

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-Q
September 27, 2013

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: 7/31/13

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, 2013

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Municipal Bonds – 156.5% (100.0% of Total Investments)			
	Alabama – 4.1% (2.6% 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)	10/13 at 100.00	Aaa	\$ 11,941,747
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+	4,970,650
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	947,260
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	1,015,330
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	1,496,955
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	2,442,459
22,720	Total Alabama			22,814,401
1,665	Alaska – 0.9% (0.6% of Total Investments)		AA+	1,726,122

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

	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 – FGIC Insured (UB)	12/14 at 100.00		
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)	3,117,013
4,730	Total Alaska			4,843,135
	Arizona – 3.9% (2.5% 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	Baa2	1,228,669
10,350	Arizona Sports and Tourism Authority, Senior Revenue Refunding Bonds, Multipurpose Stadium Facility Project, Series 2012A, 5.000%, 7/01/30 Oro Valley, Arizona, Water Project Revenue Obligations, Refunding Senior Lien Series 2012, Phoenix Mesa Gateway Airport Authority, Arizona, Special Facility Revenue Bonds, Mesa Project, Series 2012:	7/22 at 100.00	A1	10,573,664
1,665	5.000%, 7/01/27 (Alternative Minimum Tax)	No Opt. Call	AA	1,830,501
400	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	405,732
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	923,913
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	3,807,684
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–	2,876,340
21,375	Total Arizona			21,646,503
	California – 22.1% (14.1% 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	1,594,635
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	7,544,400
5,000		4/16 at 100.00	A+	5,001,500

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

	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37			
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-	710,518
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-	2,847,278
1,375	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,431,581
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	A2	1,988,700
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	1,421,739
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	1,642,380
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	4,606,695
19,095	California State, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 – CIFG Insured	6/15 at 100.00	A1	19,255,004
1,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	A1	1,058,730
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+	1,064,680
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	1,058,306
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-	990,630
1,685	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender	No Opt. Call	AA-	1,987,272

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

	Option Bond Trust 3175, 13.529%, 5/15/14 (IF)			
3,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Election 2012, Series 2013B, 5.000%, 8/01/38 (WI/DD, Settling 8/08/13)	8/23 at 100.00	AA	2,991,510
4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14 (ETM)	No Opt. Call	Aaa	4,774,312
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	1,114,460
2,000	Glendale Redevelopment Agency, California, Central Glendale Redevelopment Project, Tax Allocation Bonds, Series 2010, 5.500%, 12/01/24	12/16 at 100.00	A	2,039,560
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	B	2,342,700
610	5.125%, 6/01/47	6/17 at 100.00	B	435,595
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	1,645,370
360	Jurupa Public Financing Authority, California, Superior Lien Revenue Bonds, Series 2010A, 5.000%, 9/01/33	9/20 at 100.00	AA-	360,835
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+	547,166
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	Aa2	2,026,040
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-	866,810
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 (WI/DD, Settling 8/01/13)	2/28 at 100.00	AA	642,071
2,700	M-S-R Energy Authority, California, Gas Revenue Bonds, Series 2009C, 7.000%, 11/01/34	No Opt. Call	A	3,280,392
3,000			Baa3	3,194,880

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

	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00		
1,250	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Baa3	1,302,888
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA-	2,683,850
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-	2,103,860
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+	11,267,474
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-	735,720
4,430	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A: 0.000%, 1/15/32 – NPMFG Insured	No Opt. Call	A	1,402,538
31,300	0.000%, 1/15/34 – NPMFG Insured	No Opt. Call	A	8,679,177
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 3030, 17.687%, 9/01/38 – NPMFG Insured (IF)	9/17 at 100.00	AA+	4,450,880
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-	712,625
4,005	Wiseburn School District, Los Angeles County, California, General Obligation Bonds, Series 2011B: 0.000%, 8/01/36 – AGM Insured	8/31 at 100.00	AA-	2,033,058
3,900	5.625%, 5/01/41 – AGM Insured	8/21 at 100.00	AA-	4,127,604
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	3,076,050

