

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-Q
September 29, 2005

**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)

333 West Wacker Drive, Chicago, Illinois 60606

(Address of principal executive offices) (Zip code)

Jessica R. Droeger 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: 07/31/05

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, 2005

Principal

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMP

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Amount (000)	Description ⁽¹⁾	Prov
Alabama - 3.4% (2.2% of Total Investments)		
\$ 2,395	Alabama Housing Finance Authority, FNMA Multifamily Housing Revenue Bonds, South Bay Apartments, Series 2000K, 5.950%, 2/01/33 (Alternative Minimum Tax)	2/1
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	11/0
5,150	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/16	12/1
Alaska - 0.8% (0.5% of Total Investments)		
3,065	Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26 - MBIA Insured	12/1
1,665	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 - FGIC Insured	12/1
Arizona - 1.6% (1.0% of Total Investments)		
5,000	Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Series 2003A, 5.000%, 7/01/31 - MBIA Insured	7/1
4,100	Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Series 2003, 5.000%, 12/01/18 - MBIA Insured	12/1
Arkansas - 0.0% (0.0% of Total Investments)		
75	Arkansas Development Finance Authority, FHA-Insured or VA Guaranteed Single Family Mortgage Revenue Refunding Bonds, Series 1991A, 8.000%, 8/15/11	8/0
81	Jacksonville Residential Housing Facilities Board, Arkansas, FNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Refunding Bonds, Series 1993A-2, 7.900%, 1/01/11	1/0
131	Lonoke County Residential Housing Facilities Board, Arkansas, FNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Refunding Bonds, Series 1993A, 7.900%, 4/01/11	10/0
California - 8.4% (5.5% of Total Investments)		
17,000	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A, 5.000%, 3/01/33	3/1
2,000	California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31	8/1
12,000	California, General Obligation Bonds, Series 2003, 5.250%, 2/01/22	8/1
4,500	California, General Obligation Bonds, Series 2004, 5.100%, 2/01/34	2/0
1,800	California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A, 5.500%, 5/01/14 - AMBAC Insured	5/1
4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14	
1,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2003A-1, 6.750%, 6/01/39	6/1
3,000	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2001A-3, 5.375%, 7/01/20	7/0
795	Santa Clara Valley Water District, California, Water Utility System Revenue Bonds, Series 2000A, 5.000%, 6/01/18	6/1
1,945	South Gate Public Financing Authority, California, Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 - FGIC Insured	

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Colorado - 6.2% (4.0% of Total Investments)

6,500	Adams 12 Five Star Schools, Adams County, Colorado, General Obligation Bonds, Series 2005, 4.750%, 12/15/23 - FSA Insured	12/1
2,000	Colorado Health Facilities Authority, Revenue Refunding Bonds, Catholic Health Initiatives, Series 2001, 5.250%, 9/01/21	9/1
805	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1999C-3, 6.750%, 10/01/21	10/0
3,040	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	
	Denver Convention Center Hotel Authority, Colorado, Senior Revenue Bonds, Convention Center Hotel, Series 2003A:	
2,940	5.000%, 12/01/20 - XLCA Insured	12/1
10,000	5.000%, 12/01/33 - XLCA Insured	12/1
4,345	El Paso County School District 20, Academy, Colorado, General Obligation Bonds, Series 2002, 5.250%, 12/15/17 - FGIC Insured	12/1
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 - FSA Insured	12/1
4,125	Municipal Subdistrict Northern Colorado Water District, Revenue Bonds, Series 1997G, 5.250%, 12/01/15 - AMBAC Insured	12/0

Connecticut - 0.5% (0.3% of Total Investments)

3,000	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 1996C-2, 6.250%, 11/15/18	5/0
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District of Columbia - 5.4% (3.5% of Total Investments)

6,000	District of Columbia, General Obligation Bonds, Series 1993B-2, 5.500%, 6/01/10 - FSA Insured	
4,250	District of Columbia, Hospital Revenue Refunding Bonds, Medlantic Healthcare Group, Series 1993A, 5.750%, 8/15/14 - MBIA Insured	8/0
5	District of Columbia, General Obligation Bonds, Series 1993E, 6.000%, 6/01/09 - CAPMAC Insured	12/0
	District of Columbia, General Obligation Refunding Bonds, Series 1993A:	
1,585	6.000%, 6/01/07 - MBIA Insured	
7,215	6.000%, 6/01/07 - MBIA Insured	
	District of Columbia, Revenue Bonds, Georgetown University, Series 2001A:	
9,670	0.000%, 4/01/26 - MBIA Insured	4,
15,235	0.000%, 4/01/30 - MBIA Insured	4,
5,000	Washington Convention Center Authority, District of Columbia, Senior Lien Dedicated Tax Revenue Bonds, Series 1998, 5.250%, 10/01/12 - AMBAC Insured	10/0

Florida - 6.6% (4.3% of Total Investments)

5,000	Broward County School Board, Florida, Certificates of Participation, Series 2003, 5.000%, 7/01/28 - MBIA Insured	7/1
2,500	Florida State Board of Education, Full Faith and Credit Public Education Capital Outlay Bonds, Series 1996A, 5.250%, 6/01/22 (Pre-refunded to 6/01/06)	6/0
5,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.250%, 10/01/18 (Alternative Minimum Tax) - MBIA Insured	10/1
9,000	JEA, Florida, Water and Sewerage System Revenue Bonds, Series 2001A, 5.200%, 10/01/20 (Pre-refunded to 10/01/05)	10/0
5,000	Martin County Industrial Development Authority, Florida, Industrial Development Revenue Bonds, Indiantown Cogeneration LP, Series 1994A, 7.875%, 12/15/25 (Alternative Minimum Tax)	12/0
1,380	Miami-Dade County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Sunset Bay Apartments, Series 2000-5A, 5.850%, 7/01/20 (Alternative Minimum Tax) - FSA Insured	1/1
9,500	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 - AMBAC Insured	10/1

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Georgia - 2.5% (1.6% of Total Investments)

4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 - FGIC Insured
2,880	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1992B, 8.250%, 1/01/11
5,500	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 - FGIC Insured

Hawaii - 1.0% (0.6% of Total Investments)

	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B:
1,580	5.000%, 10/01/13
3,720	5.000%, 10/01/13

Illinois - 14.4% (9.3% of Total Investments)

4,000	Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 - MBIA Insured	
5,550	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 (Alternative Minimum Tax) - FSA Insured	1/1
5,000	Chicago, Illinois, Sales Tax Revenue Bonds, Series 1998, 5.250%, 1/01/28 - FGIC Insured	7/0
	Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997:	
1,455	8.500%, 12/01/13 - FGIC Insured	
1,685	8.500%, 12/01/15 - FGIC Insured	
6,140	Illinois Development Finance Authority, GNMA Collateralized Mortgage Revenue Bonds, Greek American Nursing Home Committee, Series 2000A, 7.600%, 4/20/40	4/1
1,385	Illinois Finance Authority, General Obligation Debt Certificates, Local Government Program - Kankakee County, Series 2005B, 5.000%, 12/01/18 - AMBAC Insured	12/1
	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C:	
4,420	7.000%, 4/01/08	
4,075	7.000%, 4/01/14	
4,000	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32	5/1
4,000	Illinois Health Facilities Authority, FHA-Insured Mortgage Revenue Refunding Bonds, Sinai Health System, Series 2003, 5.150%, 2/15/37	8/1
2,225	Illinois Housing Development Authority, Multifamily Program Bonds, Series 1994-5, 6.650%, 9/01/14	9/0
3,410	Illinois Housing Development Authority, Section 8 Elderly Housing Revenue Bonds, Skyline Towers Apartments, Series 1992B, 6.875%, 11/01/17	11/0
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, School Refunding Bonds, Series 2002, 5.250%, 12/01/19 - FSA Insured	
	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:	
9,500	0.000%, 6/15/24 - MBIA Insured	6/2
4,540	5.000%, 12/15/28 - MBIA Insured	6/1
36,040	0.000%, 6/15/40 - MBIA Insured	
3,050	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 - AMBAC Insured	
1,362	Wood River Township, Madison County, Illinois, General Obligation Bonds, Series 1993, 6.625%, 2/01/14	8/0

Indiana - 9.0% (5.8% of Total Investments)

22,000	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Clarian Health Obligated Group, Series 2000A, 5.500%, 2/15/30 - MBIA Insured	8/1
3,000	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional	

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	Hospital, Series 1993, 7.000%, 8/15/15 - FSA Insured	
2,800	Indiana Health Facility Financing Authority, Revenue Bonds, Community Hospitals of Indiana, Series 2005A, 5.000%, 5/01/35 - AMBAC Insured	5/1
3,965	Indiana Educational Facilities Authority, Revenue Bonds, Butler University, Series 2001, 5.500%, 2/01/26 - MBIA Insured	2/1
1,500	Indiana Educational Facilities Authority, Revenue Bonds, University of Indianapolis, Series 1999, 5.750%, 10/01/19 - FSA Insured	10/0
	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A:	
4,000	5.000%, 6/01/23 - FSA Insured	6/1
6,000	5.000%, 6/01/24 - FSA Insured	6/1
710	Kokomo Hospital Authority, Indiana, Hospital Revenue Refunding Bonds, St. Joseph Hospital and Health Center, Series 1993, 6.250%, 8/15/05	8/0
5,000	Metropolitan School District Warren Township Vision 2005 School Building Corporation, Marion	1/1