Monroe Redevelopment Authority, Wisconsin, Development Revenue Bonds, The Monroe Clinic, Inc., Series 2009, 5.875%, 2/15/39	2/19 at 100.00	A3	880,995
4,200	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Agnesian HealthCare, Inc., Series 2013B, 5.000%, 7/01/36	7/23 at 100.00	A–	4,483,034
1,400	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Beloit Health System, Inc., Series 2010B, 5.000%, 4/01/30	4/20 at 100.00	A–	1,473,900
2,105	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012, 5.000%, 6/01/32	6/22 at 100.00	A2	2,259,880
1,415	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A:	7/24 at 100.00	BBB+	1,570,211
1,310	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial	7/24 at 100.00	BBB+	1,436,571
3,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial	7/24 at 100.00	BBB+	3,195,420

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

Hospital, Inc., Series 2014B, 5.000%, 7/01/44 (WI/DD, Settling 8/15/14)

Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006A:

5,000	5.250%, 8/15/21	8/16 at 100.00	A-	5,348,600
1,000	5.250%, 8/15/34	8/16 at 100.00	A-	1,021,670
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 (Pre-refunded 5/01/16) – NPMFG Insured (UB) (5)	5/16 at 100.00	AA (4)	5,389,750
25,245	Total Wisconsin			27,060,031
\$ 952,998	Total Municipal Bonds (cost \$844,043,971)			910,146,554

Shares	Description (1)			Value
	COMMON STOCKS – 0.7% (0.5% of Total Investments)			
	Airlines – 0.7% (0.5% of Total Investments)			
112,308	American Airlines Group Inc., (6)			\$ 4,363,166
	Total Common Stocks (cost \$3,489,626)			4,363,166

Principal Amount	Description (1)	Coupon	Maturity	Ratings (3)	Value
(000)	CORPORATE BONDS – 0.0% (0.0% of Total Investments)				
	Transportation – 0.0% (0.0% of Total Investments)				
\$ 49	Las Vegas Monorail Company, Senior Interest Bonds (7), (8)	5.500%	7/15/19	N/R	\$ 8,909
14	Las Vegas Monorail Company, Senior Interest Bonds (7), (8)	3.000%	7/15/55	N/R	1,810
\$ 63	Total Corporate Bonds (cost \$4,401)				10,719
	Total Long-Term Investments (cost \$847,537,998)				914,520,439

Principal Amount	Description (1)	Optional Call Provisions	(2) Ratings (3)	Value
(000)	SHORT-TERM INVESTMENTS – 1.7% (1.1% of Total Investments)			
	MUNICIPAL BONDS – 1.7% (1.1% of Total Investments)			
	California – 0.8% (0.5% of Total Investments)			
\$ 3,000	California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Republic Services Inc., Variable Rate Demand Obligations, Series 2010A, 0.500%, 8/01/23 (Mandatory put 8/01/14) (Alternative Minimum Tax) (9)	No Opt. Call	A-2	\$ 3,000,000
1,800			N/R	1,800,000

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

	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014A, 1.000%, 7/10/15	No Opt. Call		
175	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014B, 1.000%, 7/10/15	No Opt. Call	N/R	175,000
4,975	Total California			4,975,000
	New Mexico – 0.2% (0.1% of Total Investments)			
1,200	Albuquerque Metropolitan Arroyo Flood Control Authority, New Mexico, General Obligation Bonds, Variable Rate Demand Obligations, Series 2012, 2.000%, 8/01/14 (9)	No Opt. Call	Aaa	1,200,000
	Pennsylvania – 0.7% (0.5% of Total Investments)			
1,250	Pennsylvania Economic Development Financing Authority, Solid Waste Disposal Revenue Bonds, Republic Services Inc. Project, Variable Rate Demand Obligations, Refunding Series 2010A, 0.400%, 4/01/19 (Mandatory put 10/01/14) (Alternative Minimum Tax) (9)	No Opt. Call	A-2	1,250,000
3,000	Pennsylvania Economic Development Financing Authority, Solid Waste Disposal Revenue Bonds, Republic Services Inc. Project, Variable Rate Demand Obligations, Series 2014, 0.400%, 6/01/14 (Alternative Minimum Tax) (9)	10/14 at 100.00	A-2	3,000,000
4,250	Total Pennsylvania			4,250,000
\$ 10,425	Total Short-Term Investments (cost \$10,425,000)			10,425,000
	Total Investments (cost \$857,962,998) – 153.2%			924,945,439
	Floating Rate Obligations – (10.7)%			(64,384,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (43.4)% (10)			(262,200,000)
	Other Assets Less Liabilities – 0.9%			5,472,957
	Net Assets Applicable to Common Shares – 100%			\$ 603,834,396

## Fair Value Measurements

Fair value is defined as the price that would be received 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	\$ —	\$910,146,554	\$ —	\$910,146,554
Common Stocks	4,363,166	—	—	4,363,166
Corporate Bonds	—	—	10,719	10,719
Short-Term Investments:				
Municipal Bonds	—	10,425,000	—	10,425,000
Total	\$4,363,166	\$920,571,554	\$10,719	\$924,945,439

## 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.

As of July 31, 2014, the cost of investments was \$794,666,106.

Gross unrealized appreciation and gross unrealized depreciation of investments as of July 31, 2014, were as follows:

Gross unrealized:	
Appreciation	\$71,341,718
Depreciation	(5,408,833)
Net unrealized appreciation (depreciation) of investments	\$65,932,885

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.  
Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption.
- (2) 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 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.  
Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities,
- (4) which ensure the timely payment of principal and interest. Certain 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.  
On November 28, 2011, AMR Corp. ("AMR"), the parent company of American Airlines Group, Inc. ("AAL")
- (6) filed for federal bankruptcy protection. On December 9, 2013, AMR emerged from federal bankruptcy with the acceptance of its reorganization plan by the bankruptcy court. Under the settlement agreement established to meet AMR's unsecured bond obligations, the bondholders, including the Fund, received a distribution of AAL preferred stock which was converted to AAL common stock over a 120-day period. Every 30 days, a quarter of the preferred stock was converted to AAL common stock based on the 5-day volume-weighted average price and the amount of preferred shares tendered during the optional preferred conversion period.
- (7) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Nuveen funds' Board of Directors/Trustees. For fair value measurement disclosure purposes, investment classified as Level 3.
- (8) During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund's custodian is not accruing income on the Fund's records for either senior interest corporate bond.
- (9) Investment has a maturity of more than one year, but has variable rate and demand features which qualify it as a short-term investment. The rate disclosed is that in effect at the end of the reporting period. This rate

changes periodically based on market conditions or a specified market index.

- (10) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 28.3%.
  - 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 29, 2014

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, 2014

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

Date: September 29, 2014