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

150,830	Total California			123,041,473
	Colorado – 9.4% (6.0% of Total Investments)			
	Adams County School District 1, Mapleton Public Schools, Colorado, General Obligation Bonds,	12/20 at 100.00	Aa2	1,405,600
1,250	Series 2010, 6.250%, 12/01/35			
	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax	7/18 at 100.00	N/R	692,377
700	Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23			
	Broomfield, Colorado, Water Activity Enterprise, Water Revenue Bonds, Series 2012, 5.000%, 12/01/20	No Opt. Call	A1	5,508,510
4,735	Colorado City Metropolitan District, Pueblo County, Colorado, Water and Wastewater Enterprise Revenue Bonds, Refunding & Improvement Series 2012, 4.500%, 12/01/34	No Opt. Call	A–	1,085,310
1,240	Colorado Health Facilities Authority, Revenue Bonds, Craig Hospital Project, Series 2012, 4.000%, 12/01/42 (UB) (5)	12/22 at 100.00	A–	1,634,260
2,000	Colorado Springs, Colorado, Utility System Revenue Bonds, Improvement Series 2008C, 5.500%, 11/15/48	11/18 at 100.00	AA	1,014,609
945	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	26,214
25	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)	1,390,025
1,175	Colorado Water Resources and Power Development Authority, Water Resources Revenue Bonds,	9/22 at 100.00	AA–	1,232,954
1,210	City of Fountain, Electric, Water & Wastewater Utility Enterprise Project, Series 2013A, 5.000%, 9/01/38 – AGM Insured			
	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–	1,129,546
1,070	5.000%, 12/01/30 – AGM Insured	12/22 at 100.00	AA–	1,772,148
1,685	5.000%, 12/01/31 – AGM Insured	12/22 at 100.00	AA–	1,039,250
1,000			BBB	1,009,870
1,000				

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

	Concord Metropolitan District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2010, 5.375%, 12/01/40	12/20 at 100.00		
535	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. Call	A+	545,861
3,150	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 4.000%, 11/15/43	11/22 at 100.00	A+	2,643,732
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)	2,986,952
10,185	5.000%, 12/01/33 (Pre-refunded 12/01/13) – SYNCORA GTY Insured	12/13 at 100.00	N/R (4)	10,347,654
4,000	Eagle River Water and Sanitation District, Eagle County, Colorado, Enterprise Wastewater Revenue Bonds, Series 2012, 5.000%, 12/01/42	No Opt. Call	A+	4,092,600
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	Aa2 (4)	804,815
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	980,620
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–	3,218,965
2,605	Parker Water and Sanitation District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2012, 4.500%, 8/01/37	No Opt. Call	AA–	2,534,144
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	1,330,917
2,365	6.000%, 1/15/41	7/20 at 100.00	Baa3	2,538,260
1,965	SBC Metropolitan District, Colorado, General Obligation Bonds, Series 2012, 4.000%, 12/01/37	No Opt. Call	BBB+	1,574,437
51,795	Total Colorado Florida – 8.4% (5.3% of Total Investments)			52,539,630

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

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-	1,240,000
1,005	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2013A: 5.000%, 9/01/43	9/23 at 100.00	BBB-	837,869
865	5.000%, 9/01/45	9/23 at 100.00	BBB-	712,898
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-	278,623
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-	1,452,650
865	5.000%, 4/01/38 – AGM Insured (Alternative Minimum Tax)	4/23 at 100.00	AA-	835,218
3,000	Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	AA-	3,032,370
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	1,197,438
5,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.250%, 10/01/18 – NPMFG Insured (Alternative Minimum Tax)	10/13 at 100.00	A+	5,039,100
1,795	Jacksonville, Florida, Transportation Revenue Bonds, Refunding Series 2012A, 5.000%, 10/01/24	10/22 at 100.00	AA-	1,997,422
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	1,961,215
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	1,185,912
7,045	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42 (WI/DD, Settling 8/02/13)	10/22 at 100.00	Aa3	7,111,575
1,000	Northern Palm Beach County Improvement District, Florida, Revenue Bonds, Water	8/17 at 100.00	N/R	959,420

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

1,885	Control and Improvement Development Unit 46B, Series 2007A, 5.350%, 8/01/41 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	1,898,629
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	5,430,016
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 –	10/18 at 100.00	AA–	11,383,570
46,215	AMBAC Insured Total Florida Georgia – 3.8% (2.4% of Total Investments)			46,553,925
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 –	No Opt. Call	A1	5,124,020
1,500	FGIC Insured Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 2009B, 5.250%, 11/01/34 –	11/19 at 100.00	AA–	1,553,985
2,500	AGM Insured Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates,	2/20 at 100.00	A	2,521,450
5,295	Northeast Georgia Health Services Inc., Series 2010A, 5.000%, 2/15/30 Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	A1 (4)	6,285,747
6,000	Medical Center Hospital Authority, Georgia, Revenue Anticipation Certificates, Columbus Regional Healthcare System, Inc. Project, Series 2010, 5.000%, 8/01/41	8/20 at 100.00	AA–	5,845,620
19,695	Total Georgia Guam – 0.7% (0.5% of Total Investments)			21,330,822
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	4,094,440
1,000	Hawaii – 1.1% (0.7% of Total Investments) 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–	1,016,320
1,175		7/23 at 100.00	N/R	1,175,541

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

	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific University, Series 2013A, 6.625%, 7/01/33			
2,050	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B, 5.000%, 10/01/13	No Opt. Call	Aa1	2,066,544
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	1,592,751
5,805	Total Hawaii			5,851,156
	Idaho – 0.2% (0.1% of Total Investments)			
410	Idaho Housing and Finance Association, Single Family Mortgage Revenue Bonds, Series 2009BI, 5.650%, 7/01/26	7/19 at 100.00	A1	432,017
595	Idaho Water Resource Board, Water Resource Loan Program Revenue, Ground Water Rights Mitigation Series 2012A, 5.000%, 9/01/32	9/22 at 100.00	Baa1	589,199
1,005	Total Idaho			1,021,216
	Illinois – 19.1% (12.2% 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+	1,146,830
2,120	Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 – NPMFG Insured	No Opt. Call	A	2,196,341
5,550	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 – AGM Insured (Alternative Minimum Tax)	10/13 at 100.00	AA–	5,566,928
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	A	417,834
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	1,285,100
1,455	Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997: 8.500%, 12/01/13 – FGIC Insured	No Opt. Call	N/R	1,492,786
1,685	8.500%, 12/01/15 – FGIC Insured	No Opt. Call	N/R	1,962,418
500	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project, Series 2010A, 7.750%, 5/15/30	5/20 at 100.00	N/R	539,335
500	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project, Temps 75 Series 2010D-1,	10/13 at 100.00	N/R	500,595

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

	7.000%, 5/15/18			
	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	1,013,200
1,000				
	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	4/21 at 100.00	A	5,739,964
5,220				
	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	Baa2	3,143,490
3,000				
	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 5.000%, 5/15/43	5/22 at 100.00	Baa1	4,625,184
5,015				
	Illinois Finance Authority, Revenue Bonds, Little Company of Mary Hospital and Health Centers, Series 2010, 5.375%, 8/15/40	8/15 at 105.00	A+	1,516,590
1,500				
	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)	2,645,378
2,515				
	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,410,430
3,160				
	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	607,745
500				
	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A: 5.500%, 7/01/28	7/23 at 100.00	A-	417,025
415				
	6.000%, 7/01/43	7/23 at 100.00	A-	931,173
905				
	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39	5/19 at 100.00	A	1,857,974
1,665				
	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37	8/17 at 100.00	BBB	5,759,441
5,565				
	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38	8/19 at 100.00	BBB+	2,164,680
2,000				
	7.000%, 8/15/44	8/19 at 100.00	BBB+	2,168,860
2,000				
	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-	514,685
500				
	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, 5/19 at 100.00	5/19 at 100.00	BBB+	3,290,220
3,000				

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

	Series 2009, 6.125%, 5/15/25 Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc.,	5/17 at 100.00	BBB+	1,000,590
1,000	Refunding Series 2007A, 5.250%, 5/01/34 Illinois Health Facilities Authority, Revenue Refunding Bonds, Elmhurst Memorial Healthcare, Series 2002:			
		10/13 at 100.00	Baa2	3,009,570
3,000	5.500%, 1/01/22			
		10/13 at 100.00	Baa2	1,002,570
1,000	5.625%, 1/01/28 Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System,	No Opt. Call	Aa2	1,426,769
1,375	Series 1993C, 7.000%, 4/01/14 Illinois State, General Obligation Bonds, Refunding Series 2012, 5.000%, 8/01/25	8/22 at 100.00	A-	334,815
325	Illinois State, General Obligation Bonds, Series 2012A, 4.000%, 1/01/26	1/22 at 100.00	A-	2,087,010
2,250	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	A-	919,655
910	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bond Trust 4304,	No Opt. Call	AA-	739,802
700	18.067%, 1/01/21 (IF) (5) Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bonds Trust 4306,	No Opt. Call	AA-	660,525
625	18.060%, 1/01/21 (IF) Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington,	No Opt. Call	AAA	11,728,827
9,795	Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/19 – AGM Insured (UB) Mc Henry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General	2/20 at 100.00	A2	1,431,302
1,245	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:			
825	6.000%, 2/01/24 – AGM Insured	2/20 at 100.00	A2	913,597
1,030	6.000%, 2/01/25 – AGM Insured	2/20 at 100.00	A2	1,126,078
	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project	6/22 at 100.00	AAA	2,505,075
2,500				

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

	Refunding Bonds, Series 2012B, 5.000%, 6/15/52 (UB) (5) Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:			
9,500	0.000%, 6/15/24 – NPMFG Insured	6/22 at 101.00	AAA	8,433,055
36,040	0.000%, 6/15/40 – NPMFG Insured	No Opt. Call	AAA	7,302,425
	Quad Cities Regional Economic Development Authority, Illinois, Revenue Bonds, Augustana College, Series 2012:			
445	5.000%, 10/01/25	10/22 at 100.00	Baa1	465,021
400	5.000%, 10/01/26	10/22 at 100.00	Baa1	412,964
	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010:			
780	5.250%, 6/01/21	No Opt. Call	A	883,693
2,000	6.250%, 6/01/24	6/16 at 100.00	A–	2,177,620
	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 – AMBAC Insured Total Illinois			
130,795				106,343,136
	Indiana – 2.7% (1.8% of Total Investments) Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			
1,950	0.000%, 2/01/24	No Opt. Call	AA+	1,294,956
2,705	0.000%, 2/01/25	No Opt. Call	AA+	1,693,438
	Delaware County Hospital Authority, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36			
3,000		8/16 at 100.00	Baa2	3,058,680
	Indiana Finance Authority, Educational Facilities Refunding Revenue Bonds, Butler University			
680		2/22 at 100.00	BBB+	682,339
	Project, Series 2012B, 5.000%, 2/01/29 Indiana Finance Authority, Educational Facilities Revenue Bonds, Drexel Foundation For			
1,050		10/19 at 100.00	BB–	1,097,303
	Educational Excellence, Inc., Series 2009A, 7.000%, 10/01/39 Indiana Finance Authority, Hospital Revenue Bonds, Floyd Memorial Hospital and Health Services			
1,500		3/20 at 100.00	A–	1,505,745
	Project, Refunding Series 2010, 5.125%, 3/01/30 Indiana Finance Authority, Private Activity Bonds, Ohio River Bridges East End Crossing			
5,380		7/23 at 100.00	BBB	4,849,640

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

	Project, Series 2013A, 5.000%, 7/01/44 (Alternative Minimum Tax)			
1,005	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–	1,059,471
17,270	Total Indiana			15,241,572
	Iowa – 0.9% (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+	1,020,880
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–	1,646,593
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	2,071,680
4,630	Total Iowa			4,739,153
	Kansas – 1.6% (1.0% of Total Investments)			
2,000	Johnson and Miami Counties Unified School District 230, Kansas, General Obligation Bonds, Series 2011A: 5.000%, 9/01/26	9/21 at 100.00	Aa3	2,179,180
1,400	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,507,520
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	1,463,868
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	626,106
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	A	1,761,078
2,440	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+	1,577,167
9,675	Total Kansas			9,114,919
1,000	Kentucky – 1.9% (1.2% of Total Investments)	6/20 at 100.00	BBB+	1,046,900

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

	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro			
	Medical Health System, Series 2010A, 6.000%, 6/01/30			
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	5,434,550
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	4,112,480
10,000	Total Kentucky			10,593,930
	Louisiana – 8.3% (5.3% of Total Investments)			
165	DeSoto Parish, Louisiana, Environmental Improvement Revenue Bonds, International Paper Company Project, Series 2004A, 5.000%, 11/01/18 (Alternative Minimum Tax)	11/14 at 100.00	BBB	165,061
1,740	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	Aa1	1,814,994
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	6,896,601
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+	5,181,982
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	3,863,878
635	Louisiana Public Facilities Authority, Revenue Bonds, Tulane University, Series 2013B, 5.000%, 10/01/37	4/23 at 100.00	A	648,138
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	5,527,220
4,580	5.000%, 7/01/31	7/23 at 100.00	A	4,676,821
300	5.000%, 7/01/36	7/23 at 100.00	A	300,219

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

	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:			
1,480	4.750%, 5/01/39 – AGM Insured (UB)	5/16 at 100.00	Aa1	1,480,651
15,820	4.500%, 5/01/41 – FGIC Insured (UB)	5/16 at 100.00	Aa1	15,355,050
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A, Residuals 660,			
170	16.105%,	5/16 at 100.00	Aa1	150,022
	5/01/34 – FGIC Insured (IF)			
46,660	Total Louisiana			46,060,637
	Maine – 0.7% (0.5% of Total Investments)			
	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical			
505	Center Obligated Group Issue, Series 2013, 5.000%, 7/01/43	7/23 at 100.00	Baa1	493,860
	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Maine General Medical			
2,000	Center, Series 2011, 6.750%, 7/01/36	7/21 at 100.00	Baa3	2,232,640
	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Series 2010A,			
1,250	5.000%, 7/01/40	7/20 at 100.00	AA	1,268,188
3,755	Total Maine			3,994,688
	Maryland – 0.2% (0.1% of Total Investments)			
	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A,			
595	5.875%, 7/01/16	1/14 at 100.00	Aa2	596,696
	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health,			
50	Series 2004, 5.375%, 8/15/24	8/14 at 100.00	A2	51,940
	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development			
345	Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)	1/14 at 100.00	Aaa	345,704
990	Total Maryland			994,340
	Massachusetts – 1.6% (1.0% of Total Investments)			
	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A,			
2,805	5.000%,	3/15 at 100.00	BBB	2,707,919
	3/01/35 – ACA Insured			
	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007,			
1,000	5.250%, 10/01/26	10/13 at 102.00	N/R	951,520
	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk			
1,900		7/19 at 100.00	BBB	1,947,690

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

	University Issue, Series 2009A, 5.750%, 7/01/39			
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+	3,464,134
9,170	Total Massachusetts Michigan – 3.8% (2.4% of Total Investments)			9,071,263
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	BBB+	325,418
625	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.000%, 11/01/30	11/20 at 100.00	AA	621,381
6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 – NPPFG Insured	7/15 at 100.00	A	5,449,980
5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured	7/16 at 100.00	A	4,683,798
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	BB–	1,833,220
1,500	Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, W.A. Foote	6/20 at 100.00	AA–	1,560,690
3,220	Memorial Hospital, Refunding Series 2006B-2, 5.000%, 6/01/27 – AGM Insured 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	3,316,278
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)	1,080,750
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)	413,855
1,635	5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	1,650,369
22,100	Total Michigan Minnesota – 1.0% (0.7% of Total Investments)			20,935,739
1,000			BBB–	981,900

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

	Duluth Housing & Redevelopment Authority, Minnesota, Lease Revenue Bonds, Duluth Public	11/20 at 100.00		
	Schools Academy, Series 2010A, 5.875%, 11/01/40			
1,520	Rochester, Minnesota, Health Care Facilities Revenue Bonds, Mayo Clinic, Series 2012, 4.000%, 11/15/41	5/22 at 100.00	AA	1,356,539
2,875	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp	8/16 at 100.00	N/R	2,637,813
	Project, Series 2007-1, 5.000%, 8/01/36			
870	Wayzata, Minnesota, Senior Housing Entrance Deposit Revenue Bonds, Folkestone Senior Living	5/14 at 100.00	N/R	874,185
6,265	Community, Series 2012B, 4.875%, 5/01/19 Total Minnesota			5,850,437
	Mississippi – 2.1% (1.3% of Total Investments)			
1,000	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System	10/13 at 100.00	BBB	996,020
	Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22			
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–	3,100,188
5,215	Mississippi, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA+	6,276,253
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company	9/18 at 100.00	BBB	1,086,150
10,190	Project, Series 2008A, 6.500%, 9/01/32 Total Mississippi			11,458,611
	Missouri – 1.8% (1.2% of Total Investments)			
1,380	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Combined Lien Mass	10/22 at 100.00	AA+	1,421,869
	Transit Sales Tax Appropriation Refunding Bonds, Series 2013A, 5.000%, 10/01/44 (WI/DD, Settling 8/01/13)			
1,745	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue	6/22 at 100.00	AA–	1,489,881
	Bonds, Saint Francis Medical Center, Series 2013A, 3.375%, 6/01/28			
1,450	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue	6/17 at 100.00	BBB+	1,391,754

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

	Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/36			
	Cole County Industrial Development Authority,			
1,000	Missouri, Revenue Bonds, Lutheran Senior Services – Heisinger Project, Series 2004, 5.500%, 2/01/35	2/14 at 100.00	BBB+	994,390
	Hanley Road Corridor Transportation Development District, Brentwood and			
1,000	Maplewood, Missouri, Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36	10/19 at 100.00	A–	1,037,540
	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	1,191,661
1,110	5.000%, 1/01/23	1/21 at 100.00	A2	1,208,823
1,250	5.000%, 1/01/25	1/21 at 100.00	A2	1,335,288
10,015	Total Missouri			10,071,206
	Nebraska – 0.4% (0.2% of Total Investments)			
	Lincoln County Hospital Authority 1, Nebraska, Hospital Revenue and Refunding			
2,110	Bonds, Great Plains Regional Medical Center Project, Series 2012, 5.000%, 11/01/42	No Opt. Call	A–	2,039,062
	Nevada – 1.1% (0.7% of Total Investments)			
	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B,			
4,000	5.750%, 7/01/42	1/20 at 100.00	A+	4,352,920
	Las Vegas Redevelopment Agency, Nevada,			
1,700	Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB–	1,845,911
5,700	Total Nevada			6,198,831
	New Jersey – 1.8% (1.2% 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	883,180
3,000	5.875%, 6/01/42	6/20 at 100.00	Baa3	3,147,480
	New Jersey Educational Facilities Authority, Revenue Bonds, Seton Hall University, Series 2013D, 5.000%, 7/01/33			
1,120	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 – NPF	7/23 at 100.00	A	1,168,910
	Insured			
575	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C:	No Opt. Call	A+	651,504
	Insured			
305	6.500%, 1/01/16 – NPF Insured (ETM)	No Opt. Call	A (4)	348,148
300	6.500%, 1/01/16 – NPF Insured (ETM)	No Opt. Call	A+ (4)	342,441

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

1,455	6.500%, 1/01/16 – NPMF Insured (ETM) Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed	No Opt. Call	A+ (4)	1,546,811
2,710	Bonds, Series 2007-1A, 4.750%, 6/01/34	6/17 at 100.00	B2	1,977,948
10,300	Total New Jersey New Mexico – 0.3% (0.2% of Total Investments)			10,066,422
1,500	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena Project, Series 2010A, 6.125%, 7/01/40 New York – 4.3% (2.8% of Total Investments)	7/20 at 100.00	BBB–	1,532,505
855	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32 Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue	4/17 at 100.00	BB+	771,244
1,945	Bonds, Barclays Center Project, Series 2009: 6.000%, 7/15/30	1/20 at 100.00	BBB–	2,156,188
3,065	6.250%, 7/15/40 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMF Insured	1/20 at 100.00	BBB–	3,385,997
4,070	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34	2/17 at 100.00	A	3,690,880
1,070	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2013C, 5.000%, 11/15/42	11/19 at 100.00	AA	1,089,560
2,275	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	5/23 at 100.00	A	2,288,832
1,250	New York Liberty Development Corporation, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011, 5.000%, 11/15/44	12/20 at 100.00	AA+	1,325,150
1,870	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	11/21 at 100.00	A+	1,861,061
795	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Sixth Series 1997, 6.250%, 12/01/15 – NPMF Insured (Alternative Minimum Tax)	12/20 at 100.00	BBB	881,814
6,250		No Opt. Call	A	6,618,250

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

23,445	Total New York North Carolina – 0.6% (0.4% of Total Investments) Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds,				24,068,976
750	Carolinas Health Care, Series 2007A, 5.000%, 1/15/31	1/17 at 100.00	AA–		758,033
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)		2,519,015
3,210	Total North Carolina North Dakota – 0.6% (0.4% of Total Investments)				3,277,048
2,190	Fargo, North Dakota, Health System Revenue Bonds, Sanford Health, Refunding Series 2011, 6.250%, 11/01/31	11/21 at 100.00	A+		2,473,255
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–		1,113,244
3,315	Total North Dakota Ohio – 3.9% (2.5% of Total Investments) 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–		4,926,896
2,000	Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010: 5.250%, 11/01/29	11/20 at 100.00	BBB+		2,028,120
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+		3,093,780
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		3,166,950
700	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	12/20 at 100.00	BB–		727,342
4,615	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation	11/21 at 100.00	AA		5,072,439
800		No Opt. Call	BBB–		868,784

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

	Project, Series 2009E, 5.625%, 10/01/19			
	Ohio Turnpike Commission, Turnpike Revenue			
	Bonds, Infrastructure Project, Junior Lien			
2,000	Series	2/23 at 100.00	A+	2,081,940
	2013A-1, 5.250%, 2/15/33 (WI/DD, Settling			
	8/15/13)			
22,060	Total Ohio			21,966,251
	Oklahoma – 1.0% (0.7% of Total Investments)			
	Tulsa County Industrial Authority, Oklahoma,			
	Health Care Revenue Bonds, Saint Francis	12/16 at		
5,615	Health	100.00	AA+	5,623,310
	System, Series 2006, 5.000%, 12/15/36 (UB)			
	Tulsa County Industrial Authority, Oklahoma,			
	Health Care Revenue Bonds, Saint Francis	12/16 at		
88	Health	100.00	AA+	88,237
	System, Series 2008, Trust 3500, 8.530%,			
	6/15/30 (IF)			
5,703	Total Oklahoma			5,711,547
	Oregon – 0.2% (0.1% of Total Investments)			
	Portland, Oregon, River District Urban			
	Renewal and Redevelopment Bonds, Series			
	2012C,	6/22 at 100.00	A1	1,054,150
1,000	5.000%, 6/15/28			
	Pennsylvania – 4.5% (2.9% of Total			
	Investments)			
	Bucks County Industrial Development			
	Authority, Pennsylvania, Charter School			
	Revenue Bonds,	3/17 at 100.00	BBB	914,530
1,000	School Lane Charter School, Series 2007A,			
	5.000%, 3/15/37			
	Centre County Hospital Authority,			
	Pennsylvania, Hospital Revenue Bonds, Mount			
	Nittany Medical	No Opt. Call	A–	981,913
1,020	Center Project, Series 2012A, 5.000%,			
	11/15/47			
	Cumberland County Municipal Authority			
	Revenue Bonds, Pennsylvania, Diakon			
	Lutheran Social	1/19 at 100.00	BBB+	1,059,070
1,000	Ministries Project, Series 2009, 6.125%,			
	1/01/29			
	Pennsylvania Higher Educational Facilities			
	Authority, Revenue Bonds, Edinboro			
	University	7/20 at 100.00	Baa3	623,646
600	Foundation Student Housing Project, Series			
	2010, 6.000%, 7/01/43			
	Pennsylvania Public School Building			
	Authority, Lease Revenue Bonds, School	12/16 at		
5,490	District of	100.00	AA–	5,333,425
	Philadelphia, Series 2006B, 4.500%, 6/01/32 –			
	AGM Insured (UB) (5)			
5,455			AA	5,564,755

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

	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Subordinate Special	12/22 at 100.00		
1,595	Revenue, Series 2013A, 5.000%, 12/01/38 Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System	5/20 at 100.00	AA	1,583,245
5,445	Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40 Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011:	8/20 at 100.00	A2	5,876,571
1,425	6.000%, 8/01/36	8/20 at 100.00	A2	1,570,265
1,670	6.500%, 8/01/41 Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community	No Opt. Call	BBB+	1,834,913
24,700	Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19 Total Pennsylvania			25,342,333
4,810	Puerto Rico – 0.9% (0.6% of Total Investments) Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series	8/20 at 100.00	A+	4,815,435
15,000	2010C, 6.000%, 8/01/39 Rhode Island – 2.7% (1.7% of Total Investments) Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds,	10/13 at 100.00	BBB–	15,013,200
4,120	Series 2002A, 6.250%, 6/01/42 South Carolina – 1.9% (1.2% of Total Investments) Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds,	8/14 at 100.00	A (4)	4,332,056
5,000	Series 2004A, 5.250%, 2/15/23 (Pre-refunded 8/15/14) – NPMFG Insured Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.250%,	No Opt. Call	A	6,129,150
9,120	1/01/21 – FGIC Insured Total South Carolina			10,461,206
1,750	South Dakota – 0.3% (0.2% of Total Investments) 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+	1,750,473
5,075	Tennessee – 0.5% (0.3% of Total Investments) Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue	1/17 at 30.07	A	1,022,410

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

1,220	Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41 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+	1,230,663
680	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36 Sumner County Health, Educational, and Housing Facilities Board, Tennessee, Revenue Refunding Bonds, Sumner Regional Health System Inc., Series 2007:	9/16 at 100.00	BBB+	676,818
860	5.500%, 11/01/37 (6)	11/17 at 100.00	N/R	2,141
1,000	5.500%, 11/01/46 (6)	11/17 at 100.00	N/R	2,490
8,835	Total Tennessee Texas – 20.5% (13.1% of Total Investments)			2,934,522
3,000	Alliance Airport Authority, Texas, Special Facilities Revenue Bonds, American Airlines Inc., Series 2007, 5.250%, 12/01/29 (Alternative Minimum Tax) (6)	12/13 at 100.00	N/R	3,337,500
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	5,345,725
525	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Refunding Series 2013A, 5.000%, 1/01/43	1/23 at 100.00	Baa2	498,640
1,000	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.000%, 1/01/41	1/21 at 100.00	Baa2	1,063,200
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+	3,817,640
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+	2,542,748
2,275	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%,	11/14 at 100.00	AA–	2,352,032

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

	11/01/27 – AGM Insured (Alternative Minimum Tax)			
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	12/13 at 100.00	N/R	6,005,280
2,335	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.125%, 10/01/43 (WI/DD, Settling 8/01/13)	10/23 at 100.00	BBB+	2,273,636
7,000	Harris County Health Facilities Development Corporation, Texas, Thermal Utility Revenue Bonds, TECO Project, Series 2003, 5.000%, 11/15/30 (Pre-refunded 11/15/13) – NPPG Insured	11/13 at 100.00	AA (4)	7,096,250
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	12,578,742
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)	9,388,800
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+	3,712,646
33,505	Leander Independent School District, Williamson and Travis Counties, Texas, General Obligation Bonds, Series 2006, 0.000%, 8/15/39	8/14 at 25.08	AAA	6,990,483
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–	1,201,376
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	2,627,900
1,960	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 0.000%, 9/01/43	9/31 at 100.00	AA	1,305,046
1,100	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A2	1,194,600
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds,	2/17 at 100.00	AA–	251,580

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

	Texas Health Resources Project, Trust 1031, 18.192%, 2/15/30 (IF) (5)			
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	AA-	3,027,018
5,000	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2013A, 4.000%, 8/15/43	8/23 at 100.00	AA-	4,037,900
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-	5,208,216
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-	1,713,984
6,810	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/28	No Opt. Call	A3	6,660,861
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	2,296,820
500	7.000%, 6/30/40	6/20 at 100.00	Baa3	569,425
1,620	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners LLC North Tarrant Express Managed Lanes Project, Series 2009, 6.875%, 12/31/39	12/19 at 100.00	Baa2	1,819,827
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	929,960
3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.725%, 4/01/28 (IF)	4/17 at 100.00	Aaa	4,672,742
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-	972,787
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)	10/13 at 100.00	Aaa	8,982,205

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

153,980	Total Texas			114,475,569
	Utah – 1.5% (1.0% of Total Investments)			
	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community	12/13 at 100.00	N/R	3,732,126
3,730	Hospital Project, Series 1998, 5.750%, 12/15/18			
	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)	10/13 at 100.00	Aa3 (4)	1,340,456
1,300	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27	1/14 at 100.00	AA	383,827
380	(Alternative Minimum Tax)			
	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C:			
410	5.500%, 1/01/18 (Alternative Minimum Tax)	1/14 at 100.00	AA–	410,816
150	5.650%, 1/01/21 (Alternative Minimum Tax)	1/14 at 100.00	Aaa	150,203
	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–	818,108
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–	1,570,566
1,555	Total Utah			8,406,102
8,335	Virgin Islands – 0.5% (0.3% of Total Investments)			
	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Subordinate	10/19 at 100.00	Baa3	257,098
250	Lien Series 2009A, 6.000%, 10/01/39			
	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	2,749,923
2,480	Total Virgin Islands			3,007,021
2,730	Virginia – 1.4% (0.9% of Total Investments)			
	Route 460 Funding Corporation, Virginia, Toll Road Revenue Bonds, Series 2012B, 0.000%, 7/01/38	No Opt. Call	BBB–	715,118
3,045	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47	6/17 at 100.00	B2	691,460
1,000	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–	1,519,947
1,765		7/22 at 100.00	BBB–	4,690,762
4,640				

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

10,450	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) Total Virginia			7,617,287
220	Washington – 3.3% (2.1% of Total Investments) Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric	1/15 at 100.00	Aa3 (4)	234,491
5,780	Development, Series 2005A, 5.000%, 1/01/34 (Pre-refunded 1/01/15) – FGIC Insured Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric	1/15 at 100.00	AA	5,796,415
2,185	Development, Series 2005A, 5.000%, 1/01/34 – FGIC Insured Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children’s Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	AA	2,155,131
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	2,089,280
1,130	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	1,093,433
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	2,006,280
1,485	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	1,515,725
3,405	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26	10/13 at 100.00	A3	3,441,944
18,205	Total Washington West Virginia – 0.4% (0.2% of Total Investments)			18,332,699
1,950	West Virginia Hospital Finance Authority , Hospital Revenue Bonds, Charleston Area Medical Center, Series 2009A, 5.625%, 9/01/32 Wisconsin – 3.6% (2.3% of Total Investments)	9/19 at 100.00	A3	2,018,835

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

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	856,345
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-	4,227,594
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-	1,368,178
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	2,093,423
5,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006A: 5.250%, 8/15/21	8/16 at 100.00	A-	5,406,250
1,000	5.250%, 8/15/34	8/16 at 100.00	A-	990,550
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 – FGIC Insured (UB) (5)	5/16 at 100.00	AA	5,390,100
19,520	Total Wisconsin			20,332,440
\$ 967,413	Total Municipal Bonds (cost \$856,998,828)			872,214,745

Principal
Amount

(000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
	Corporate Bonds – 0.0% (0.0% of Total Investments)				
	Transportation – 0.0% (0.0% of Total Investments)				
\$ 47	Las Vegas Monorail Company, Senior Interest Bonds (7), (8)	5.500%	7/15/19	N/R\$	11,716
13	Las Vegas Monorail Company, Senior Interest Bonds (7), (8)	3.000%	7/15/55	N/R	2,706
\$ 60	Total Corporate Bonds (cost \$1,771)				14,422
	Total Investments (cost \$857,000,599) – 156.5%				872,229,167
	Floating Rate Obligations – (11.2)%				(62,513,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (47.0)% (9)				(262,200,000)
	Other Assets Less Liabilities – 1.7%				9,902,877
	Net Assets Applicable to Common Shares – 100%				\$ 557,419,044

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	\$ —	\$872,214,745	\$ —	\$872,214,745
Corporate Bonds	—	—	14,422	14,422
Total	\$ —	\$872,214,745	\$14,422	\$872,229,167

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, 2013, the cost of investments was \$795,340,035.

Gross unrealized appreciation and gross unrealized depreciation of investments as of July 31, 2013, were as follows:

Gross unrealized:	
Appreciation	\$ 37,341,637

Depreciation	(22,917,714)
Net unrealized appreciation (depreciation) of investments	\$ 14,423,923

- (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.
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.
- (6) At or subsequent to the end of the reporting period, this security is non-income producing. Non-income producing, in the case of a fixed-income security, 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) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board of Directors. 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 coupon rate of 5.500% maturing on July 15, 2019 and the second with an 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.
Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is
- (9) 30.1%.
- 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 27, 2013

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 27, 2013

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

Date: September 27, 2013