

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-CSRS
July 09, 2012

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES

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, IL 60606
(Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Nuveen Investments
333 West Wacker Drive
Chicago, IL 60606
(Name and address of agent for service)

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

Date of fiscal year end: October 31

Date of reporting period: April 30, 2012

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e-1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR 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 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. ss. 3507.

ITEM 1. REPORTS TO STOCKHOLDERS.

LIFE IS COMPLEX.

Nuveen makes things e-simple.

It only takes a minute to sign up for e-Reports. Once enrolled, you'll receive an e-mail as soon as your Nuveen Fund information is ready. No more waiting for delivery by regular mail. Just click on the link within the e-mail to see the report and save it on your computer if you wish.

Free e-Reports right to your e-mail!

www.investordelivery.com

If you receive your Nuveen Fund distributions and statements from your financial advisor or brokerage account.

OR

www.nuveen.com/accountaccess

If you receive your Nuveen Fund distributions and statements directly from Nuveen.

Table of Contents

Chairman’s Letter to Shareholders	4
Portfolio Managers’ Comments	5
Fund Leverage and Other Information	8
Common Share Dividend and Price Information	10
Performance Overviews	12
Portfolios of Investments	15
Statement of Assets and Liabilities	60
Statement of Operations	61
Statement of Changes in Net Assets	62
Statement of Cash Flows	63
Financial Highlights	64
Notes to Financial Statements	70
Reinvest Automatically, Easily and Conveniently	80
Glossary of Terms Used in this Report	82
Additional Fund Information	87

Chairman's
Letter to Shareholders

Dear Shareholders,

Investors have many reasons to remain cautious. The challenges in the Euro area are casting a shadow over global economies and financial markets. The political support for addressing fiscal issues is eroding as the economic and social impacts become more visible. At the same time, member nations appear unwilling to provide adequate financial support or to surrender sufficient sovereignty to strengthen the banks or unify the Euro area financial system. The gains made in reducing deficits, and the hard-won progress on winning popular acceptance of the need for economic austerity, are at risk. To their credit, European political leaders press on to find compromise solutions, but there is increasing concern that time will begin to run out.

In the U.S., strong corporate earnings have enabled the equity markets to withstand much of the downward pressures coming from weakening job creation, slower economic growth and political uncertainty. The Fed remains committed to low interest rates but has refrained from predicting another program of quantitative easing unless economic growth were to weaken significantly or the threat of recession appears on the horizon. Pre-election maneuvering has added to the already highly partisan atmosphere in the Congress. The end of the Bush-era tax cuts and implementation of the spending restrictions of the Budget Control Act of 2011, both scheduled to take place at year-end, loom closer.

During the last year, U.S. based investors have experienced a sharp decline and a strong recovery in the equity markets. The experienced investment teams at Nuveen keep their eye on a longer time horizon and use their practiced investment disciplines to negotiate through market peaks and valleys to achieve long-term goals for investors. Experienced professionals pursue investments that will weather short-term volatility and at the same time, seek opportunities that are created by markets that overreact to negative developments. Monitoring this process is an important consideration for the Fund Board as it oversees your Nuveen funds on your behalf.

As always, I encourage you to contact your financial consultant if you have any questions about your investment in a Nuveen Fund. On behalf of the other members of your Fund Board, we look forward to continuing to earn your trust in the months and years ahead.

Sincerely,

Robert P. Bremner
Chairman of the Board
June 20, 2012

4 Nuveen Investments

Portfolio Managers' Comments

Nuveen Premium Income Municipal Fund, Inc. (NPI)
Nuveen Premium Income Municipal Fund 2, Inc. (NPM)
Nuveen Premium Income Municipal Fund 4, Inc. (NPT)

Portfolio managers Paul Brennan and Chris Drahn review key investment strategies and the six-month performance of these three national Funds. With 21 years of investment experience, including 15 years at Nuveen, Paul has managed NPI and NPM since 2006. Chris, who has 32 years of financial industry experience, assumed portfolio management responsibility for NPT in January 2011.

What key strategies were used to manage these Funds during the six-month reporting period ended April 30, 2012?

During this period, municipal bond prices generally rallied, amid strong demand despite yields that continued to be relatively low. The availability of municipal supply improved in recent months from 2011 levels, although the pattern of new issuance remained light compared with long-term historical trends. In addition, approximately half of the new bonds issued during this period came from borrowers that were calling existing debt and refinancing at lower rates.

In this environment, much of our investment activity was opportunistic. NPI and NPM found value in various sectors of the market, including health care, higher education and tax-supported bonds. In NPT, we took advantage of opportunities created by temporary market imbalances to purchase bonds in the intermediate part of the yield curve at attractive prices, specifically in the water revenue, electric revenue and tax-backed sectors where new issues were more plentiful. Although the pattern of issuance tended to be shorter on the yield curve during this period due to refunding activity, our focus generally remained on longer maturities in order to take advantage of attractive yields at the longer end of the municipal yield curve. The majority of our purchases were made in the mid-tier credit quality categories, bonds rated AA, A and BBB. Overall, we continued to take a bottom-up approach to discovering sectors that appeared undervalued as well as individual credits that had the potential to perform well over the long term.

Cash for new purchases during this period was generated primarily by the proceeds from called and maturing bonds. A sizeable number of bond calls and refundings provided a meaningful source of liquidity, which sometimes were reinvested in the new credits issued to replace the refunded bonds as a way of maintaining our exposure to those borrowers. Selling was minimal during this period, as the bonds in our portfolios generally offered higher yields than those available in the current marketplace.

Certain statements in this report are forward-looking statements. Discussions of specific investments are for illustration only and are not intended as recommendations of individual investments. The forward-looking statements and other views expressed herein are those of the portfolio managers as of the date of this report. Actual future results or occurrences may differ significantly from those anticipated in any forward-looking statements, and the views expressed herein are subject to change at any time, due to numerous market and other factors. The Funds disclaim any obligation to update publicly or revise any forward-looking statements or views expressed herein.

Ratings shown are the highest rating given by one of the following national rating agencies: Standard & Poor's Group, Moody's Investors Service, Inc., or Fitch, Inc. Credit ratings are subject to change. AAA, AA, A, and BBB are investment grade ratings; BB, B, CCC, CC, C and D are below investment grade ratings. Certain bonds backed by U.S. government or agency securities are regarded as having an implied rating equal to the rating of such securities. Holdings designated N/R are not rated by a national rating agency.

As of April 30, 2012, all three of these Funds continued to use inverse floating rate securities. We employ inverse floaters for a variety of reasons, including duration management, income enhancement and total return enhancement.

How did the Funds perform during the six-month period ended April 30, 2012?

Individual results for these Funds, as well as relevant index and peer group information, are presented in the accompanying table.

Average Annual Total Returns on Common Share Net Asset Value*
For periods ended 4/30/12

Fund	6-Month	1-Year	5-Year	10-Year
NPI	9.68%	20.80%	5.81%	6.18%
NPM	9.05%	19.24%	6.27%	6.54%
NPT	10.49%	23.35%	6.70%	6.47%
Standard & Poor's (S&P) Municipal Bond Index**	5.70%	11.89%	5.26%	5.42%
Lipper General & Insured Leveraged Municipal Debt Funds Classification Average**	10.74%	23.04%	6.00%	6.68%

For the six months ended April 30, 2012, the cumulative returns on common share net asset value (NAV) for these three Funds exceeded the return for the Standard & Poor's (S&P) Municipal Bond Index. For the same period, the Funds trailed the average return for the Lipper General and Insured Leveraged Municipal Debt Funds Classification Average.

Key management factors that influenced the Funds' returns during this period included duration and yield curve positioning, credit exposure and sector allocation. The use of regulatory leverage also was an important positive factor affecting the Funds' performance. Leverage is discussed in more detail later in this report.

During this period, municipal bonds with longer maturities generally outperformed those with shorter maturities. Overall, credits at the longest end of the municipal yield curve posted the strongest returns, while bonds at the shortest end produced the weakest results. Among these three Funds, NPT was the most advantageously positioned in terms of duration and yield curve exposure, with overweightings in the longer segments of the yield curve that performed best. NPI and NPM were slightly less advantageously positioned, with durations a little short of their target. NPM, which had the shortest duration among the three Funds, was the most impacted by this positioning.

Credit exposure was an important factor in the Funds' performance during these six months, as lower quality bonds generally outperformed higher quality bonds. This outperformance was due in part to the greater demand for lower rated bonds as investors looked for investment vehicles offering higher yields. As investors became more comfortable taking on additional investment risk, credit spreads or the difference in yield spreads between U.S. Treasury securities and comparable investments such as municipal bonds, narrowed through a variety of rating categories. As a result of this spread compression, the performance of all three of these Funds were boosted by their strong

Past performance is not predictive of future results. Current performance may be higher or lower than the data shown. Returns do not reflect the deduction of taxes that shareholders may have to pay on Fund distributions or upon the sale of Fund shares.

For additional information, see the individual Performance Overview for your Fund in this report.

* Six-month returns are cumulative; all other returns are annualized.

** Refer to Glossary of Terms Used in this Report for definitions. Indexes and Lipper averages are not available for direct investment.

6 Nuveen Investments

exposures to the lower rated credit spectrum, with NPT benefiting the most from significant overweight in bonds rated A and BBB and underweight in both AAA and AA credits.

Holdings that generally made positive contributions to the Funds' returns during this period included health care (including hospitals), transportation and education credits. All of these Funds, particularly NPT, were overweight in health care bonds, which enhanced their returns. Tobacco bonds backed by the 1998 master settlement agreement also were one of the top performing market segments during this period, as these bonds benefited from several developments in the market, including increased demand for higher yielding investments by investors who had become less risk-averse. In addition, based on recent data showing that cigarette sales had fallen less steeply than anticipated, the 46 states participating in the agreement stand to receive increased payments from the tobacco companies. NPI, NPM and NPT had allocations in the tobacco sector as of April 30, 2012.

In contrast, pre-refunded bonds, which are often backed by U.S. Treasury securities, were the poorest performing market segment during this period. The underperformance of these bonds can be attributed primarily to their shorter effective maturities and higher credit quality. As of April 30, 2012, NPM had the heaviest weighting in pre-refunded bonds among these three Funds, which detracted from its performance. General obligation (GO) and other tax-supported bonds as well as utilities and housing credits also lagged the performance of the general municipal market for this period. These Funds generally had relatively light exposures to housing, and NPI and NPT also benefited from being underweighted in state and local GOs.

Nuveen Investments

7

Fund Leverage and
Other Information

IMPACT OF THE FUNDS' LEVERAGE STRATEGIES ON PERFORMANCE

One important factor impacting the returns of all these Funds relative to the comparative indexes was the Funds' use of leverage. The Funds use leverage because their managers believe that, over time, leveraging provides opportunities for additional income and total return for common shareholders. However, use of leverage also can expose common shareholders to additional volatility. For example, as the prices of securities held by a Fund decline, the negative impact of these valuation changes on common share net asset value and common shareholder total return is magnified by the use of leverage. Conversely, leverage may enhance common share returns during periods when the prices of securities held by a Fund generally are rising. Leverage made a positive contribution to the performance of these Funds over this reporting period.

THE FUNDS' REGULATORY LEVERAGE

As of April 30, 2012, the Funds have issued and outstanding Variable Rate MuniFund Term Preferred (VMTP) Shares and Variable Rate Demand Preferred (VRDP) Shares as shown in the accompanying tables.

VMTP Shares

Fund	Series	VMTP Shares Issued at Liquidation Value
NPI	2014	\$ 402,400,000

VRDP Shares

Fund	VRDP Shares Issued at Liquidation Value
NPM	\$ 489,500,000
NPT	\$ 262,200,000

(Refer to Notes to Financial Statements, Footnote 1 – General Information and Significant Accounting Policies for further details on VMTP Shares and VRDP Shares.)

RISK CONSIDERATIONS

Fund shares are not guaranteed or endorsed by any bank or other insured depository institution, and are not federally insured by the Federal Deposit Insurance Corporation. Past performance is no guarantee of future results. Fund common shares are subject to a variety of risks, including:

Investment and Market Risk. An investment in common shares is subject to investment risk, including the possible loss of the entire principal amount that you invest. Your investment in common shares represents an indirect investment in the municipal securities owned by the Fund, which generally trade in the over-the-counter markets. Your common shares at any point in time may be worth less than your original investment, even after taking into account the reinvestment of Fund dividends and distributions.

Price Risk. Shares of closed-end investment companies like these Funds frequently trade at a discount to their NAV. Your common shares at any point in time may be worth less than your original investment, even after taking into account the reinvestment of Fund dividends and distributions.

Leverage Risk. Each Fund's use of leverage creates the possibility of higher volatility for the Fund's per share NAV, market price, distributions and returns. There is no assurance that a Fund's leveraging strategy will be successful.

Tax Risk. The tax treatment of Fund distributions may be affected by new IRS interpretations of the Internal Revenue Code and future changes in tax laws and regulations.

Issuer Credit Risk. This is the risk that a security in a Fund's portfolio will fail to make dividend or interest payments when due.

Interest Rate Risk. Fixed-income securities such as bonds, preferred, convertible and other debt securities will decline in value if market interest rates rise.

Reinvestment Risk. If market interest rates decline, income earned from a Fund's portfolio may be reinvested at rates below that of the original bond that generated the income.

Call Risk or Prepayment Risk. Issuers may exercise their option to prepay principal earlier than scheduled, forcing a Fund to reinvest in lower-yielding securities.

Inverse Floater Risk. The Funds may invest in inverse floaters. Due to their leveraged nature, these investments can greatly increase a Fund's exposure to interest rate risk and credit risk. In addition, investments in inverse floaters involve the risk that the Fund could lose more than its original principal investment.

Common Share Dividend
and Price Information

DIVIDEND INFORMATION

The monthly dividends of all three Funds in this report remained stable throughout the six-month reporting period ended April 30, 2012.

All of the Funds in this report seek to pay stable dividends at rates that reflect each Fund's past results and projected future performance. During certain periods, each Fund may pay dividends at a rate that may be more or less than the amount of net investment income actually earned by the Fund during the period. If a Fund has cumulatively earned more than it has paid in dividends, it holds the excess in reserve as undistributed net investment income (UNII) as part of the Fund's NAV. Conversely, if a Fund has cumulatively paid dividends in excess of its earnings, the excess constitutes negative UNII that is likewise reflected in the Fund's NAV. Each Fund will, over time, pay all of its net investment income as dividends to shareholders. As of April 30, 2012, all three Funds in this report had positive UNII balances, based upon our best estimate, for tax purposes and positive UNII balances for financial reporting purposes.

COMMON SHARE REPURCHASES AND PRICE INFORMATION

As of April 30, 2012, and since the inception of the Funds' repurchase programs, NPM has cumulatively repurchased and retired common shares as shown in the accompanying table. Since the inception of the Funds' repurchase programs, NPI and NPT have not repurchased any of their outstanding common shares.

Fund	Common Shares Repurchased and Retired	% of Outstanding Common Shares
NPM	422,900	0.6%

During the six-month reporting period, NPM did not repurchase any of its outstanding common shares.

As of April 30, 2012 and during the six-month reporting period, the Funds' share prices were trading at (-) discounts to their NAVs as shown in the accompanying table.

Fund	4/30/12 (-) Discount	Six-Month Average (-) Discount
NPI	(-)2.60%	(-)1.76%
NPM	(-)3.09%	(-)2.54%
NPT	(-)1.43%	(-)1.43%

Nuveen Investments

11

NPI
Performance
OVERVIEW

Nuveen Premium
Income Municipal
Fund, Inc.

as of April 30, 2012

Fund Snapshot

Common Share Price	\$	14.59
Common Share Net Asset Value (NAV)	\$	14.98
Premium/(Discount) to NAV		-2.60%
Market Yield		6.29%
Taxable-Equivalent Yield ¹		8.74%
Net Assets Applicable to Common Shares (\$000)	\$	957,995

Leverage

Regulatory Leverage	29.58%
Effective Leverage	36.37%

Average Annual Total Returns
(Inception 7/18/88)

	On Share Price	On NAV
6-Month (Cumulative)	11.04%	9.68%
1-Year	22.30%	20.80%
5-Year	6.83%	5.81%
10-Year	6.79%	6.18%

States³

(as a % of total investments)

California	15.2%
Texas	9.7%
New York	9.5%
Illinois	8.4%
New Jersey	5.3%
Florida	4.8%
Louisiana	3.2%
Alabama	3.2%
Pennsylvania	3.1%
Minnesota	3.1%
Massachusetts	3.0%
South Carolina	3.0%
Wisconsin	2.5%
Michigan	2.5%
Washington	2.0%
Oklahoma	1.7%
Other	19.8%

Portfolio Composition³

(as a % of total investments)

Health Care	18.0%
-------------	-------

Tax Obligation/Limited	17.8%
Transportation	14.9%
U.S. Guaranteed	13.3%
Tax Obligation/General	11.7%
Water and Sewer	6.3%
Utilities	5.6%
Other	12.4%

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this Fund's Performance Overview page.

- 1 Taxable-Equivalent Yield represents the yield that must be earned on a fully taxable investment in order to equal the yield of the Fund on an after-tax basis. It is based on a federal income tax rate of 28%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.
- 2 Ratings shown are the highest rating given by one of the following national rating agencies: Standard & Poor's Group, Moody's Investors Service, Inc. or Fitch, Inc. Credit ratings are subject to change. AAA, AA, A, and BBB are investment grade ratings; BB, B, CCC, CC, C and D are below-investment grade ratings. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities. Holdings designated N/R are not rated by a national rating agency.
- 3 Holdings are subject to change.

12 Nuveen Investments

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

NPM Nuveen Premium
 Performance Income Municipal
 OVERVIEW Fund 2, Inc.

as of April 30, 2012

Fund Snapshot

Common Share Price	\$	15.07
Common Share Net Asset Value (NAV)	\$	15.55
Premium/(Discount) to NAV		-3.09%
Market Yield		6.33%
Taxable-Equivalent Yield ¹		8.79%
Net Assets Applicable to Common Shares (\$000)	\$	1,099,329

Leverage

Regulatory Leverage	30.81%
Effective Leverage	36.92%

Average Annual Total Returns
 (Inception 7/23/92)

	On Share Price	On NAV
6-Month (Cumulative)	9.00%	9.05%
1-Year	23.05%	19.24%
5-Year	7.28%	6.27%
10-Year	7.05%	6.54%

States⁴

(as a % of total investments)

Florida ²	24.9%
California	9.6%
Illinois	9.2%
Texas	5.2%
Washington	5.2%
New York	4.6%
Nevada	4.5%
New Jersey	3.6%
Massachusetts	3.4%
Michigan	3.3%
Louisiana	3.3%
South Carolina	3.0%
Alabama	2.1%
Other	18.1%

Portfolio Composition⁴

(as a % of total investments)

Tax Obligation/Limited	19.3%
Health Care	17.5%
U.S. Guaranteed	15.6%
Tax Obligation/General	14.6%

Transportation	10.5%
Water and Sewer	7.0%
Education and Civic Organizations	4.8%
Other	10.7%

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this Fund's Performance Overview page.

- 1 Taxable-Equivalent Yield represents the yield that must be earned on a fully taxable investment in order to equal the yield of the Fund on an after-tax basis. It is based on a federal income tax rate of 28%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.
- 2 As noted in previous shareholder reports percentage includes assets acquired in the Reorganization of Nuveen Florida Investment Quality Municipal Fund (NQF) and Nuveen Florida Quality Income Municipal Fund (NUF).
- 3 Ratings shown are the highest rating given by one of the following national rating agencies: Standard & Poor's Group, Moody's Investors Service, Inc. or Fitch, Inc. Credit ratings are subject to change. AAA, AA, A, and BBB are investment grade ratings; BB, B, CCC, CC, C and D are below-investment grade ratings. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities. Holdings designated N/R are not rated by a national rating agency.
- 4 Holdings are subject to change.

Nuveen Investments

13

NPT
Performance
OVERVIEW

Nuveen Premium
Income Municipal
Fund 4, Inc.

as of April 30, 2012

Fund Snapshot

Common Share Price	\$	13.80
Common Share Net Asset Value (NAV)	\$	14.00
Premium/(Discount) to NAV		-1.43%
Market Yield		6.17%
Taxable-Equivalent Yield ¹		8.57%
Net Assets Applicable to Common Shares (\$000)	\$	605,953

Leverage

Regulatory Leverage	30.20%
Effective Leverage	36.25%

Average Annual Total Returns
(Inception 2/19/93)

	On Share Price	On NAV
6-Month (Cumulative)	11.59%	10.49%
1-Year	27.82%	23.35%
5-Year	7.69%	6.70%
10-Year	7.04%	6.47%

States³

(as a % of total investments)

California	15.3%
Texas	12.7%
Illinois	11.9%
Florida	5.2%
Colorado	3.6%
Louisiana	3.2%
Michigan	3.0%
New York	2.8%
Alabama	2.6%
Georgia	2.5%
Indiana	2.4%
New Jersey	2.4%
Ohio	2.2%
Pennsylvania	2.2%
Puerto Rico	2.1%
Washington	2.0%
South Carolina	1.8%
Rhode Island	1.7%
Arizona	1.6%
Other	18.8%

Portfolio Composition³
(as a % of total investments)

Health Care	22.5%
Tax Obligation/Limited	15.6%
Tax Obligation/General	14.0%
U.S. Guaranteed	13.7%
Transportation	7.9%
Utilities	7.1%
Water and Sewer	6.6%
Other	12.6%

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this Fund's Performance Overview page.

- 1 Taxable-Equivalent Yield represents the yield that must be earned on a fully taxable investment in order to equal the yield of the Fund on an after-tax basis. It is based on a federal income tax rate of 28%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.
- 2 Ratings shown are the highest rating given by one of the following national rating agencies: Standard & Poor's Group, Moody's Investors Service, Inc. or Fitch, Inc. Credit ratings are subject to change. AAA, AA, A, and BBB are investment grade ratings; BB, B, CCC, CC, C and D are below-investment grade ratings. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities. Holdings designated N/R are not rated by a national rating agency.
- 3 Holdings are subject to change.

14 Nuveen Investments

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

NPI Nuveen Premium Income Municipal Fund, Inc.
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Alabama – 4.7% (3.2% of Total Investments)			
\$ 4,050	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2000, 6.125%, 12/01/16 (Pre-refunded 6/01/12)	6/12 at 100.00	A (4)	\$ 4,070,615
	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2:			
1,435	5.000%, 11/15/36 (UB)	11/16 at 100.00	AA+	1,501,613
4,000	5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+	4,197,600
6,000	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006D, 5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+	6,281,100
	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A:			
6,000	5.250%, 11/15/20	11/15 at 100.00	Baa2	6,235,200
1,300	5.000%, 11/15/30	11/15 at 100.00	Baa2	1,295,307
12,000	Birmingham Waterworks and Sewerage Board, Alabama, Water and Sewerage Revenue Bonds, Series 2007A, 4.500%, 1/01/43 – BHAC Insured	1/17 at 100.00	AA+	12,214,320
2,890	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	2,926,038
5,020	DCH Health Care Authority, Alabama, Healthcare Facilities Revenue Bonds, Series 2002, 5.250%, 6/01/18	6/12 at 101.00	A	5,081,294
1,000	Montgomery BMC Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Medical Center, Series 2004C, 5.250%, 11/15/29 (Pre-refunded 11/15/14)	11/14 at 100.00	A3 (4)	1,118,870
43,695	Total Alabama			44,921,957
	Alaska – 1.4% (0.9% of Total Investments)			
	Anchorage, Alaska, General Obligation Refunding Bonds, Series 2003A:			
2,000	5.250%, 9/01/17 (Pre-refunded 9/01/13) – FGIC Insured	9/13 at 100.00	AA+ (4)	2,133,080
2,035			AA+ (4)	2,170,409

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

	5.250%, 9/01/18 (Pre-refunded 9/01/13) – FGIC Insured	9/13 at 100.00		
10,500	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	6/14 at 100.00	BB–	9,020,235
14,535	Total Alaska			13,323,724
	Arizona – 2.1% (1.4% of Total Investments)			
	Glendale Industrial Development Authority, Arizona, Revenue Bonds, John C. Lincoln Health Network, Series 2005B:			
500	5.250%, 12/01/24	12/15 at 100.00	BBB	515,225
660	5.250%, 12/01/25	12/15 at 100.00	BBB	677,272
9,720	Phoenix Civic Improvement Corporation, Arizona, Junior Lien Airport Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+	10,408,662
4,100	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–	4,165,395
4,130	University of Arizona, Certificates of Participation, Series 2002B, 5.125%, 6/01/18 – AMBAC Insured	6/12 at 100.00	AA–	4,144,331
19,110	Total Arizona			19,910,885
	Arkansas – 0.2% (0.1% of Total Investments)			
2,000	Washington County, Arkansas, Hospital Revenue Bonds, Washington Regional Medical Center, Series 2005B, 5.000%, 2/01/25	2/15 at 100.00	Baa1	2,065,800
	California – 22.6% (15.2% of Total Investments)			
9,200	Alameda Corridor Transportation Authority, California, Subordinate Lien Revenue Bonds, Series 2004A, 0.000%, 10/01/20 – AMBAC Insured	No Opt. Call	BBB+	6,136,492
10,000	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	9,969,400
5,400	California Educational Facilities Authority, Revenue Bonds, University of Southern California, Series 2005, 4.750%, 10/01/28 (UB)	10/15 at 100.00	Aa1	5,696,730
1,500	California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006, 5.000%, 11/01/30	11/15 at 100.00	A2	1,559,265

Nuveen Investments

15

Nuveen Premium Income Municipal Fund, Inc. (continued)				
Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
California (continued)				
	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A:			
\$ 3,730	5.000%, 3/01/28	3/13 at 100.00	A	\$ 3,757,863
7,000	5.000%, 3/01/33	3/13 at 100.00	A	7,042,000
5,425	California Health Facilities Financing Authority, Revenue Bonds, Catholic Healthcare West, Series 2004I, 4.950%, 7/01/26 (Mandatory put 7/01/14)	No Opt. Call	A+	5,838,060
8,560	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100.00	AAA	8,985,518
8,570	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	8,851,096
4,250	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2009B, 5.500%, 10/01/39	10/19 at 100.00	AA	4,764,208
3,015	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA-	3,124,445
9,355	California State Public Works Board, Lease Revenue Bonds, Department of Corrections, Series 1993E, 5.500%, 6/01/15	No Opt. Call	A2	9,827,615
1,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 6.000%, 3/01/35	3/20 at 100.00	A2	1,146,740
	California State, General Obligation Bonds, Series 2004:			
1,160	5.125%, 2/01/25	2/14 at 100.00	A1	1,225,517
10,000	5.125%, 2/01/26	2/14 at 100.00	A1	10,505,400
2,610	California Statewide Communities Development Authority, Revenue Bonds, Kaiser Permanente, Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	A+	2,792,100
	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A:			

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

1,640	5.250%, 7/01/30		7/15 at 100.00	BBB	1,662,550
4,730	5.000%, 7/01/39		7/15 at 100.00	BBB	4,726,169
5,000	California Statewide Community Development Authority, Revenue Bonds, St. Joseph Health System, Series 2007A, 5.750%, 7/01/47 – FGIC Insured		7/18 at 100.00	AA–	5,377,100
7,130	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.558%, 5/15/14 (IF)	No Opt. Call		AA–	9,792,841
3,130	California, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14	No Opt. Call		Aa3	3,447,163
905	California, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14 (ETM)	No Opt. Call		Aaa	1,002,731
3,575	Chula Vista, California, Industrial Development Revenue Bonds, San Diego Gas and Electric Company, Series 1996A, 5.300%, 7/01/21		6/14 at 102.00	A+	3,804,730
4,890	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Series 2006B, 0.000%, 8/01/26 – NPMFG Insured	No Opt. Call		AA+	2,591,504
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:				
7,200	5.000%, 6/01/33		6/17 at 100.00	BB–	5,684,472
2,000	5.750%, 6/01/47		6/17 at 100.00	BB–	1,648,080
3,000	5.125%, 6/01/47		6/17 at 100.00	BB–	2,231,430
5,000	Kern Community College District, California, General Obligation Bonds, Series 2006, 0.000%, 11/01/24 – AGM Insured	No Opt. Call		Aa2	3,044,350
15,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2011A, 5.000%, 7/01/41		1/21 at 100.00	AA	16,592,400
590	Martinez, California, Home Mortgage Revenue Bonds, Series 1983A, 10.750%, 2/01/16 (ETM)	No Opt. Call		Aaa	706,737
15,370	Pomona, California, GNMA/FNMA Collateralized Securities Program Single Family Mortgage Revenue Bonds, Series 1990A, 7.600%, 5/01/23 (ETM)	No Opt. Call		Aaa	20,473,897
5,000	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Series 2004, 5.875%, 7/01/26 (Pre-refunded 7/01/14)		7/14 at 100.00	Baa2 (4)	5,601,700
2,000	Redwood City School District, San Mateo County, California, General Obligation Bonds, Series 2002, 5.000%, 7/15/27 – FGIC Insured		7/12 at 100.00	A+	2,014,780
2,570	Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2003R, 5.000%,		8/13 at 100.00	A1 (4)	2,727,156

16 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	California (continued)			
\$ 1,130	Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2003R, 5.000%, 8/15/22 – NPFPG Insured	8/13 at 100.00	A+	\$ 1,184,929
	San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006:			
400	5.000%, 9/01/21	9/15 at 102.00	Baa3	415,716
445	5.000%, 9/01/23	9/15 at 102.00	Baa3	455,422
3,500	San Diego Unified Port District, California, Revenue Bonds, Series 2004B, 5.000%, 9/01/29 – NPFPG Insured	9/14 at 100.00	A+	3,631,355
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:			
10,450	0.000%, 1/15/31 – NPFPG Insured	No Opt. Call	BBB	3,107,412
7,150	0.000%, 1/15/32 – NPFPG Insured	No Opt. Call	BBB	1,962,103
50,400	0.000%, 1/15/34 – NPFPG Insured	No Opt. Call	BBB	12,137,328
24,025	0.000%, 1/15/36 – NPFPG Insured	No Opt. Call	BBB	5,013,297
	Union City Community Redevelopment Agency, California, Tax Allocation Revenue Bonds, Redevelopment Project, Subordinate Lien Series 2011:			
1,000	6.500%, 12/01/24	12/21 at 100.00	A	1,149,670
1,000	6.625%, 12/01/25	12/21 at 100.00	A	1,149,310
1,325	6.750%, 12/01/26	12/21 at 100.00	A	1,545,215
280,330	Total California			216,103,996
	Colorado – 1.9% (1.3% of Total Investments)			
2,500	Centennial Water and Sanitation District, Colorado, Water and Sewerage Revenue Bonds, Series 2004, 5.000%, 12/01/21 – FGIC Insured	12/14 at 100.00	AA+	2,730,450
690	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Bromley School, Series 2005, 5.125%, 9/15/20 – SYNCORA GTY Insured	9/15 at 100.00	A	731,510
2,125	Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005, 5.000%, 6/01/29	6/16 at 100.00	A–	2,154,283
1,000	Colorado Health Facilities Authority, Revenue Bonds, Parkview Medical Center, Series 2004, 5.000%, 9/01/25	9/14 at 100.00	A3	1,012,990

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

800	Colorado Health Facilities Authority, Revenue Bonds, Poudre Valley Health Care, Series 2005F, 5.000%, 3/01/25	3/15 at 100.00	A	825,696
225	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 2000B-2, 7.250%, 10/01/31 (Alternative Minimum Tax)	10/12 at 104.50	AA	231,631
3,220	Denver City and County, Colorado, Airport System No Opt. Call Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)		A+	3,406,599
20,500	E-470 Public Highway Authority, Colorado, Senior No Opt. Call Revenue Bonds, Series 2000B, 0.000%, 9/01/32 – NPMFG Insured		BBB	6,415,475
250	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010, 6.000%, 1/15/41	7/20 at 100.00	Baa3	274,310
31,310	Total Colorado Connecticut – 0.5% (0.3% of Total Investments)			17,782,944
1,930	Connecticut, General Obligation Bonds, Series 2001C, 5.500%, 12/15/16	No Opt. Call	AA	2,336,053
2,310	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A, 5.000%, 11/15/30 – NPMFG Insured	11/15 at 100.00	A1	2,538,644
4,240	Total Connecticut Delaware – 0.1% (0.1% of Total Investments)			4,874,697
1,000	Delaware Health Facilities Authority, Revenue Bonds, Christiana Care Health Services Inc., Series 2010A, 5.000%, 10/01/40 – NPMFG Insured	10/20 at 100.00	AA	1,087,620
	District of Columbia – 2.3% (1.6% of Total Investments)			
3,960	District of Columbia Housing Finance Agency, GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 1988E-4, 6.375%, 6/01/26 (Alternative Minimum Tax)	6/12 at 100.00	AA+	3,967,286
9,505	District of Columbia, General Obligation Bonds, Series 1998B, 6.000%, 6/01/20 – NPMFG Insured	No Opt. Call	Aa2	12,300,040
2,130	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1606, 11.096%, 10/01/30 – AMBAC Insured (IF)	10/16 at 100.00	AA+	2,364,151

Nuveen Investments

17

NPI Nuveen Premium Income Municipal Fund, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	District of Columbia (continued)			
\$ 3,335	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1730, 11.092%, 10/01/30 – AMBAC Insured (IF)	10/16 at 100.00	AA+	\$ 3,701,483
18,930	Total District of Columbia			22,332,960
	Florida – 7.1% (4.8% of Total Investments)			
2,875	Brevard County Health Facilities Authority, Florida, Revenue Bonds, Health First Inc. Project, Series 2005, 5.000%, 4/01/24	4/16 at 100.00	A–	2,999,229
2,000	Florida Ports Financing Commission, Revenue Bonds, State Transportation Trust Fund, Refunding Series 2011B, 5.375%, 10/01/29 (Alternative Minimum Tax)	10/21 at 100.00	AA+	2,234,800
8,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.375%, 10/01/16 – NPFG Insured (Alternative Minimum Tax)	10/13 at 100.00	A+	8,452,880
5,400	Hillsborough County Industrial Development Authority, Florida, Exempt Facilities Remarketed Revenue Bonds, National Gypsum Company, Apollo Beach Project, Series 2000B, 7.125%, 4/01/30 (Alternative Minimum Tax)	10/12 at 100.00	N/R	5,366,628
8,000	JEA, Florida, Water and Sewer System Revenue Bonds, Series 2010D, 5.000%, 10/01/39	4/20 at 100.00	AA	8,797,360
19,750	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Bonds, Series 2006, 4.500%, 7/01/33 – AMBAC Insured	7/16 at 100.00	A	20,136,113
7,575	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010B, 5.000%, 10/01/41	10/20 at 100.00	A2	8,069,875
6,910	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB)	8/17 at 100.00	AA	7,191,030
1,785	Tallahassee, Florida, Energy System Revenue Bonds, Series 2005, 5.000%, 10/01/28 – NPFG Insured	10/15 at 100.00	AA	1,951,505
2,375	Volusia County School Board, Florida, Certificates of Participation, Series 2005B, 5.000%, 8/01/22 – AGM Insured	8/15 at 100.00	Aa3	2,513,724

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

64,670	Total Florida				67,713,144
	Georgia – 1.6% (1.1% of Total Investments)				
2,625	Fulton County Development Authority, Georgia, Revenue Bonds, Georgia Tech Molecular Science Building, Series 2004, 5.250%, 5/01/24 – NPMG Insured	5/14 at 100.00	Aa3		2,801,558
6,025	Fulton-DeKalb Hospital Authority, Georgia, Revenue Refunding Certificates, Series 2003, 5.250%, 1/01/20 – AGM Insured	1/14 at 100.00	Aa2		6,345,289
5,010	Metropolitan Atlanta Rapid Transit Authority, Georgia, Sales Tax Revenue Refunding Bonds, Series 1992P, 6.250%, 7/01/20 – AMBAC Insured	No Opt. Call	Aa2		5,940,608
13,660	Total Georgia				15,087,455
	Hawaii – 1.1% (0.8% of Total Investments)				
5,000	Hawaii State, General Obligation Bonds, Series 2003DA, 5.250%, 9/01/21 – NPMG Insured	9/13 at 100.00	AA		5,293,100
5,000	Hawaii State, General Obligation Bonds, Series 2003DA, 5.250%, 9/01/21 (Pre-refunded 9/01/13) – NPMG Insured	9/13 at 100.00	Aa2 (4)		5,331,300
10,000	Total Hawaii				10,624,400
	Idaho – 0.3% (0.2% of Total Investments)				
	Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial Hospital, Series 2006:				
2,185	5.250%, 9/01/30	9/16 at 100.00	BB+		2,155,743
600	5.250%, 9/01/37	9/16 at 100.00	BB+		576,804
2,785	Total Idaho				2,732,547
	Illinois – 12.4% (8.4% of Total Investments)				
	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1:				
8,890	0.000%, 12/01/16 – FGIC Insured	No Opt. Call	AA–		8,096,123
10,000	0.000%, 12/01/20 – FGIC Insured	No Opt. Call	AA–		7,624,400
10,130	0.000%, 12/01/24 – FGIC Insured	No Opt. Call	AA–		6,016,916
	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A:				
15,000	0.000%, 12/01/21 – FGIC Insured	No Opt. Call	AA–		10,717,350
10,000	0.000%, 12/01/23 – FGIC Insured	No Opt. Call	AA–		6,354,500

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Illinois (continued)				
\$ 3,800	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	\$ 4,221,344
2,630	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.000%, 1/01/41	1/22 at 100.00	AAA	2,866,569
13,310	Cook County, Illinois, General Obligation Bonds, Refunding Series 2010A, 5.250%, 11/15/33	11/20 at 100.00	AA	14,559,010
8,810	Illinois Development Finance Authority, Pollution Control Revenue Refunding Bonds, Illinois Power Company, Series 1994A, 5.700%, 2/01/24 – NPPG Insured	8/12 at 100.00	Baa1	8,822,510
Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2004:				
1,050	5.250%, 11/15/22	5/14 at 100.00	A	1,085,238
3,000	5.250%, 11/15/23	5/14 at 100.00	A	3,091,830
985	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100.00	BB+	912,494
2,880	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	3,649,824
1,970	Illinois Finance Authority, Revenue Bonds, The University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	Aa1	2,132,131
10,230	Illinois Health Facilities Authority, Revenue Bonds, Sherman Health Systems, Series 1997, 5.250%, 8/01/27 – AMBAC Insured	8/12 at 100.00	BBB	10,235,422
1,000	Lombard Public Facilities Corporation, Illinois, Second Tier Conference Center and Hotel Revenue Bonds, Series 2005B, 5.250%, 1/01/30	1/16 at 100.00	CCC	662,330
10,000	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A, 5.500%, 6/15/50	6/20 at 100.00	AAA	10,875,800
6,450	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1993A, 0.000%, 6/15/15 – FGIC Insured	No Opt. Call	A3	6,055,647
3,590	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1993A, 0.000%, 6/15/15 – FGIC Insured (ETM)	No Opt. Call	A3 (4)	3,507,215
3,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Hospitality Facility, Series 1996A, 7.000%, 7/01/26	No Opt. Call	Aaa	4,298,070

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

	(ETM)			
3,000	Upper Illinois River Valley Development Authority, Healthcare Facilities Revenue Bonds, Morris Hospital, Series 2001, 6.625%, 12/01/31	6/12 at 101.00	BBB+	3,034,560
129,725	Total Illinois			118,819,283
	Indiana – 0.5% (0.3% of Total Investments)			
2,005	Hamilton County Public Building Corporation, Indiana, First Mortgage Bonds, Series 2004, 5.000%, 8/01/22 – AGM Insured	8/14 at 100.00	Aaa	2,188,838
2,500	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2010B., 5.000%, 12/01/37	12/20 at 100.00	AA	2,658,575
4,505	Total Indiana			4,847,413
	Iowa – 1.3% (0.9% of Total Investments)			
2,520	Iowa Finance Authority, Industrial Remarketed Revenue Refunding Bonds, Urbandale Hotel Corporation, Series 1989A, 8.500%, 8/01/16 (Alternative Minimum Tax) (ETM)	No Opt. Call	AA+ (4)	2,930,508
	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C:			
10,000	5.500%, 6/01/42	6/15 at 100.00	B+	8,169,400
2,000	5.625%, 6/01/46	6/15 at 100.00	B+	1,631,540
14,520	Total Iowa			12,731,448
	Kansas – 0.7% (0.5% of Total Investments)			
6,000	Kansas Department of Transportation, Highway Revenue Bonds, Series 2004A, 5.000%, 3/01/21 (UB)	3/14 at 100.00	AAA	6,439,500
	Kentucky – 2.0% (1.3% of Total Investments)			
3,800	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.500%, 3/01/45	6/20 at 100.00	BBB+	4,381,172
9,195	Lexington-Fayette Urban County Government Public Facilities Corporation, Kentucky State Lease Revenue Bonds, Eastern State Hospital Project, Series 2011A, 5.250%, 6/01/30	6/21 at 100.00	Aa3	10,418,763

Nuveen Investments

19

NPI Nuveen Premium Income Municipal Fund, Inc. (continued)				
Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal		Optional		
Amount (000)	Description (1)	Call	Ratings (3)	Value
		Provisions		
		(2)		
Kentucky (continued)				
Marshall County School District Finance Corporation, Kentucky, School Building Revenue Bonds, Series 2004:				
\$ 1,210	5.000%, 6/01/19 (Pre-refunded 6/01/14) – AMBAC Insured	6/14 at 100.00	Aa3 (4)	\$ 1,327,164
1,270	5.000%, 6/01/20 (Pre-refunded 6/01/14) – AMBAC Insured	6/14 at 100.00	Aa3 (4)	1,392,974
1,335	5.000%, 6/01/21 (Pre-refunded 6/01/14) – AMBAC Insured	6/14 at 100.00	Aa3 (4)	1,464,268
16,810	Total Kentucky			18,984,341
Louisiana – 4.7% (3.2% of Total Investments)				
2,915	Jefferson Sales Tax District, Jefferson Parish, Louisiana, Special Sales Tax Revenue Refunding Bonds, Series 2002, 5.250%, 12/01/19 (Pre-refunded 12/01/12) – AMBAC Insured	12/12 at 100.00	A+ (4)	3,001,401
Louisiana Public Facilities Authority, Extended Care Facilities Revenue Bonds, Comm-Care Corporation Project, Series 1994:				
215	11.000%, 2/01/14 (ETM)	No Opt. Call	N/R (4)	240,379
1,995	11.000%, 2/01/14 (ETM)	No Opt. Call	N/R (4)	2,229,472
2,000	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31	8/15 at 100.00	A+	2,050,500
5,800	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	5,948,944
4,305	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2011, 6.750%, 5/15/41	5/21 at 100.00	Baa1	4,998,837
Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2005A:				
1,200	5.000%, 5/01/25 – FGIC Insured	5/15 at 100.00	Aa1	1,313,928
2,210	5.000%, 5/01/26 – FGIC Insured	5/15 at 100.00	Aa1	2,419,817
2,500	5.000%, 5/01/27 – FGIC Insured	5/15 at 100.00	Aa1	2,712,800

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

Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:				
930	4.750%, 5/01/39 – AGM Insured (UB)	5/16 at 100.00	Aa1	966,196
10,105	4.500%, 5/01/41 – FGIC Insured (UB)	5/16 at 100.00	Aa1	10,333,373
Tobacco Settlement Financing Corporation, Louisiana, Tobacco Settlement Asset-Backed Bonds, Series 2001B:				
350	5.500%, 5/15/30	5/12 at 100.00	A1	352,555
8,785	5.875%, 5/15/39	5/12 at 100.00	A–	8,820,316
43,310	Total Louisiana			45,388,518
Maryland – 1.2% (0.8% of Total Investments)				
2,200	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/27 – SYNCORA GTY Insured	9/16 at 100.00	BB+	2,178,154
450	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Center, Series 2011, 6.000%, 7/01/25	7/21 at 100.00	BBB	529,070
2,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Washington County Hospital, Series 2008, 5.750%, 1/01/33	1/18 at 100.00	BBB	2,112,980
3,445	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 – NPFG Insured	7/16 at 100.00	BBB	3,543,803
2,995	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.200%, 7/01/30 (Alternative Minimum Tax)	7/12 at 100.00	Aaa	2,999,253
11,090	Total Maryland			11,363,260
Massachusetts – 4.5% (3.0% of Total Investments)				
2,025	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,202,431
2,825	Massachusetts Industrial Finance Agency, Resource Recovery Revenue Refunding Bonds, Ogden Haverhill Project, Series 1998A, 5.450%, 12/01/12 (Alternative Minimum Tax)	6/12 at 100.00	A–	2,827,825
700	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A	759,073
3,820	Massachusetts State, Special Obligation Dedicated Tax Revenue Bonds, Series 2004, 5.250%, 1/01/24 (Pre-refunded 1/01/14) – FGIC Insured	1/14 at 100.00	A1 (4)	4,132,285
13,000	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 2006, 4.375%, 8/01/36 (UB)	8/16 at 100.00	AAA	13,531,310

20 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Massachusetts (continued)			
\$ 5,960	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.250%, 8/01/25 – NPFG Insured	8/17 at 100.00	AA+	\$ 6,929,156
5,535	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB) (5)	2/17 at 100.00	AA+	5,699,057
6,700	Metropolitan Boston Transit Parking Corporation, Massachusetts, Systemwide Senior Lien Parking Revenue Bonds, Series 2011, 5.000%, 7/01/41	7/21 at 100.00	A+	7,175,164
40,565	Total Massachusetts			43,256,301
	Michigan – 3.6% (2.5% of Total Investments)			
	Detroit, Michigan, General Obligation Bonds, Series 2003A:			
3,565	5.250%, 4/01/22 – SYNCORA GTY Insured	4/13 at 100.00	BB	3,218,518
1,275	5.250%, 4/01/23 – SYNCORA GTY Insured	4/13 at 100.00	BB	1,142,477
3,000	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100.00	BB+	3,073,440
3,580	Lansing Board of Water and Light, Michigan, Utility System Revenue Bonds Series 2011A, 5.500%, 7/01/41	7/21 at 100.00	AA–	4,144,888
10,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/23 – NPFG Insured	10/13 at 100.00	Aa3	10,577,900
1,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2011-I-A, 5.375%, 10/15/41	10/21 at 100.00	Aa3	1,121,180
	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A:			
725	5.000%, 12/01/31 (Pre-refunded 12/01/16) (UB)	12/16 at 100.00	N/R (4)	860,945
3,275	5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	3,428,336
850	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100.00	BBB	858,458
6,390	Wayne County, Michigan, Airport Revenue Bonds, Detroit Metropolitan Airport, Series 2002D, 5.500%, 12/01/19 – FGIC Insured (Alternative Minimum Tax)	12/12 at 100.00	A2	6,464,507
33,660	Total Michigan			34,890,649

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

Minnesota – 4.6% (3.1% of Total Investments)				
13,650	Cohasset, Minnesota, Pollution Control Revenue Bonds, Allete Inc., Series 2004, 4.950%, 7/01/22	7/14 at 100.00	A2	14,205,692
2,000	Duluth Economic Development Authority, Minnesota, Healthcare Facilities Revenue Bonds, Benedictine Health System – St. Mary’s Duluth Clinic, Series 2004, 5.375%, 2/15/22 (Pre-refunded 2/15/14)	2/14 at 100.00	N/R (4)	2,175,740
Eden Prairie, Minnesota, GNMA Collateralized Multifamily Housing Revenue Bonds, Rolling Hills Project, Series 2001A:				
1,000	6.150%, 8/20/31	8/12 at 104.00	Aa1	1,051,570
2,000	6.200%, 2/20/43	8/12 at 104.00	Aa1	2,102,600
3,000	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Senior Lien Series 2010A, 5.000%, 1/01/35	1/20 at 100.00	AA–	3,307,680
90	Minnesota Agricultural and Economic Development Board, Healthcare System Revenue Bonds, Fairview Hospital and Healthcare Services, Series 1997A, 5.750%, 11/15/26 – NPMFG Insured	11/12 at 100.00	A	90,127
1,500	Minnesota Municipal Power Agency, Electric Revenue Bonds, Series 2004A, 5.250%, 10/01/24	10/14 at 100.00	A3	1,639,155
1,545	St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, Healeast Inc., Series 2005, 6.000%, 11/15/25	11/15 at 100.00	BBB–	1,588,492
14,625	St. Paul Housing and Redevelopment Authority, Minnesota, Sales Tax Revenue Refunding Bonds, Civic Center Project, Series 1996, 7.100%, 11/01/23 – AGM Insured	11/15 at 103.00	AA–	17,552,048
39,410	Total Minnesota			43,713,104
Mississippi – 0.7% (0.5% of Total Investments)				
6,875	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	7,183,481
Missouri – 0.6% (0.4% of Total Investments)				
2,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior Services – Heisinger Project, Series 2004, 5.250%, 2/01/24	2/14 at 100.00	BBB+	2,030,000

NPI Nuveen Premium Income Municipal Fund, Inc. (continued)				
Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal		Optional		
Amount (000)	Description (1)	Call	Ratings (3)	Value
		Provisions		
		(2)		
	Missouri (continued)			
\$ 500	Hannibal Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Hannibal Regional Hospital, Series 2006, 5.000%, 3/01/22	3/16 at 100.00	BBB+	\$ 516,820
	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A:			
1,565	6.000%, 6/01/20	No Opt. Call	A	1,785,055
1,660	5.000%, 6/01/35	6/15 at 100.00	A	1,700,172
5,725	Total Missouri			6,032,047
	Nebraska – 0.3% (0.2% of Total Investments)			
1,620	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Series 2006A, 19.731%, 8/01/40 – AMBAC Insured (IF)	2/17 at 100.00	AA+	2,703,197
	Nevada – 2.4% (1.6% of Total Investments)			
10,410	Clark County School District, Nevada, General Obligation Bonds, Series 2002C, 5.500%, 6/15/18 (Pre-refunded 6/15/12) – NPMFG Insured	6/12 at 100.00	AA (4)	10,479,227
8,800	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	Aa3	9,841,832
2,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB–	2,955,096
21,910	Total Nevada			23,276,155
	New Hampshire – 0.0% (0.0% of Total Investments)			
340	New Hampshire Housing Finance Authority, Single Family Mortgage Acquisition Revenue Bonds, Series 1996B, 6.400%, 1/01/27 (Alternative Minimum Tax)	7/12 at 100.00	Aa3	340,578
	New Jersey – 7.9% (5.3% of Total Investments)			
10,150	Delaware River Port Authority, Pennsylvania and New Jersey, Revenue Bonds, Port District Project, Series 1999B, 5.625%, 1/01/26 – AGM Insured	7/12 at 100.00	AA–	10,170,199
275	Middlesex County Improvement Authority, New Jersey, Senior Revenue Bonds, Heldrich Center Hotel/Conference Center Project, Series 2005A, 5.000%, 1/01/15	No Opt. Call	B3	174,721

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

	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005P:				
3,655	5.250%, 9/01/24		9/15 at 100.00	A+	4,030,442
2,000	5.250%, 9/01/26		9/15 at 100.00	A+	2,207,480
300	New Jersey Educational Facilities Authority, Revenue Refunding Bonds, University of Medicine and Dentistry of New Jersey, Series 2009B, 7.500%, 12/01/32		6/19 at 100.00	A-	364,323
800	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37		7/18 at 100.00	BBB-	841,200
3,850	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call		A+	4,714,287
	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2003C:				
5,410	5.500%, 6/15/20 (Pre-refunded 6/15/13)		6/13 at 100.00	Aaa	5,728,379
9,250	5.500%, 6/15/23 (Pre-refunded 6/15/13)		6/13 at 100.00	Aaa	9,794,363
7,330	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2011B, 5.500%, 6/15/31		6/21 at 100.00	A+	8,494,297
	New Jersey Turnpike Authority, Revenue Bonds, Series 2000A:				
3,915	6.000%, 1/01/14 – NPMG Insured (ETM)	No Opt. Call		A+ (4)	4,287,356
7,585	6.000%, 1/01/14 – NPMG Insured (ETM)	No Opt. Call		A+ (4)	8,306,409
2,500	New Jersey Turnpike Authority, Revenue Bonds, Series 2003A, 5.000%, 1/01/19 – FGIC Insured		7/13 at 100.00	A+	2,622,700
9,130	New Jersey Turnpike Authority, Revenue Bonds, Series 2005A, 5.000%, 1/01/25 – AGM Insured		1/15 at 100.00	AA-	9,699,712
4,535	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.500%, 6/01/23		6/17 at 100.00	B1	4,302,899
70,685	Total New Jersey				75,738,767
	New Mexico – 0.7% (0.5% of Total Investments)				
5,585	Santa Fe County, New Mexico, Correctional System Gross Receipts Tax Revenue Bonds, Series 1997, 6.000%, 2/01/27 – AGM Insured	No Opt. Call		AA-	6,952,376

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New York – 14.1% (9.5% of Total Investments)			
	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project, Series 2009:			
\$ 2,000	6.000%, 7/15/30	1/20 at 100.00	BBB–\$	2,219,540
5,000	0.000%, 7/15/44	No Opt. Call	BBB–	813,000
4,800	Dormitory Authority of the State of New York, Revenue Bonds, New York University, Series 2012A, 5.000%, 7/01/42	7/22 at 100.00	AA–	5,365,632
	Dormitory Authority of the State of New York, Revenue Bonds, University of Rochester, Series 2004A:			
1,000	5.250%, 7/01/22	7/14 at 100.00	Aa3	1,059,430
500	5.250%, 7/01/24	7/14 at 100.00	Aa3	526,510
1,025	Dormitory Authority of the State of New York, Revenue Bonds, University of Rochester, Series 2004A, 5.250%, 7/01/20 (Pre-refunded 7/01/14)	7/14 at 100.00	AA+ (4)	1,135,926
1,995	Dormitory Authority of the State of New York, State and Local Appropriation Lease Bonds, Upstate Community Colleges, Series 2004B, 5.250%, 7/01/20	7/14 at 100.00	AA–	2,146,939
5,325	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41	3/21 at 100.00	AAA	5,901,804
2,335	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Series 2005F, 5.000%, 3/15/24 – AMBAC Insured	3/15 at 100.00	AAA	2,591,079
6,915	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMF Insured	2/17 at 100.00	A	6,884,436
6,000	Liberty Development Corporation, New York, Goldman Sachs Headquarter Revenue Bonds, Series 2005, 5.250%, 10/01/35	No Opt. Call	A1	6,578,100
	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006A:			
7,000	5.000%, 12/01/23 – FGIC Insured	6/16 at 100.00	A	7,704,480
5,000	5.000%, 12/01/24 – FGIC Insured	6/16 at 100.00	A	5,458,150
5,000	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%,	11/16 at 100.00	A	5,100,400

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

	5/01/33 – NPFQ Insured			
3,900	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005B, 5.000%, 11/15/30 – AMBAC Insured	11/15 at 100.00	A	4,108,494
5,780	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005F, 5.000%, 11/15/30	11/15 at 100.00	A	6,088,999
750	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	A	808,680
3,000	Metropolitan Transportation Authority, New York, Transportation Revenue Refunding Bonds, Series 2002A, 5.125%, 11/15/21 – FGIC Insured	11/12 at 100.00	A	3,061,050
	New York City Industrial Development Agency, New York, Civic Facility Revenue Bonds, United Jewish Appeal – Federation of Jewish Philanthropies of New York Inc., Series 2004A:			
2,185	5.250%, 7/01/20	7/14 at 100.00	Aa1	2,376,122
2,050	5.250%, 7/01/21	7/14 at 100.00	Aa1	2,225,624
2,420	5.250%, 7/01/22	4/14 at 100.00	Aa1	2,622,433
1,370	5.250%, 7/01/24	4/14 at 100.00	Aa1	1,452,310
3,125	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+	3,561,594
	New York City, New York, General Obligation Bonds, Fiscal Series 2003D:			
5,325	5.250%, 10/15/22 (Pre-refunded 10/15/13)	10/13 at 100.00	Aa2 (4)	5,711,702
7,175	5.250%, 10/15/22 (Pre-refunded 10/15/13)	10/13 at 100.00	AA (4)	7,696,049
95	New York City, New York, General Obligation Bonds, Fiscal Series 2003J, 5.500%, 6/01/23	6/13 at 100.00	AA	99,863
4,905	New York City, New York, General Obligation Bonds, Fiscal Series 2003J, 5.500%, 6/01/23 (Pre-refunded 6/01/13)	6/13 at 100.00	AAA	5,185,860
7,960	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/24 (UB)	4/15 at 100.00	AA	8,730,050
6,000	New York City, New York, General Obligation Bonds, Series 2004C-1, 5.250%, 8/15/20 (UB)	8/14 at 100.00	AA	6,594,660

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

NPI Nuveen Premium Income Municipal Fund, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
New York (continued)				
	New York Convention Center Development Corporation, Hotel Unit Fee Revenue Bonds, Series 2005:			
\$ 5,000	5.000%, 11/15/44 – AMBAC Insured	11/15 at 100.00	AA+	\$ 5,246,850
1,630	16.498%, 11/15/44 – AMBAC Insured (IF)	11/15 at 100.00	AA+	1,951,892
650	New York Counties Tobacco Trust I, Tobacco Settlement Pass-Through Bonds, Series 2000B, 6.500%, 6/01/35	6/12 at 100.00	Baa1	640,036
6,460	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds, Series 2004A-1, 5.000%, 3/15/26 – FGIC Insured	3/14 at 100.00	AAA	6,918,079
4,750	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Thirty-Fifth Series 2004, 5.000%, 9/15/28 – SYNCORA GTY Insured	3/14 at 101.00	Aa2	5,087,915
1,325	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB–	1,472,579
129,750	Total New York			135,126,267
North Carolina – 1.6% (1.1% of Total Investments)				
	Charlotte, North Carolina, Certificates of Participation, Governmental Facilities Projects, Series 2003G:			
5,785	5.250%, 6/01/22 (UB)	6/13 at 100.00	AA+	6,062,275
3,475	5.250%, 6/01/23 (UB)	6/13 at 100.00	AA+	3,643,503
2,850	Charlotte-Mecklenburg Hospital Authority, North Carolina, Carolinas HealthCare System Revenue Bonds, Series 2008, Trust 1149, 14.827%, 7/15/32 (IF) (5)	1/18 at 100.00	AA–	3,219,759
1,050	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas Health Care, Series 2007A, 5.000%, 1/15/31	1/17 at 100.00	AA–	1,112,391
1,000	Gaston County Industrial Facilities and Pollution Control Financing Authority, North Carolina,	8/15 at 100.00	N/R	844,780

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

	National Gypsum Company Project Exempt Facilities Revenue Bonds, Series 2005, 5.750%, 8/01/35 (Alternative Minimum Tax)				
14,160	Total North Carolina				14,882,708
	Ohio – 1.4% (1.0% of Total Investments)				
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:				
250	5.125%, 6/01/24	6/17 at 100.00	B		204,368
2,850	5.875%, 6/01/30	6/17 at 100.00	B+		2,296,815
2,745	5.750%, 6/01/34	6/17 at 100.00	BB		2,142,143
6,285	5.875%, 6/01/47	6/17 at 100.00	BB		4,912,356
1,000	Ohio Higher Educational Facilities Commission, Revenue Bonds, University of Dayton, Refunding Series 2011A, 5.375%, 12/01/30	12/20 at 100.00	A		1,110,180
495	Ohio State University, General Receipts Bonds, Series 2003B, 5.250%, 6/01/20	6/13 at 100.00	Aa1		518,616
2,225	Ohio State University, General Receipts Bonds, Series 2003B, 5.250%, 6/01/20 (Pre-refunded 6/01/13)	6/13 at 100.00	N/R (4)		2,344,772
15,850	Total Ohio				13,529,250
	Oklahoma – 2.5% (1.7% of Total Investments)				
1,050	Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2005, 5.375%, 9/01/36	9/16 at 100.00	BB+		1,019,676
3,500	Oklahoma Capitol Improvement Authority, State Facilities Revenue Bonds, Series 2005F, 5.000%, 7/01/24 – AMBAC Insured	7/15 at 100.00	AA		3,874,850
	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007:				
6,840	5.000%, 2/15/37	2/17 at 100.00	A		7,154,914
1,335	5.000%, 2/15/42	2/17 at 100.00	A		1,390,536
10,035	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+		10,495,406
143	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2008, Trust 3500, 8.325%, 6/15/30 (IF)	12/16 at 100.00	AA+		154,928
22,903	Total Oklahoma				24,090,310

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Oregon – 0.4% (0.3% of Total Investments)				
\$ 1,060	Oregon Department of Administrative Services, Certificates of Participation, Series 2005A, 5.000%, 5/01/24 – AGM Insured	5/15 at 100.00	AA	\$ 1,130,967
2,500	Oregon State Department of Transportation, Highway User Tax Revenue Bonds, Series 2004A, 5.000%, 11/15/21 (Pre-refunded 11/15/14)	11/14 at 100.00	AAA	2,791,525
3,560	Total Oregon			3,922,492
Pennsylvania – 4.6% (3.1% of Total Investments)				
4,530	Allegheny County, Pennsylvania, General Obligation Bonds, Series 2011C-65, 5.375%, 5/01/31	5/21 at 100.00	A+	4,913,238
980	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	908,950
	Lancaster Higher Education Authority, Pennsylvania, Revenue Bonds, Franklin and Marshall College, Series 2003C:			
1,340	5.250%, 4/15/15	4/13 at 100.00	AA–	1,401,064
1,960	5.250%, 4/15/17	4/13 at 100.00	AA–	2,047,004
1,670	Montgomery County Industrial Development Authority, Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Series 2010, 5.375%, 8/01/38	8/20 at 100.00	AA	1,833,025
1,000	Pennsylvania State University, General Revenue Bonds, Series 2005, 5.000%, 9/01/29	9/15 at 100.00	Aa1	1,098,530
5,250	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Subordinate Special Revenue Bonds, Series 2010A, 0.000%, 12/01/34	12/20 at 100.00	AA	4,787,160
2,625	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2006A, 5.000%, 12/01/26 – AMBAC Insured	6/16 at 100.00	Aa3	2,933,018
Philadelphia Gas Works, Pennsylvania, Revenue Bonds, General Ordinance, Fifth Series 2004A-1:				
4,505	5.000%, 9/01/21 – AGM Insured	9/14 at 100.00	AA–	4,744,711
4,735	5.000%, 9/01/22 – AGM Insured	9/14 at 100.00	AA–	4,949,638
14,000	State Public School Building Authority, Pennsylvania, Lease Revenue Bonds, Philadelphia School District, Series 2003, 5.250%, 6/01/24 (Pre-refunded 6/01/13) – AGM Insured	6/13 at 100.00	AA+ (4)	14,753,620

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

42,595	Total Pennsylvania				44,369,958
	Puerto Rico – 0.3% (0.2% of Total Investments)				
2,500	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A, 5.250%, 8/01/57	8/17 at 100.00	Aa2		2,639,050
	Rhode Island – 0.5% (0.3% of Total Investments)				
	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A:				
1,020	6.125%, 6/01/32	6/12 at 100.00	BBB+		1,023,672
3,860	6.250%, 6/01/42	6/12 at 100.00	BBB+		3,874,629
4,880	Total Rhode Island				4,898,301
	South Carolina – 4.4% (3.0% of Total Investments)				
8,610	Dorchester County School District 2, South Carolina, Installment Purchase Revenue Bonds, GROWTH, Series 2004, 5.250%, 12/01/24	12/14 at 100.00	AA–		9,390,324
	Greenville County School District, South Carolina, Installment Purchase Revenue Bonds, Series 2003:				
5,090	5.250%, 12/01/18	12/13 at 100.00	AA		5,418,000
3,595	5.250%, 12/01/20	12/13 at 100.00	AA		3,796,859
1,865	5.250%, 12/01/21	12/13 at 100.00	AA		1,964,889
	Lexington County Health Service District, South Carolina, Hospital Revenue Bonds, Series 2004:				
1,805	6.000%, 5/01/19 (Pre-refunded 5/01/14)	5/14 at 100.00	AA– (4)		2,009,055
2,400	5.500%, 5/01/24 (Pre-refunded 5/01/14)	5/14 at 100.00	AA– (4)		2,647,368
	South Carolina JOBS Economic Development Authority, Hospital Refunding and Improvement Revenue Bonds, Palmetto Health Alliance, Series 2003C:				
13,345	6.375%, 8/01/34 (Pre-refunded 8/01/13)	8/13 at 100.00	BBB+ (4)		14,340,003
1,655	6.375%, 8/01/34 (Pre-refunded 8/01/13)	8/13 at 100.00	BBB+ (4)		1,779,489
875	South Carolina Jobs-Economic Development Authority, Hospital Revenue Bonds, Palmetto Health, Refunding Series 2011A, 6.500%, 8/01/39 – AGM Insured	8/21 at 100.00	AA–		1,029,009
39,240	Total South Carolina				42,374,996

Nuveen Premium Income Municipal Fund, Inc. (continued)
 Portfolio of Investments
 NPI
 April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tennessee – 1.5% (1.0% of Total Investments)			
\$ 6,400	Johnson City Health and Educational Facilities Board, Tennessee, Revenue Bonds, Mountain States Health Alliance, Series 2006A, 5.500%, 7/01/36	7/16 at 100.00	BBB+	\$ 6,686,144
6,100	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/40	1/17 at 31.69	A	1,471,869
5,000	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Refunding Bonds, Vanderbilt University, Series 2009B, 5.000%, 10/01/39	10/19 at 100.00	AA+	5,536,150
410	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100.00	BBB+	419,451
	Sumner County Health, Educational, and Housing Facilities Board, Tennessee, Revenue Refunding Bonds, Sumner Regional Health System Inc., Series 2007:			
1,300	5.500%, 11/01/37 (6)	11/17 at 100.00	N/R	25,987
3,000	5.500%, 11/01/46 (6)	11/17 at 100.00	B–	59,970
190	Tennessee Housing Development Agency, Homeownership Program Bonds, Series 2004, 5.000%, 7/01/34 (Alternative Minimum Tax)	7/13 at 100.00	AA+	192,242
22,400	Total Tennessee			14,391,813
	Texas – 14.3% (9.7% of Total Investments)			
5,000	Alliance Airport Authority, Texas, Special Facilities Revenue Bonds, American Airlines Inc., Series 2007, 5.250%, 12/01/29 (Alternative Minimum Tax) (6)	12/12 at 100.00	N/R	2,684,550
8,840	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	9,159,389
2,150	Brazos River Authority, Texas, Pollution Control Revenue Bonds, TXU Energy Company LLC Project, Series 2003C, 6.750%, 10/01/38 (Alternative Minimum Tax)	10/13 at 101.00	CC	279,264

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

2,500	Capital Area Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, The Roman Catholic Diocese of Austin, Series 2005B. Remarketed, 6.125%, 4/01/45	4/20 at 100.00	Baa2	2,692,100
3,380	Central Texas Regional Mobility Authority, Senior Lien Revenue Bonds, Series 2011, 6.250%, 1/01/46	1/21 at 100.00	BBB-	3,736,590
2,500	Colorado River Municipal Water District, Texas, Water System Revenue Bonds, Series 2011, 5.000%, 1/01/36	1/21 at 100.00	AA-	2,743,900
3,500	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding Series 2010A, 5.000%, 11/01/42	11/20 at 100.00	A+	3,754,100
4,000	Harris County-Houston Sports Authority, Texas, Junior Lien Revenue Refunding Bonds, Series 2001B, 5.250%, 11/15/40 – NPMFG Insured	5/12 at 100.00	BBB	3,999,800
5,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/15/25 – NPMFG Insured	5/14 at 100.00	AA	5,395,050
4,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2011D, 5.000%, 11/15/40	11/21 at 100.00	AA	4,440,240
13,975	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Series 2007A, 4.750%, 8/01/43 (UB)	8/16 at 100.00	AAA	14,644,962
	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005:			
2,000	5.250%, 8/15/21	2/16 at 100.00	BBB-	2,098,080
2,800	5.125%, 8/15/26	2/16 at 100.00	BBB-	2,846,816
4,000	Love Field Airport Modernization Corporation, Texas, Special Facilities Revenue Bonds, Southwest Airlines Company, Series 2010, 5.250%, 11/01/40	11/20 at 100.00	BBB-	4,146,200
1,505	Lower Colorado River Authority, Texas, Contract Revenue Refunding Bonds, Transmission Services Corporation, Series 2003C, 5.250%, 5/15/23 (Pre-refunded 5/15/13) – AMBAC Insured	5/13 at 100.00	A+ (4)	1,583,651
	Lower Colorado River Authority, Texas, Revenue Refunding and Improvement Bonds, Series 2003:			
245	5.250%, 5/15/24 (Pre-refunded 5/15/13) – AMBAC Insured	5/13 at 100.00	A1 (4)	257,765
125	5.250%, 5/15/24 (Pre-refunded 5/15/13) – AMBAC Insured	5/13 at 100.00	A1 (4)	130,961
20	5.250%, 5/15/24 (Pre-refunded 5/15/13) – AMBAC Insured	5/13 at 100.00	A1 (4)	21,025
20	5.250%, 5/15/24 (Pre-refunded 5/15/13) – AMBAC Insured	5/13 at 100.00	A1 (4)	21,025
2,990	Lower Colorado River Authority, Texas, Revenue Refunding and Improvement Bonds, Series 2003,	5/13 at 100.00	A1	3,103,381

5.250%, 5/15/24 – AMBAC Insured

5,650	North Texas Tollway Authority, Second Tier System Revenue Refunding Bonds, Series 2008F, 5.750%, 1/01/38	1/18 at 100.00	A3	6,106,633
-------	--	-------------------	----	-----------

26 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A:			
\$ 2,070	0.000%, 9/01/43	9/31 at 100.00	AA \$	1,345,997
8,470	0.000%, 9/01/45	9/31 at 100.00	AA	6,088,405
11,000	Pearland Independent School District, Brazoria County, Texas, General Obligation Bonds, Tender Option Bond Trust 1124, 7.430%, 8/15/26 (IF)	2/17 at 100.00	AAA	12,113,750
2,000	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Electric Company, Series 2001C, 5.200%, 5/01/28	11/15 at 100.00	CCC	205,160
12,130	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA-	12,742,565
3,615	Tarrant County Health Facilities Development Corporation, Texas, GNMA Collateralized Mortgage Loan Revenue Bonds, Eastview Nursing Home, Ebony Lake Nursing Center, Ft. Stockton Nursing Center, Lynnhaven Nursing Center and Mission Oaks Manor, Series 2000A-1, 7.625%, 12/20/32	6/12 at 104.00	Aaa	3,767,155
1,045	Tarrant Regional Water District, Texas, Water Revenue Refunding and Improvement Bonds, Series 1999, 5.250%, 3/01/17 (Pre-refunded 3/01/13) – AGM Insured	3/13 at 100.00	Aa1 (4)	1,088,953
3,955	Tarrant Regional Water District, Texas, Water Revenue Refunding and Improvement Bonds, Series 1999, 5.250%, 3/01/17 – AGM Insured	3/13 at 100.00	AAA	4,109,561
2,985	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.571%, 4/01/28 (IF)	4/17 at 100.00	Aaa	4,671,316
25,000	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/24 – AMBAC Insured	No Opt. Call	BBB+	14,614,000
2,200	Tomball Hospital Authority, Texas, Hospital Revenue Bonds, Tomball Regional Hospital, Series 2005, 5.000%, 7/01/20 (Pre-refunded 7/01/15)	7/15 at 100.00	Aaa	2,509,782
148,670	Total Texas			137,102,126
	Virginia – 1.4% (0.9% of Total Investments)			
5,000	Metropolitan Washington D.C. Airports Authority, Airport System Revenue Bonds, Series 2010A, 5.000%, 10/01/39	10/20 at 100.00	AA-	5,460,750
4,585			N/R	4,696,599

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

	Virginia Beach Development Authority, Virginia, Multifamily Residential Rental Housing Revenue Bonds, Mayfair Apartments I and II, Series 1999, 7.500%, 10/01/39 (Alternative Minimum Tax)	10/14 at 100.00		
3,020	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012, 5.500%, 1/01/42 (Alternative Minimum Tax)	7/22 at 100.00	BBB-	3,116,640
12,605	Total Virginia			13,273,989
	Washington – 3.0% (2.0% of Total Investments)			
2,500	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Columbia Generating Station, Series 2002A, 5.750%, 7/01/17 – NPFPG Insured	7/12 at 100.00	Aa1	2,522,400
3,125	Skagit County Public Hospital District 1, Washington, General Obligation Bonds, Series 2004A, 5.375%, 12/01/20 – NPFPG Insured	6/14 at 100.00	A1	3,381,906
3,955	Washington State Health Care Facilities Authority, Revenue Bonds, Kadlec Regional Medical Center, Series 2010, 5.500%, 12/01/39	12/20 at 100.00	Baa2	4,090,103
	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002:			
1,675	6.500%, 6/01/26	6/13 at 100.00	A3	1,741,715
2,715	6.625%, 6/01/32	6/13 at 100.00	Baa1	2,817,600
6,480	Washington State, Motor Vehicle Fuel Tax General No Opt. Call Obligation Bonds, Series 2002-03C, 0.000%, 6/01/24 – NPFPG Insured		AA+	4,531,140
11,050	Washington, General Obligation Bonds, Series 2000S-5, 0.000%, 1/01/20 – FGIC Insured	No Opt. Call	AA+	9,446,314
31,500	Total Washington			28,531,178
	Wisconsin – 3.7% (2.5% of Total Investments)			
	Badger Tobacco Asset Securitization Corporation, Wisconsin, Tobacco Settlement Asset-Backed Bonds, Series 2002:			
665	6.125%, 6/01/27 (Pre-refunded 6/01/12)	6/12 at 100.00	Aaa	668,372
300	6.375%, 6/01/32 (Pre-refunded 6/01/12)	6/12 at 100.00	Aaa	301,572
	Milwaukee Redevelopment Authority, Wisconsin, Lease Revenue Bonds, Public Schools, Series 2003A:			
1,000	5.125%, 8/01/22 (Pre-refunded 8/01/13) – AMBAC Insured	8/13 at 100.00	Aa3 (4)	1,059,610
750	5.125%, 8/01/23 (Pre-refunded 8/01/13) – AMBAC Insured	8/13 at 100.00	Aa3 (4)	794,708

NPI Nuveen Premium Income Municipal Fund, Inc. (continued)				
Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal		Optional		
Amount (000)	Description (1)	Call	Ratings (3)	Value
		Provisions		
		(2)		
Wisconsin (continued)				
\$ 1,415	Monroe Redevelopment Authority, Wisconsin, Development Revenue Bonds, The Monroe Clinic, Inc., Series 2009, 5.875%, 2/15/39	2/19 at 100.00	A3	\$ 1,564,693
9,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Healthcare Inc., Series 2003, 6.400%, 4/15/33	4/13 at 100.00	A	9,215,820
1,635	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Carroll College Inc., Series 2001, 6.125%, 10/01/16	10/12 at 100.00	BBB	1,640,036
790	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Divine Savior Healthcare, Series 2006, 5.000%, 5/01/32	5/16 at 100.00	BBB	796,691
6,025	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of Christian Charity Healthcare Ministry, Series 2003A, 6.000%, 9/01/22 (Pre-refunded 9/01/13)	9/13 at 100.00	BBB+ (4)	6,469,223
4,995	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of Christian Charity HealthCare Ministry, Series 2007, 5.000%, 9/01/33	9/17 at 100.00	BBB+	5,091,853
2,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006, 5.250%, 8/15/34	8/16 at 100.00	A-	2,072,420
2,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Services Inc., Series 2003A, 5.250%, 8/15/25	8/13 at 100.00	A-	2,031,900
	Wisconsin State, General Obligation Bonds, Series 2004-3:			
175	5.250%, 5/01/19 – FGIC Insured	5/14 at 100.00	AA	190,570
130	5.250%, 5/01/21 – FGIC Insured	5/14 at 100.00	AA	141,322
	Wisconsin State, General Obligation Bonds, Series 2004-3:			
1,545	5.250%, 5/01/19 (Pre-refunded 5/01/14) – FGIC Insured	5/14 at 100.00	Aa2 (4)	1,692,300
1,135	5.250%, 5/01/21 (Pre-refunded 5/01/14) – FGIC Insured	5/14 at 100.00	Aa2 (4)	1,243,211
33,560	Total Wisconsin			34,974,301

	Wyoming – 0.4% (0.2% of Total Investments)			
3,400	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds, FMC Corporation, Series 2005, 5.600%, 12/01/35 (Alternative Minimum Tax)	12/15 at 100.00	BBB+	3,513,356
\$ 1,486,173	Total Investments (cost \$1,335,028,272) – 148.1%			1,418,842,642
	Floating Rate Obligations – (9.6)%			(92,124,000)
	Variable Rate MuniFund Term Preferred Shares, at Liquidation Value – (42.0)% (7)			(402,400,000)
	Other Assets Less Liabilities – 3.5%			33,676,110
	Net Assets Applicable to Common Shares – 100%			\$ 957,994,752

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
 - (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - (3) Ratings: Using the highest of Standard & Poor’s Group (“Standard & Poor’s”), Moody’s Investors Service, Inc. (“Moody’s”) or Fitch, Inc. (“Fitch”) rating. Ratings below BBB by Standard & Poor’s, Baa by Moody’s or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. 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 security, in the case of a bond, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund’s Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has directed the Fund’s custodian to cease accruing additional income on the Fund’s records.
 - (7) Variable Rate MuniFund Term Preferred Shares, at Liquidation Value as a percentage of Total Investments is 28.4%.
- N/R Not rated.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial Statements, Footnote 1 – General Information and Significant Accounting Policies, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Alabama – 3.2% (2.1% of Total Investments)			
\$ 6,995	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+	\$ 7,340,553
	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A:			
3,500	5.250%, 11/15/20	11/15 at 100.00	Baa2	3,637,200
1,000	5.000%, 11/15/30	11/15 at 100.00	Baa2	996,390
12,000	Birmingham Waterworks And Sewer Board, Alabama, Water and Sewer Revenue Bonds, Series 2007A, 4.500%, 1/01/39 – AMBAC Insured (UB)	1/17 at 100.00	AA+	12,234,720
1,960	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	1,984,441
1,690	Montgomery BMC Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Medical Center, Series 2004C, 5.250%, 11/15/29 (Pre-refunded 11/15/14)	11/14 at 100.00	A3 (4)	1,890,890
6,255	University of South Alabama, Student Tuition Revenue Bonds, Series 2004, 5.000%, 3/15/24 – FGIC Insured	3/14 at 100.00	A1	6,674,398
33,400	Total Alabama			34,758,592
	Alaska – 0.1% (0.1% of Total Investments)			
1,000	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	6/14 at 100.00	BB–	859,070
	Arizona – 0.4% (0.2% of Total Investments)			
	Glendale Industrial Development Authority, Arizona, Revenue Bonds, John C. Lincoln Health Network, Series 2005B:			
200	5.250%, 12/01/24	12/15 at 100.00	BBB	206,090
265	5.250%, 12/01/25	12/15 at 100.00	BBB	271,935
800	Pima County Industrial Development Authority, Arizona, Revenue Bonds, Tucson Electric Power Company, Refunding Series 2008, 5.750%, 9/01/29	1/15 at 100.00	BBB–	848,704
2,750		No Opt. Call	A–	2,793,863

Salt Verde Financial Corporation, Arizona, Senior
Gas Revenue Bonds, Citigroup Energy Inc Prepay
Contract Obligations, Series 2007, 5.000%,
12/01/37

4,015	Total Arizona				4,120,592
	Arkansas – 0.1% (0.1% of Total Investments)				
1,000	Washington County, Arkansas, Hospital Revenue Bonds, Washington Regional Medical Center, Series 2005B, 5.000%, 2/01/25	2/15 at 100.00	Baa1		1,032,900
	California – 14.4% (9.6% of Total Investments)				
	California Educational Facilities Authority, Revenue Refunding Bonds, Loyola Marymount University, Series 2001A:				
3,255	0.000%, 10/01/23 – NPMFG Insured	No Opt. Call	A2		2,019,304
5,890	0.000%, 10/01/24 – NPMFG Insured	No Opt. Call	A2		3,449,361
7,615	0.000%, 10/01/25 – NPMFG Insured	No Opt. Call	A2		4,197,616
3,330	California Health Facilities Financing Authority, Refunding Revenue Bonds, Stanford Hospital and Clinics, Series 2008A-2. RMKT, 5.250%, 11/15/40	11/21 at 100.00	AA–		3,681,082
3,740	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100.00	AAA		3,925,915
15,000	California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard Children’s Hospital, Series 2012A, 5.000%, 8/15/51	8/22 at 100.00	AA		15,909,747
2,550	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2009B, 5.500%, 10/01/39	10/19 at 100.00	AA		2,858,525
2,500	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA–		2,590,750
2,055	California Infrastructure and Economic Development Bank, Infrastructure State Revolving Fund Revenue Bonds, Series 2004, 5.000%, 10/01/21	10/14 at 100.00	AA+		2,256,185
4,000	California State, Economic Recovery Revenue Bonds, Refunding Series 2009A, 5.250%, 7/01/21	7/19 at 100.00	Aa3		4,859,680
7,440	California State, General Obligation Bonds, Series 2004, 5.125%, 2/01/25	2/14 at 100.00	A1		7,860,211

Nuveen Investments

29

NPM Nuveen Premium Income Municipal Fund 2, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	California (continued)			
\$ 20,000	California State, General Obligation Bonds, Various Purpose Series 2009, 6.000%, 11/01/39	11/19 at 100.00	A1	\$ 23,266,997
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	999,190
5,355	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.558%, 5/15/14 (IF)	No Opt. Call	AA-	7,354,932
1,935	California, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14	No Opt. Call	Aa3	2,131,074
565	California, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14 (ETM)	No Opt. Call	Aaa	626,014
1,900	Chula Vista, California, Industrial Development Revenue Bonds, San Diego Gas and Electric Company, Series 1996A, 5.300%, 7/01/21	6/14 at 102.00	A+	2,022,094
2,500	Fontana Public Financing Authority, California, Tax Allocation Revenue Bonds, North Fontana Redevelopment Project, Series 2005A, 5.000%, 10/01/23 – AMBAC Insured	10/15 at 100.00	A	2,581,250
30,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/21 (ETM)	No Opt. Call	Aaa	25,235,096
1,385	Fullerton Public Financing Authority, California, Tax Allocation Revenue Bonds, Series 2005, 5.000%, 9/01/27 – AMBAC Insured	9/15 at 100.00	A	1,398,961
1,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1, 5.750%, 6/01/47	6/17 at 100.00	BB-	824,040
3,850	Grossmont Healthcare District, California, General Obligation Bonds, Series 2011B, 6.125%, 7/15/40	7/21 at 100.00	Aa2	4,581,654
10,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2011A, 5.000%, 7/01/41	1/21 at 100.00	AA	11,061,600
1,420	Perris, California, Special Tax Bonds, Community Facilities District 2001-1, May Farms Improvement Area 4, Series 2005A: 5.000%, 9/01/25	9/15 at 102.00	N/R	1,428,492
435	5.100%, 9/01/30	9/15 at 102.00	N/R	430,881

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

San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006:				
250	5.000%, 9/01/21	9/15 at 102.00	Baa3	259,823
275	5.000%, 9/01/23	9/15 at 102.00	Baa3	281,441
2,220	San Diego Redevelopment Agency, California, Subordinate Lien Tax Allocation Bonds, Centre City Project, Series 2004A, 5.000%, 9/01/20 – SYNCORA GTY Insured	9/14 at 100.00	AA–	2,291,351
San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:				
4,595	0.000%, 1/15/32 – NPMFG Insured	No Opt. Call	BBB	1,260,960
32,400	0.000%, 1/15/34 – NPMFG Insured	No Opt. Call	BBB	7,802,568
6,000	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2004A, 5.250%, 8/01/19 – NPMFG Insured	8/14 at 100.00	BBB	6,123,300
3,000	Walnut Energy Center Authority, California, Electric Revenue Bonds, Turlock Irrigation District, Series 2004A, 5.000%, 1/01/34 – AMBAC Insured	1/14 at 100.00	A+	3,069,030
187,460	Total California			158,639,124
Colorado – 1.2% (0.8% of Total Investments)				
1,700	Centennial Water and Sanitation District, Colorado, Water and Sewerage Revenue Bonds, Series 2004, 5.000%, 12/01/22 – FGIC Insured	12/14 at 100.00	AA+	1,872,703
Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005:				
1,745	5.250%, 6/01/23	6/16 at 100.00	A–	1,838,794
475	5.000%, 6/01/29	6/16 at 100.00	A–	481,546
400	Colorado Health Facilities Authority, Revenue Bonds, Poudre Valley Health Care, Series 2005F, 5.000%, 3/01/25	3/15 at 100.00	A	412,848
145	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. Call	A+	153,403
6,925	Denver Convention Center Hotel Authority, Colorado, Revenue Bonds, Convention Center Hotel, Senior Lien Series 2006, 5.125%, 12/01/25 – SYNCORA GTY Insured	11/16 at 100.00	BBB–	7,071,325
630	Regional Transportation District, Colorado, Certificates of Participation, Series 2010A, 5.375%, 6/01/31	6/20 at 100.00	Aa3	701,984

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Colorado (continued)			
\$ 400	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010, 6.000%, 1/15/41	7/20 at 100.00	Baa3 \$	438,896
12,420	Total Colorado			12,971,499
	Connecticut – 0.5% (0.3% of Total Investments)			
5,000	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2003B, 5.000%, 1/01/21 (Pre-refunded 1/01/14) – FGIC Insured	1/14 at 100.00	AA (4)	5,391,450
	Delaware – 0.1% (0.1% of Total Investments)			
1,000	Delaware Health Facilities Authority, Revenue Bonds, Christiana Care Health Services Inc., Series 2010A, 5.000%, 10/01/40 – NPMG Insured	10/20 at 100.00	AA	1,087,620
	District of Columbia – 0.5% (0.3% of Total Investments)			
5,000	District of Columbia, Revenue Bonds, Georgetown University, Series 2007A, 0.000%, 4/01/40 – AMBAC Insured	4/21 at 100.00	A–	3,756,750
1,335	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1606, 11.096%, 10/01/30 – AMBAC Insured (IF)	10/16 at 100.00	AA+	1,481,757
6,335	Total District of Columbia			5,238,507
	Florida – 37.5% (24.9% of Total Investments)			
1,055	Bay County School Board, Florida, Certificates of Participation, Series 2004, 5.000%, 7/01/24 – AMBAC Insured	7/14 at 100.00	A+	1,082,071
1,700	Beacon Tradeport Community Development District, Miami-Dade County, Florida, Special Assessment Bonds, Commercial Project, Series 2002A, 5.625%, 5/01/32 – RAAI Insured	5/13 at 101.00	N/R	1,713,311
1,130	Bradford County Health Facility Authority, Florida, No Opt. Call Revenue Refunding Bonds, Santa Fe Healthcare Inc., Series 1993, 6.050%, 11/15/16 (ETM)		AA+ (4)	1,267,905
2,500	Broward County Educational Facilities Authority, Florida, Revenue Bonds, Nova Southeastern University, Series 2004B, 5.625%, 4/01/34	4/14 at 100.00	BBB+	2,534,525
790	Broward County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Emerald Palms Apartments, Series 2001A, 5.600%, 7/01/21 (Alternative Minimum Tax)	6/12 at 100.00	Aaa	791,280
130	Broward County Housing Finance Authority, Florida, Single Family Mortgage Revenue Refunding Bonds, Series 2000B, 0.000%, 4/01/29	10/12 at 32.13	Aaa	43,388

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

(Alternative Minimum Tax)				
1,870	Broward County School Board, Florida, Certificates of Participation, Series 2004C, 5.250%, 7/01/20 (Pre-refunded 7/01/14) – AGM Insured	7/14 at 100.00	AA– (4)	2,066,780
Broward County, Florida, Airport System Revenue Bonds, Series 2001-J1:				
2,225	5.250%, 10/01/21 – AMBAC Insured (Alternative Minimum Tax)	10/12 at 100.00	A+	2,245,225
8,900	5.250%, 10/01/26 – AMBAC Insured (Alternative Minimum Tax)	10/12 at 100.00	A+	8,943,610
2,150	Broward County, Florida, Airport System Revenue Bonds, Series 2004L, 5.000%, 10/01/23 – AMBAC Insured	10/14 at 100.00	A+	2,267,713
2,000	Broward County, Florida, Water and Sewer System Revenue Bonds, Series 2009A, 5.250%, 10/01/34	10/18 at 100.00	AA+	2,271,560
650	Cape Coral, Florida, Water and Sewer Revenue Bonds, Series 2006, 5.000%, 10/01/36 – AMBAC Insured	10/16 at 100.00	A1	670,092
1,500	Citrus County Hospital Board, Florida, Revenue Bonds, Citrus Memorial Hospital, Refunding Series 2002, 6.375%, 8/15/32	8/13 at 100.00	BB+	1,443,735
750	City of Gainesville, Florida, Utilities System Revenue Bonds, Series 2003A, 5.250%, 10/01/21 (Pre-refunded 10/01/13)	10/13 at 100.00	AA (4)	802,710
3,010	Cocoa, Florida, Water and Sewerage System Revenue Refunding Bonds, Series 2003, 5.500%, 10/01/23 – AMBAC Insured	No Opt. Call	AA–	3,670,996
2,815	Collier County, Florida, Capital Improvement Revenue Bonds, Series 2005, 5.000%, 10/01/23 (Pre-refunded 10/01/14) – NPFPG Insured	10/14 at 100.00	AA– (4)	3,125,382
1,290	Escambia County, Florida, Tourist Development Revenue Refunding Bonds, Series 2002, 5.000%, 10/01/18 – NPFPG Insured	10/12 at 100.00	A1	1,310,769
4,230	Flagler County, Florida, Capital Improvement Revenue Bonds, Series 2005, 5.000%, 10/01/30 – NPFPG Insured	10/15 at 100.00	A	4,408,421
70	Florida Housing Finance Agency, GNMA Collateralized Home Ownership Revenue Refunding Bonds, Series 1987G-1, 8.595%, 11/01/17	No Opt. Call	AA+	75,892

		Nuveen Premium Income Municipal Fund 2, Inc. (continued)		
		Portfolio of Investments		
		April 30, 2012 (Unaudited)		
Principal		Optional		
Amount (000)	Description (1)	Call	Ratings (3)	Value
		Provisions		
		(2)		
	Florida (continued)			
\$ 520	Florida Housing Finance Agency, Homeowner Mortgage Revenue Bonds, Series 1997-2, 5.900%, 7/01/29 – NPMFI Insured (Alternative Minimum Tax)	7/12 at 100.00	AA+	\$ 525,959
865	Florida Housing Finance Corporation, Homeowner Mortgage Revenue Bonds, Series 2006-6, 4.625%, 7/01/31 (Alternative Minimum Tax)	1/16 at 100.00	AA+	875,423
	Florida Municipal Loan Council, Revenue Bonds, Series 2000B:			
1,040	0.000%, 11/01/25 – NPMFI Insured	No Opt. Call	A–	552,479
1,590	0.000%, 11/01/26 – NPMFI Insured	No Opt. Call	A–	792,981
1,685	Florida Municipal Loan Council, Revenue Bonds, Series 2003A, 5.000%, 5/01/22 – NPMFI Insured	5/13 at 100.00	A–	1,716,796
13,925	Florida State Board of Education, Full Faith and Credit Public Education Capital Outlay Bonds, Series 2002B, 5.000%, 6/01/20 (Pre-refunded 6/01/12) – NPMFI Insured	6/12 at 101.00	AAA	14,122,039
185	Florida State Board of Education, Full Faith and Credit Public Education Capital Outlay Bonds, Series 2002F, 5.000%, 6/01/22 (Pre-refunded 6/01/12) – NPMFI Insured	6/12 at 101.00	AAA	187,592
14,985	Florida State Board of Education, State University System Revenue Bonds, