

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC  
Form N-Q  
March 31, 2016

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT  
COMPANY

Investment Company Act file number 811-07432

Nuveen Premium Income Municipal Fund 4, Inc.  
(Exact name of registrant as specified in charter)

Nuveen Investments  
333 West Wacker Drive, Chicago, Illinois 60606  
(Address of principal executive offices) (Zip code)

Kevin J. McCarthy  
Vice President and Secretary  
333 West Wacker Drive, Chicago, Illinois 60606  
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 10/31

Date of reporting period: 1/31/16

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

Nuveen Premium Income Municipal Fund 4,  
Inc. (NPT)  
January 31, 2016 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 146.9% (100.0% of Total Investments)			
	MUNICIPAL BONDS – 146.9% (100.0% of Total Investments)			
	Alabama – 3.8% (2.6% of Total Investments)			
\$ 2,610	Alabama Private Colleges and University Facilities Authority, Limited Obligation Bonds, University of Mobile Project, Series 2015A, 6.000%, 9/01/45	9/25 at 100.00	N/R	\$ 2,674,806
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)	4/16 at 100.00	Aaa	11,944,958
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+	5,165,100
1,500	Jefferson County, Alabama, Limited Obligation School Warrants, Education Tax Revenue Bonds, Series 2004A, 5.250%, 1/01/23 – AGM Insured	4/16 at 100.00	AA	1,514,700
2,375	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	2,664,940
23,380	Total Alabama			23,964,504
	Alaska – 1.1% (0.8% of Total Investments)			
1,000	Alaska Industrial Development and Export Authority, Power Revenue Bonds, Snettisham Hydroelectric Project, Refunding Series 2015: 5.000%, 1/01/31 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	1,121,620

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

2,950	5.000%, 1/01/33 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	3,281,197
2,400	5.000%, 1/01/34 (Alternative Minimum Tax)	7/25 at 100.00	Baa2	2,659,320
6,350	Total Alaska			7,062,137
	Arizona – 4.3% (2.9% of Total Investments)			
	Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds,	3/22 at 100.00	A3	1,417,572
1,300	Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30			
	Arizona Health Facilities Authority, Revenue Bonds, Scottsdale Lincoln Hospitals Project, Series 2014A, 5.000%, 12/01/39	12/24 at 100.00	A2	3,213,813
2,820	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	11,594,692
10,450	Eastmark Community Facilities District 1, Mesa, Arizona, General Obligation Bonds, Series 2015, 5.000%, 7/15/39	7/25 at 100.00	N/R	1,715,770
1,675	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+	460,784
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	1,067,297
	Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Paradise Education Center Project, Series 2010, 6.100%, 6/01/45	6/19 at 100.00	BB+	337,360
325	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/41	7/21 at 100.00	A	4,124,778
3,710	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	BBB+	3,610,890
3,000	Total Arizona			27,542,956
24,630	California – 18.9% (12.8% of Total Investments)			
	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	AA–	1,769,400
1,500	Anaheim Public Financing Authority, California, Lease Revenue Bonds, Public Improvement	9/17 at 100.00	AA–	8,167,360
8,000				

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

950	Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured Blythe Redevelopment Agency Successor Agency, California, Tax Allocation Bonds, Redevelopment	11/25 at 100.00	N/R	1,027,929
5,000	Project 1, Refunding Series 2015, 5.000%, 5/01/38 California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	5,029,650
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–	823,813
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–	2,991,292
1,685	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 2015-XF0078, 13.657%, 5/15/40 (IF)	5/18 at 100.00	AA–	2,432,011
410	California Municipal Finance Authority, Charter School Lease Revenue Bonds, Santa Rosa Academy Project, Series 2015, 5.375%, 7/01/45	7/25 at 100.00	N/R	430,381
1,380	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,557,275
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	A+	2,299,100
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	A+	1,467,587
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	A+	1,774,710
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	A+	5,381,055
1,000 1,030	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	AA– BBB+	1,163,240 1,144,577

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	1/19 at 100.00	BB	1,145,519
1,000	Public Schools, Series 2010, 6.000%, 7/01/40 California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.000%, 7/01/39 (4)	4/16 at 100.00	CCC	993,140
3,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Election 2012 Series 2013B, 5.000%, 8/01/38 Davis, California, Special Tax Bonds, Community Facilities District 2015-1 Series	8/23 at 100.00	AA	3,474,780
660	2015, 5.000%, 9/01/40	9/25 at 100.00	N/R	709,573
3,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A, 0.000%, 1/15/26	No Opt. Call	BBB-	2,392,260
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	1,194,150
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	2,062,180
1,860	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+	1,865,599
2,000	5.000%, 6/01/33	6/17 at 100.00	B	1,868,220
3,000	5.750%, 6/01/47	6/17 at 100.00	B	2,885,340
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	2,386,886
540	Madera County, California, Certificates of Participation, Children's Hospital Central California, Series 2010, 5.375%, 3/15/36	3/20 at 100.00	AA-	605,923
2,000	Martinez Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2011, 5.875%, 8/01/31	8/24 at 100.00	AA	2,583,480
1,000		8/26 at 100.00	AA	1,218,580

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

	Mendocino-Lake Community College District, Mendocino and Lake Counties, California, General Obligation Bonds, Election 2006, Series 2011B, 0.000%, 8/01/31 – AGM Insured			
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	2/28 at 100.00	AA	932,686
2,710	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009B, 6.500%, 11/01/39	No Opt. Call	A	3,913,186
2,700	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009C, 7.000%, 11/01/34	No Opt. Call	A	3,996,135
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Ba1	3,319,800
1,100	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Ba1	1,195,656
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA–	2,938,475
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–	2,320,180
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+	11,397,087
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–	768,765
2,700	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Junior Lien Series 2014B, 5.250%, 1/15/44	1/25 at 100.00	BB+	2,954,151
5,605		1/25 at 100.00	BBB–	6,183,324

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

	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue			
	Bonds, Refunding Senior Lien Series 2014A, 5.000%, 1/15/44			
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 2015-XF2185. Formerly Tender Option Bond Trust 3030, 18.073%, 9/01/38 – BHAC Insured (IF)	9/17 at 100.00	AA+	5,126,960
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	A+	778,506
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	3,283,339
3,900	5.625%, 5/01/41 – AGM Insured	8/21 at 100.00	AA	4,708,704
	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series			
3,000	2011C, 5.250%, 8/01/47	8/21 at 100.00	Aa2	3,523,440
110,005	Total California			120,185,404
	Colorado – 6.9% (4.7% of Total Investments)			
	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	1,488,875
1,250	Anthem West Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2015, 5.000%, 12/01/35 – BAM Insured	12/25 at 100.00	AA	1,722,195
1,500	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax	7/18 at 100.00	N/R	714,301
700	Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23			
	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2013A, 6.000%, 12/01/38	12/23 at 100.00	BBB	743,544
625	Cherry Creek Corporate Center Metropolitan District (in the City of Glendale), Arapahoe County, Colorado, Senior Lien Revenue Bonds, Refunding Series 2015A, 5.000%, 6/01/37	12/25 at 100.00	N/R	506,580
500	Colorado City Metropolitan District, Oueblo county, Colorado, Water and Wastewater	No Opt. Call	BBB+	1,307,853
1,240				



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

	Enterprise			
	Revenue Bonds, Refunding & Improvement			
	Series 2012, 4.500%, 12/01/34			
	Colorado Educational and Cultural Facilities			
1,000	Authority, Charter School Revenue Bonds, Pinnacle	12/19 at 100.00	BBB	1,075,100
	Charter School, Inc. High School Project, Series 2010, 5.000%, 12/01/29			
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+	2,258,860
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Craig Hospital Project, Series 2012, 4.000%, 12/01/42	No Opt. Call	A	2,059,660
3,655	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013A, 5.000%, 6/01/45	No Opt. Call	A-	4,010,485
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	BBB+	682,730
2,250	Colorado Springs, Colorado, Utilities System Revenue Bonds, Improvement Series 2013B-1, 5.000%, 11/15/38	11/23 at 100.00	AA	2,599,493
20	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	22,118
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 (5)	1,319,325
5	5.000%, 3/01/34 (Pre-refunded 3/01/19)	3/19 at 100.00	N/R (5)	5,629
1,945	Commerce City, Colorado, Sales and Use Tax Revenue Bonds, Refunding Series 2015, 5.000%, 8/01/36 – BAM Insured	8/25 at 100.00	AA	2,280,454
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+	1,077,670
2,200	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 5.000%, 11/15/32	11/22 at 100.00	A+	2,604,074
475	Eaton Area Park and Recreation District, Colorado, General Obligation Limited Tax Bonds, Series 2015: 5.500%, 12/01/30	12/22 at 100.00	N/R	515,446

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

180	5.250%, 12/01/34	12/22 at 100.00	N/R	188,935
500	Erie Highlands Metropolitan District No. 1 (In the Town of Erie), Weld County, Colorado, General Obligation Limited Tax Bonds, Series 2015A, 5.750%, 12/01/45	12/20 at 103.00	N/R	507,400
1,125	Foothills Metropolitan District, Fort Collins, Colorado, Special Revenue Bonds, Series 2014:	12/24 at 100.00	N/R	1,217,498
500	5.750%, 12/01/30	12/24 at 100.00	N/R	539,685
1,000	6.000%, 12/01/38	12/21 at 100.00	A	1,079,100
1,000	Meridian Metropolitan District, Douglas County, Colorado, General Obligation Refunding Bonds, Series 2011A, 5.000%, 12/01/41	12/25 at 100.00	BBB	1,126,560
3,015	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Bonds, Refunding Series 2015A, 5.000%, 12/01/45	12/20 at 100.00	AA (5)	3,715,204
1,245	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Refunding Bonds, Series 2011, 6.125%, 12/01/41 (Pre-refunded 12/01/20) – AGM Insured			
2,365	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:	7/20 at 100.00	A–	1,410,411
2,083	6.000%, 1/15/34	7/20 at 100.00	A–	2,669,896
1,465	6.000%, 1/15/41	10/16 at 100.00	N/R	2,093,228
650	Salida Hospital District, Colorado, Revenue Bonds, Series 2006, 5.250%, 10/01/36	No Opt. Call 12/20 at 103.00	BBB+	1,478,039
39,253	SBC Metropolitan District, Colorado, General Obligation Bonds, Series 2012, 4.000%, 12/01/37		N/R	661,577
1,250	Thompson Crossing Metropolitan District No. 6 in the Town of Johnstown, Larimer County, Colorado, General Obligation Limited Tax Bonds Series 2015A, 6.000%, 12/01/44			43,681,925
	Total Colorado			
	Florida – 7.9% (5.4% of Total Investments)			
	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2010A, 6.000%, 9/01/40	9/20 at 100.00	BBB–	1,337,588
	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter			

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

	Academy, Inc. Project, Series 2013A:			
1,005	5.000%, 9/01/43	9/23 at 100.00	BBB-	1,036,316
865	5.000%, 9/01/45	9/23 at 100.00	BBB-	890,829
2,115	Brevard County Health Facilities Authority, Florida, Health Facilities Revenue Bonds, Health	4/19 at 100.00	A- (5)	2,516,829
1,715	First, Inc. Project, Series 2009B, 7.000%, 4/01/39 (Pre-refunded 4/01/19) Broward County, Florida, Airport Facility Revenue Bonds, Learjet Inc., Series 2000, 7.500%, 11/01/20 (Alternative Minimum Tax)	11/16 at 100.00	B2	1,727,074
1,480	Brwoard County, Florida, Fuel System Revenue Bonds, Fort Lauderdale Fuel Facilities LLC	4/23 at 100.00	AA	1,651,473
2,000	Project, Series 2013A, 5.000%, 4/01/33 – AGM Insured (Alternative Minimum Tax) Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	AA	2,317,800
2,110	Capital Trust Agency, Florida, Multifamily Housing Revenue Bonds, The Gardens Apartments	7/25 at 100.00	A	2,168,996
280	Project, Series 2015A, 5.000%, 7/04/50			
315	Downtown Doral Community Development District, Florida, Special Assessment Bonds, Series 2015:			
475	5.250%, 5/01/35	5/26 at 100.00	N/R	287,577
655	5.300%, 5/01/36	5/26 at 100.00	N/R	323,757
	5.500%, 5/01/45	5/26 at 100.00	N/R	488,077
	5.500%, 5/01/46	5/26 at 100.00	N/R	671,984
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	1,311,002
1,750	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Subordinate Lien Series 2015B, 5.000%, 10/01/40 (Alternative Minimum Tax)	10/24 at 100.00	A+	1,954,505
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	7,959,159
1,000	Northern Palm Beach County Improvement District, Florida, Water Control and Improvement Bonds,	8/17 at 100.00	N/R	1,016,240
1,120	Development Unit 46B, Series 2007A, 5.350%, 8/01/41			
	Northern Palm Beach County Improvement District, Florida, Water Control and	8/26 at 100.00	N/R	1,135,277

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

	Improvement Bonds, Development Unit 53, Series 2015, 5.350%, 8/01/35			
2,185	Orange County Health Facilities Authority, Florida, Hospital Revenue Bonds, Orlando Health, Inc., Series 2012A, 5.000%, 10/01/42	4/22 at 100.00	A	2,345,969
5,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (6)	8/17 at 100.00	AA	5,686,456
1,350	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	A-	1,531,062
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 –	10/18 at 100.00	AA-	12,108,139
46,270	AMBAC Insured Total Florida Georgia – 2.9% (2.0% of Total Investments)			50,466,109
2,725	Atlanta Development Authority, Georgia, Revenue Bonds, New Downtown Atlanta Stadium Project, Senior Lien Series 2015A-1, 5.250%, 7/01/40	7/25 at 100.00	Aa3	3,220,024
1,500	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	AA	1,691,130
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	AA-	5,402,364
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	2,753,150
4,960	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	A1 (5)	5,572,312
16,085	Total Georgia Guam – 0.7% (0.5% of Total Investments)			18,638,980
4,000	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2010, 5.500%, 7/01/30	7/20 at 100.00	A-	4,443,560
1,000	Hawaii – 0.9% (0.6% of Total Investments) Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii	7/20 at 100.00	A+	1,120,160

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

	Pacific Health Obligated Group, Series 2010A, 5.500%, 7/01/40			
3,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2013A, 5.500%, 7/01/43	7/23 at 100.00	A+	3,531,690
1,175	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific University, Series 2013A, 6.625%, 7/01/33	7/23 at 100.00	BB+	1,329,630
5,175	Total Hawaii			5,981,480
	Idaho – 0.1% (0.1% of Total Investments)			
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	666,406
	Illinois – 18.5% (12.6% of Total Investments)			
3,000	Chicago, Illinois, General Obligation Bonds, Refunding Series 2016C, 5.000%, 1/01/38	1/26 at 100.00	BBB+	2,880,240
1,000	Chicago, Illinois, General Obligation Bonds, Series 2015A, 5.500%, 1/01/39	1/25 at 100.00	BBB+	1,010,490
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	1,375,050
2,755	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2015A, 5.000%, 1/01/40	7/25 at 100.00	AA–	3,174,945
800	Illinois Finance Authority, Charter School Revenue Bonds, Intrinsic Charter Schools Belmont School Project, Series 2015A, 5.500%, 12/01/30	12/25 at 100.00	N/R	807,224
825	Illinois Finance Authority, Charter School Revenue Bonds, Uno Charter School Network, Refunding and Improvement Series 2011A: 6.875%, 10/01/31	10/21 at 100.00	BBB–	905,792
1,050	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	10/21 at 100.00	BBB–	1,158,045
1,000	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	11/19 at 100.00	AA+	1,114,680
5,220	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	4/21 at 100.00	A	6,085,684
3,000		1/18 at 100.00	Baa2	3,203,130
5,015		5/22 at 100.00	Baa1	5,367,655

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

	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 5.000%, 5/15/43			
3,160	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,664,842
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	605,640
415	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A: 5.500%, 7/01/28	7/23 at 100.00	A-	489,007
905	6.000%, 7/01/43	7/23 at 100.00	A-	1,084,100
1,665	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39 (Pre-refunded 5/01/19)	5/19 at 100.00	Aaa	1,971,010
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37 (Pre-refunded 8/01/17)	8/17 at 100.00	N/R (5)	5,972,748
1,050	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C, 5.000%, 8/15/44	8/25 at 100.00	Baa1	1,162,025
2,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (5)	2,417,900
2,000	7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (5)	2,426,620
500	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005 Remarketed, 5.250%, 3/01/30 – AGM Insured	3/20 at 100.00	AA	560,350
3,000	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2015A, 5.000%, 10/01/46 (UB) (6)	10/25 at 100.00	AA+	3,412,920
2,910	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25	5/19 at 100.00	BBB+	3,270,869
90	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25 (Pre-refunded 5/15/19)	5/19 at 100.00	N/R (5)	105,143
990	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	5/17 at 100.00	BBB+	1,011,661

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

2,615	Illinois State, General Obligation Bonds, Refunding Series 2012, 5.000%, 8/01/25	8/22 at 100.00	A-	2,877,781
910	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	A-	1,009,827
5,295	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38	1/23 at 100.00	AA-	5,952,374
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/19 – AGM Insured (UB)	No Opt. Call	AAA	11,349,369
1,245	Mc Henry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011B, 6.250%, 2/01/21 – AGM Insured	2/20 at 100.00	A2	1,469,984
825	McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011A: 6.000%, 2/01/24 – AGM Insured	2/20 at 100.00	A2	951,563
1,030	6.000%, 2/01/25 – AGM Insured	2/20 at 100.00	A2	1,188,012
2,500	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2012B, 5.000%, 6/15/52	6/22 at 100.00	BBB+	2,624,950
2,835	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series 2015B, 5.000%, 6/15/52	12/25 at 100.00	BBB+	3,007,113
645	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Series 2015A, 5.000%, 6/15/53	12/25 at 100.00	BBB+	684,139
9,500	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A: 0.000%, 6/15/24 – NPFPG Insured	6/22 at 101.00	AA-	10,483,914
36,040	0.000%, 6/15/40 – NPFPG Insured	No Opt. Call	AA-	11,889,235
480	Quad Cities Regional Economic Development Authority, Illinois, Revenue Bonds, Augustana College, Series 2012: 5.000%, 10/01/25	10/22 at 100.00	Baa1	538,954
400	5.000%, 10/01/26	10/22 at 100.00	Baa1	447,008
	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010:			

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

780	5.250%, 6/01/21	No Opt. Call	A	920,735
2,000	6.250%, 6/01/24	6/16 at 100.00	A	2,039,460
1,675	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties,	No Opt. Call	AA	1,939,968
1,900	Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 – AMBAC Insured Southwestern Illinois Development Authority, Environmental Improvement Revenue Bonds, US Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	8/22 at 100.00	B+	1,107,415
1,580	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/32	10/23 at 100.00	A	1,873,453
131,715	Total Illinois Indiana – 2.7% (1.9% of Total Investments) Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			117,593,024
1,950	0.000%, 2/01/24	No Opt. Call	AA+	1,640,555
2,705	0.000%, 2/01/25	No Opt. Call	AA+	2,201,518
3,000	Delaware County Hospital Authority, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36 (Pre-refunded 8/01/16)	8/16 at 100.00	N/R (5)	3,074,580
680	Indiana Finance Authority, Educational Facilities Revenue Bonds, Butler University Project, Refunding Series 2012B, 5.000%, 2/01/29	2/22 at 100.00	BBB+	772,086
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	B–	1,028,486
600	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Series 2012, 5.750%, 8/01/42 (Alternative Minimum Tax)	No Opt. Call	B+	349,710
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	BBB–	1,590,600
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+	5,837,407
	Indiana Finance Authority, Tax-Exempt Private Activity Revenue Bonds, I-69 Section 5			



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

	Project, Series 2014:			
605	5.250%, 9/01/34 (Alternative Minimum Tax)	9/24 at 100.00	BBB	684,376
255	5.250%, 9/01/40 (Alternative Minimum Tax)	9/24 at 100.00	BBB	281,872
17,725	Total Indiana			17,461,190
	Iowa – 0.8% (0.5% of Total Investments)			
	Iowa Finance Authority, Health Facility			
	Revenue Bonds, Care Initiatives Project, Series			
1,000	2006A,	7/16 at 100.00	BB+	1,010,470
	5.000%, 7/01/20			
1,630	Iowa Higher Education Loan Authority, Private	10/21 at		
	College Facility Revenue Bonds, University of	100.00	BBB–	1,776,602
	Dubuque Project, Refunding Series 2011,			
	6.000%, 10/01/31			
	Iowa Student Loan Liquidity Corporation,			
	Student Loan Revenue Bonds, Refunding	12/19 at		
2,000	Series 2009-2,	100.00	A1	2,212,080
	5.500%, 12/01/25			
4,630	Total Iowa			4,999,152
	Kansas – 1.4% (1.0% 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	2,367,220
1,000	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,183,610
	Kansas State Power Pool, Electric Utility			
	Revenue Bonds, Dogwood Energy Facility,	12/20 at		
1,485	Series	100.00	A3	1,597,682
	2012A, 5.000%, 12/01/31			
	Overland Park Transportation Development			
	District, Kansas, Sales Tax Revenue Bonds,			
575	Oak Park	4/20 at 100.00	BBB	627,871
	Mall Project, Series 2010, 5.900%, 4/01/32			
	Wyandotte County-Kansas City Unified			
	Government, Kansas, Sales Tax Special			
	Obligation Bonds,			
	Vacation Village Project Area 1 and 2A, Series			
	2015:			
2,025	5.750%, 9/01/32	9/25 at 100.00	N/R	2,056,366
965	6.000%, 9/01/35	9/25 at 100.00	N/R	978,578
	Wyandotte County-Kansas City Unified			
	Government, Kansas, Sales Tax Special			
355	Obligation Capital	No Opt. Call	A–	266,580
	Appreciation Revenue Bonds Redevelopment			
	Project Area B – Major Multi-Sport Athletic			
	Complex Project, Subordinate Lien Series			
	2010B, 0.000%, 6/01/21			
8,405	Total Kansas			9,077,907
	Kentucky – 1.3% (0.9% of Total Investments)			
1,000		6/20 at 100.00	BBB+	1,149,470

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			
	Kentucky Economic Development Finance Authority, Kentucky, Healthcare Revenue Bonds, Rosedale Green Project, Refunding Series 2015:			
255	5.750%, 11/15/45	11/25 at 100.00	N/R	263,361
1,180	5.750%, 11/15/50	11/25 at 100.00	N/R	1,204,237
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	5,834,650
7,435	Total Kentucky Louisiana – 5.9% (4.0% of Total Investments)			8,451,718
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	8,365,946
1,460	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Refunding Series 2015A, 5.000%, 7/01/39	7/25 at 100.00	A+	1,679,336
2,755	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	2,879,967
1,045	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47 (Pre-refunded 5/15/17)	5/17 at 100.00	N/R (5)	1,111,671
5,000	Louisiana Stadium and Exposition District, Revenue Refunding Bonds, Senior Lien Series 2013A, 5.000%, 7/01/30	7/23 at 100.00	A	5,799,700
1,480	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A: 4.750%, 5/01/39 (Pre-refunded 5/01/16) – AGM Insured	5/16 at 100.00	Aa1 (5)	1,497,005
15,820	4.500%, 5/01/41 (Pre-refunded 5/01/16) – FGIC Insured (UB)	5/16 at 100.00	AA (5)	15,991,647
170	Louisiana State, Gasoline and Fuel Tax Revenue Bonds, Series 2006, Residuals 660-1, 16.434%, 5/01/34 (Pre-refunded 5/01/16) – FGIC Insured (IF)	5/16 at 100.00	AA (5)	177,375

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

35,175	Total Louisiana			37,502,647
	Maine – 0.8% (0.5% of Total Investments)			
	Maine Health and Higher Educational Facilities			
	Authority Revenue Bonds, Eastern Maine			
990	Medical	7/23 at 100.00	BBB	1,072,507
	Center Obligated Group Issue, Series 2013,			
	5.000%, 7/01/43			
	Maine Health and Higher Educational Facilities			
	Authority, Revenue Bonds, Maine General			
2,000	Medical	7/21 at 100.00	BBB–	2,284,480
	Center, Series 2011, 6.750%, 7/01/36			
	Maine Health and Higher Educational Facilities			
1,250	Authority, Revenue Bonds, Series 2010A,	7/20 at 100.00	AA	1,404,288
	5.000%, 7/01/40			
4,240	Total Maine			4,761,275
	Maryland – 0.4% (0.2% of Total Investments)			
	Maryland Community Development			
	Administration, Housing Revenue Bonds,			
65	Series 1996A,	4/16 at 100.00	Aa2	65,230
	5.875%, 7/01/16			
	Maryland Health and Higher Educational			
	Facilities Authority, Revenue Bonds, Peninsula			
2,000	Regional	7/24 at 100.00	A	2,267,840
	Medical Center Issue, Series 2015, 5.000%,			
	7/01/45			
2,065	Total Maryland			2,333,070
	Massachusetts – 1.0% (0.7% of Total			
	Investments)			
	Massachusetts Development Finance Agency,			
1,000	Revenue Bonds, Orchard Cove, Series 2007,	4/16 at 101.00	N/R	1,011,040
	5.250%, 10/01/26			
	Massachusetts Health and Educational			
	Facilities Authority, Revenue Refunding			
1,900	Bonds, Suffolk	7/19 at 100.00	BBB	2,129,178
	University Issue, Series 2009A, 5.750%,			
	7/01/39			
	Massachusetts Water Resources Authority,			
	General Revenue Bonds, Series 2007A,			
3,465	4.500%,	2/17 at 100.00	AA+	3,520,232
	8/01/46 – AGM Insured (UB) (6)			
6,365	Total Massachusetts			6,660,450
	Michigan – 2.5% (1.7% of Total Investments)			
	Detroit Water and Sewerage Department,			
	Michigan, Sewage Disposal System Revenue			
355	Bonds,	7/22 at 100.00	A–	395,193
	Refunding Senior Lien Series 2012A, 5.250%,			
	7/01/39			
	Detroit, Michigan, Distributable State Aid			
	General Obligation Bonds, Limited Tax Series			
625	2010,	11/20 at	AA	674,569
	5.000%, 11/01/30	100.00		

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

5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured	7/16 at 100.00	AA–	5,432,237
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	A–	2,191,080
1,500	Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, W.A. Foote	6/20 at 100.00	AA	1,688,700
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–	3,679,301
1,635	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31	12/16 at 100.00	AA	1,695,511
365	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31 (Pre-refunded 12/01/16)	12/16 at 100.00	Aa2 (5)	378,928
15,100	Total Michigan			16,135,519
	Minnesota – 1.5% (1.1% of Total Investments)			
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–	1,062,940
5,000	Housing and Redevelopment Authority of the City of Saint Paul, Minnesota, Health Care Facilities Revenue Refunding Bonds, HealthPartners Obligated Group, Series 2015A, 5.000%, 7/01/33	7/25 at 100.00	A	5,880,450
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	2,888,024
8,875	Total Minnesota			9,831,414
	Mississippi – 1.2% (0.8% of Total Investments)			
720	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	4/16 at 100.00	BBB	727,128
5,215	Mississippi State, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA+	5,901,554

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

1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company	9/18 at 100.00	BBB	1,124,300
6,935	Project, Series 2008A, 6.500%, 9/01/32 Total Mississippi Missouri – 3.1% (2.1% of Total Investments)			7,752,982
1,400	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales	10/22 at 100.00	AA+	1,578,948
2,000	Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/44 Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue	6/17 at 100.00	B	1,873,700
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–	1,118,240
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, School Boards Association, Series 2014, 5.000%, 4/01/31	4/22 at 100.00	AA–	1,149,540
820	Liberty, Missouri, Special Obligation Tax Increment and Special Districts Bonds, Liberty Commons Project, Series 2015A: 5.125%, 6/01/25	No Opt. Call	N/R	838,081
2,000	5.750%, 6/01/35	6/25 at 100.00	N/R	2,033,340
1,945	6.000%, 6/01/46	6/25 at 100.00	N/R	1,984,095
1,590	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Kansas City University of Medicine and Biosciences, Series 2013A: 5.000%, 6/01/30	6/23 at 100.00	A1	1,802,027
2,700	5.000%, 6/01/33	6/23 at 100.00	A1	3,028,671
665	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.250%, 5/01/33	5/23 at 100.00	BBB+	745,751
505	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, University of Central Missouri, Series 2013C2, 5.000%, 10/01/34	10/23 at 100.00	A	584,224
50	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds,	11/23 at 100.00	A2	55,925

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

2,000	CoxHealth, Series 2013A, 5.000%, 11/15/44 Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Mercy	11/24 at 100.00	AA-	2,247,860
430	Health, Series 2014F, 5.000%, 11/15/45 St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Friendship Village	9/23 at 100.00	A-	493,980
18,105	of Sunset Hills, Series 2013A, 5.875%, 9/01/43 Total Missouri			19,534,382
580	Nebraska – 1.1% (0.7% of Total Investments) Douglas County Hospital Authority 2, Nebraska, Health Facilities Revenue Bonds, Nebraska	11/25 at 100.00	A-	653,648
1,930	Methodist Health System, Refunding Series 2015, 5.000%, 11/01/45 Douglas County Hospital Authority 2, Nebraska, Hospital Revenue Bonds, Madonna Rehabilitation Hospital Project, Series 2014:	5/24 at 100.00	BBB+	2,238,626
3,000	5.000%, 5/15/27	5/24 at 100.00	BBB+	3,336,210
70	5.000%, 5/15/36 Douglas County Hospital Authority 3, Nebraska, Health Facilities Revenue Bonds, Nebraska	11/25 at 100.00	A-	78,889
500	Methodist Health System, Refunding Series 2015, 5.000%, 11/01/45 Lincoln County Hospital Authority 1, Nebraska, Hospital Revenue and Refunding Bonds, Great	No Opt. Call	A-	550,350
6,080	Plains Regional Medical Center Project, Series 2012, 5.000%, 11/01/42 Total Nebraska			6,857,723
4,000	Nevada – 1.0% (0.7% of Total Investments) Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	4,648,440
1,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB	1,930,707
5,700	Total Nevada			6,579,147
615	New Jersey – 1.5% (1.0% of Total Investments) Gloucester County Pollution Control Financing Authority, New Jersey, Pollution Control Revenue	No Opt. Call	BBB-	700,122
	Bonds, Logan Project, Refunding Series 2014A, 5.000%, 12/01/24 (Alternative Minimum Tax) New Jersey Economic Development Authority, Student Housing Revenue Bonds, Provident			

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

	Group-Montclair Properties LLC, Montclair State University Student Housing Project, Series 2010A:			
835	5.750%, 6/01/31	6/20 at 100.00	Baa3	942,598
3,000	5.875%, 6/01/42	6/20 at 100.00	Baa3	3,350,250
	New Jersey Educational Facilities Authority, Revenue Bonds, Seton Hall University, Series 2013D,			
1,120	5.000%, 7/01/33	7/23 at 100.00	A	1,276,822
	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, University Hospital Issue, Refunding Series 2015A, 5.000%, 7/01/46 – AGM Insured			
405		7/25 at 100.00	AA	456,682
	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2015AA,			
2,645	5.000%, 6/15/45	6/25 at 100.00	A–	2,792,803
8,620	Total New Jersey			9,519,277
	New Mexico – 1.0% (0.6% of Total Investments)			
	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena			
1,500		7/20 at 100.00	BBB–	1,621,020
	Project, Series 2010A, 6.125%, 7/01/40			
	Winrock Town Center Tax Increment Development District, Albuquerque, New Mexico, Gross			
4,180		5/20 at 103.00	N/R	4,412,199
	Receipts Tax Increment Bonds, Senior Lien Series 2015, 5.750%, 5/01/30			
5,680	Total New Mexico			6,033,219
	New York – 6.5% (4.4% of Total Investments)			
	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32			
855		4/17 at 100.00	B	747,920
	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue			
	Bonds, Barclays Center Project, Series 2009:			
1,945	6.000%, 7/15/30	1/20 at 100.00	BBB–	2,234,649
3,065	6.250%, 7/15/40	1/20 at 100.00	BBB–	3,556,779
	Buffalo and Erie County Industrial Land Development Corporation, New York, Revenue Bonds,			
450		7/25 at 100.00	BBB+	526,316
	Catholic Health System, Inc. Project, Series 2015, 5.250%, 7/01/35			
	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMG Insured			
4,070		2/17 at 100.00	AA–	4,198,775
	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2014A,			
3,000		9/24 at 100.00	A–	3,443,910

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

	5.000%, 9/01/39			
1,070	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B,	11/19 at 100.00	AA	1,216,633
	5.000%, 11/15/34			
2,500	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2013A,	5/23 at 100.00	AA-	2,869,375
	5.000%, 11/15/38			
1,250	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43	12/20 at 100.00	AA+	1,467,763
	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second			
3,750	General Resolution Revenue Bonds, Fiscal 2015 Series AA, 4.000%, 6/15/44	6/24 at 100.00	AA+	3,975,900
	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade			
13,115	Center Project, Class 1 Series 2014, 5.000%, 11/15/44	11/24 at 100.00	N/R	13,978,360
	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 4 World Trade			
1,870	Center Project, Series 2011, 5.000%, 11/15/44	11/21 at 100.00	A+	2,103,470
	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal			
795	LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	928,862
	Total New York			41,248,712
	North Carolina – 0.3% (0.2% of Total Investments)			
	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds,			
750	Carolinas Health Care, Series 2007A, 5.000%, 1/15/31	1/17 at 100.00	AA-	776,933
	North Carolina Department of Transportation, Private Activity Revenue Bonds, I-77 Hot Lanes			
940	Project, Series 2015, 5.000%, 6/30/54 (Alternative Minimum Tax)	6/25 at 100.00	BBB-	996,851
	Total North Carolina			1,773,784
	North Dakota – 0.9% (0.6% of Total Investments)			
	Burleigh County, North Dakota, Health Care Revenue Bonds, Saint Alexius Medical Center			
1,000		7/21 at 100.00	N/R (5)	1,200,350



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

	Project, Series 2014A, 5.000%, 7/01/35 (Pre-refunded 7/01/21)			
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+	2,685,531
1,875	Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated	12/21 at 100.00	A-	2,069,663
5,065	Group, Series 2012, 5.000%, 12/01/32 Total North Dakota			5,955,544
	Ohio – 8.1% (5.5% of Total Investments)			
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:			
1,710	5.875%, 6/01/30	6/17 at 100.00	B-	1,542,317
495	6.000%, 6/01/42	6/17 at 100.00	B	443,941
27,580	6.500%, 6/01/47	6/17 at 100.00	B	26,300,839
2,445	5.875%, 6/01/47	6/17 at 100.00	B	2,165,928
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37			
1,665	Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:	6/22 at 100.00	B-	1,549,216
2,000	5.250%, 11/01/29	11/20 at 100.00	A	2,356,540
3,000	5.750%, 11/01/40	11/20 at 100.00	A	3,564,060
3,040	Franklin County, Ohio, Healthcare Facilities Revenue Bonds, Ohio Presbyterian Retirement Services, Improvement Series 2010A, 5.625%, 7/01/26	7/21 at 100.00	BBB-	3,320,045
1,890	Lorain County Port Authority, Ohio, Recovery Zone Facility Economic Development Revenue Bonds,	12/20 at 100.00	B+	1,138,933
4,615	United State Steel Corporation Project, Series 2010, 6.750%, 12/01/40 Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	11/21 at 100.00	AA	5,583,550
800	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation	No Opt. Call	BBB-	894,176
2,000	Project, Series 2009E, 5.625%, 10/01/19 Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series	2/23 at 100.00	A+	2,380,220
51,240	2013A-1, 5.250%, 2/15/33 Total Ohio			51,239,765

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

	Oklahoma – 1.3% (0.9% of Total Investments)			
2,055	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	2,363,312
5,615	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)	12/16 at 100.00	AA+	5,827,416
88	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, tender option Bond Trust 3500, 8.554%, 6/15/30 (IF)	12/16 at 100.00	AA+	94,053
7,758	Total Oklahoma			8,284,781
	Oregon – 0.2% (0.1% of Total Investments)			
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	1,381,328
	Pennsylvania – 6.6% (4.5% of Total Investments)			
1,000	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB–	1,006,260
100	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+	113,204
900	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R (5)	1,034,046
2,080	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2015, 5.000%, 1/01/38	1/25 at 100.00	BBB+	2,286,315
	Montgomery County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Albert Einstein Healthcare Network Issue, Series 2015A:			
5,440	5.250%, 1/15/36	1/25 at 100.00	Baa2	6,053,903
825	5.250%, 1/15/45	1/25 at 100.00	Baa2	910,181
2,000	Pennsylvania Economic Development Financing Authority, Exempt Facilities	11/24 at 100.00	N/R	2,094,600

	Revenue Bonds, National Gypsum Company, Refunding Series 2014, 5.500%, 11/01/44 (Alternative Minimum Tax)			
2,750	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Refunding Bonds, PPL Energy Supply, LLC Project, Series 2009A, 6.400%, 12/01/38	9/25 at 100.00	Ba3	2,909,885
1,085	Pennsylvania Economic Development Financing Authority, Private Activity Revenue Bonds, Pennsylvania Rapid Bridge Replacement Project, Series 2015, 5.000%, 12/31/38 (Alternative Minimum Tax)	6/26 at 100.00	BBB	1,199,088
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	649,038
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	5,618,246
5,660	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015A-1, 5.000%, 12/01/45	6/25 at 100.00	A1	6,413,063
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	N/R (5)	1,862,705
5,445	Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011: 6.000%, 8/01/36	8/20 at 100.00	A+	6,318,814
1,425	6.500%, 8/01/41	8/20 at 100.00	A+	1,698,785
1,670	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	A–	1,817,845
38,065	Total Pennsylvania South Carolina – 1.0% (0.7% of Total Investments)			41,985,978
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Refunding Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	AA–	6,159,550

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

	Tennessee – 1.0% (0.7% of Total Investments)			
	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds,			
3,825		1/23 at 100.00	A+	4,309,589
	Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45			
	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41			
5,075		1/17 at 30.07	A	1,461,854
	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds,			
680		9/16 at 100.00	BBB+	694,783
	Wellmont Health System, Series 2006C, 5.250%, 9/01/36			
9,580				6,466,226
	Total Tennessee			
	Texas – 18.6% (12.7% of Total Investments)			
	Board of Regents, University of Texas System, Financing System Revenue Bonds, Refunding Series			
5,480		2/17 at 100.00	AAA	5,649,660
	2006F, 4.250%, 8/15/36			
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.000%, 1/01/41			
1,000		1/21 at 100.00	BBB+	1,149,140
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien, Series 2015A, 5.000%, 1/01/40			
2,000		7/25 at 100.00	BBB+	2,262,980
	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Improvement Series 2013C,			
4,000		11/22 at 100.00	A+	4,462,400
	5.000%, 11/01/38 (Alternative Minimum Tax)			
	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement			
2,600		11/21 at 100.00	A+	2,880,124
	Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured			
	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series			
2,335		10/23 at 100.00	BBB+	2,581,156
	2013A, 5.125%, 10/01/43			
	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment			
28,305		No Opt. Call	A2	18,321,826
	Project, Series 2001B, 0.000%, 9/01/28 – AMBAC Insured			
	Houston, Texas, Subordinate Lien Airport System Revenue Refunding Bonds, Series 2012A, 5.000%,			
3,855		7/22 at 100.00	A	4,318,988
	7/01/32 (Alternative Minimum Tax)			
7,500		No Opt. Call	AA (5)	11,022,374
	Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series			

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

2,750	2002A, 5.750%, 12/01/32 – AGM Insured (ETM) Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission	5/25 at 100.00	A+	3,135,633
4,130	Services Corporation Project, Refunding Series 2015, 5.000%, 5/15/40 Mission Economic Development Corporation, Texas, Water Supply Revenue Bonds, Enviro Water	1/26 at 102.00	N/R	4,177,619
1,960	Minerals Project, Green Bonds, Series 2015, 7.750%, 1/01/45 (Alternative Minimum Tax) North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A,	9/31 at 100.00	AA+	1,880,326
1,100	0.000%, 9/01/43 North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A1	1,247,136
555	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008A, 5.750%, 1/01/40	1/18 at 100.00	AA	603,057
545	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008A, 5.750%, 1/01/40 (Pre-refunded 1/01/18) – AGC Insured	1/18 at 100.00	AA (5)	597,287
2,500	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2008F, 5.750%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A2 (5)	2,739,850
2,345	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A, 5.000%, 1/01/38	1/25 at 100.00	A2	2,687,956
1,570	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.000%, 2/01/34	2/24 at 100.00	Baa2	1,710,876
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 17.831%, 2/15/30 (IF) (6)	2/17 at 100.00	AA	285,920
2,730	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–	3,187,029
215	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue	8/20 at 100.00	N/R (5)	256,480

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

	Bonds, Scott & White Healthcare Project, Series 2010, 5.500%, 8/15/45 (Pre-refunded 8/15/20) Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas	2/17 at 100.00	AA	5,386,784
5,200	Health Resources, Series 2007A, 5.000%, 2/15/36 (UB) Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior	No Opt. Call	BBB+	2,450,745
1,980	Lien Series 2008D, 6.250%, 12/15/26 Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012:	No Opt. Call	A3	2,894,325
2,500	5.000%, 12/15/27	No Opt. Call	A3	2,894,325
4,835	5.000%, 12/15/28 Texas Private Activity Bond Surface Transportation Corporation, Revenue Bonds, NTE Mobility	No Opt. Call	A3	5,558,074
1,620	Partners LLC North Tarrant Express Managed Lanes Project, Senior Lien Series 2009, 6.875%, 12/31/39 Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010:	12/19 at 100.00	Baa2	1,911,227
2,000	7.000%, 6/30/34	6/20 at 100.00	Baa3	2,438,920
500	7.000%, 6/30/40	6/20 at 100.00	Baa3	604,805
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-	2,523,780
1,000	Texas Public Finance Authority, Charter School Finance Corporation Revenue Bonds, Idea Public School Project, Series 2007A, 5.000%, 8/15/37 (Pre-refunded 8/15/17) – ACA Insured	8/17 at 100.00	BBB (5)	1,067,700
3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.826%, 4/01/28 (IF)	4/17 at 100.00	AAA	5,028,402
4,000	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C, 5.000%, 8/15/32	8/24 at 100.00	BBB+	4,608,760
1,020	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured	No Opt. Call	A-	927,486

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

300	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured (ETM)	No Opt. Call	A3 (5)	278,898
7,000	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 6.000%, 11/15/22 (ETM)	4/16 at 100.00	Aaa	7,575,330
115,075	Total Texas Utah – 0.4% (0.3% of Total Investments)			118,413,053
810	Utah State Charter School Finance Authority, Charter School Revenue Bonds, North Davis Preparatory Academy, Series 2010, 6.375%, 7/15/40	7/20 at 100.00	BBB–	891,697
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–	1,607,155
2,365	Total Utah Virgin Islands – 0.4% (0.3% of Total Investments)			2,498,852
2,480	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37	10/19 at 100.00	Baa3	2,800,143
540	Virginia – 1.4% (0.9% of Total Investments) Embrey Mill Community Development Authority, Virginia, Special Assessment Revenue Bonds, Series 2015, 5.600%, 3/01/45	3/25 at 100.00	N/R	550,865
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–	792,350
1,810	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–	1,948,013
4,640	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012, 6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB–	5,377,017
7,990	Total Virginia Washington – 1.3% (0.9% of Total Investments)			8,668,245
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	Aa2	2,437,586
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson	7/19 at 100.00	A (5)	2,337,440

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

	Cancer Research Center, Series 2009A, 6.000%, 1/01/33 (Pre-refunded 7/01/19)			
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32 (Pre-refunded 12/04/17)	12/17 at 100.00	N/R (5)	2,058,500
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	1,694,177
7,780	Total Washington West Virginia – 1.3% (0.9% of Total Investments)			8,527,703
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	2,170,662
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	5,954,279
7,110	Total West Virginia Wisconsin – 4.4% (3.0% of Total Investments)			8,124,941
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	896,402
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–	1,498,476
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	2,361,157
4,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series 2015, 5.000%, 8/15/39	8/24 at 100.00	A+	4,510,600
1,415	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A: 5.000%, 7/01/27	7/24 at 100.00	BBB+	1,634,481
1,310	5.000%, 7/01/29	7/24 at 100.00	BBB+	1,488,540
3,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial	7/24 at 100.00	BBB+	3,299,280



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

	Hospital, Inc., Series 2014B, 5.000%, 7/01/44			
	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-	5,119,450
1,000	5.250%, 8/15/34	8/16 at 100.00	A-	1,019,670
	Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, Dickson	10/22 at 102.00	N/R	1,160,555
	Hollow Project. Series 2014, 5.250%, 10/01/39			
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 (Pre-refunded 5/01/16) – FGIC Insured (UB) (6)	5/16 at 100.00	AA (5)	5,057,800
26,165	Total Wisconsin			28,046,411
\$ 894,961	Total Municipal Bonds (cost \$840,592,903)			935,292,573

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)				
\$ 51	(7), (8) Las Vegas Monorail Company, Senior Interest Bonds	5.500%	7/15/19	N/R	\$ 1,526
13	(7), (8) Las Vegas Monorail Company, Senior Interest Bonds	3.000%	7/15/55	N/R	406
\$ 64	Total Corporate Bonds (cost \$5,770)				1,932
	Total Long-Term Investments (cost \$840,598,673)				935,294,505
	Floating Rate Obligations – (7.7)%				(49,019,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (41.2)% (9)				(262,200,000)
	Other Assets Less Liabilities – 2.0%				12,579,240
	Net Assets Applicable to Common Shares – 100%				\$ 636,654,745

## 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	\$ —	\$935,292,573	\$ —	\$935,292,573
Corporate Bonds	—	—	1,932	1,932
Total	\$ —	\$935,292,573	\$1,932	\$935,294,505

## 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 January 31, 2016, the cost of investments was \$791,855,603.

Gross unrealized appreciation and gross unrealized depreciation of investments as of January 31, 2016, were as follows:

Gross unrealized:	
Appreciation	\$97,358,482
Depreciation	(2,937,042)

Net unrealized appreciation (depreciation) of investments

\$94,421,440

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) On January 1, 2016, the Fund's Adviser determined it was likely that this borrower would fulfill a portion of its obligation on this security, and therefore increased the security's interest rate of accrual from 4.750% to 5.250%.  
Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities,
- (5) 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.
- (6) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (7) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board. 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 is not accruing income for either senior interest corporate bond. Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is
- (9) 28.0%.
- (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 /s/ Kevin J. McCarthy  
and Title)  
Kevin J. McCarthy  
Vice President and Secretary

Date: March 31, 2016

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 /s/ Gifford R. Zimmerman  
and Title)  
Gifford R. Zimmerman  
Chief Administrative Officer (principal executive officer)

Date: March 31, 2016

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

Date: March 31, 2016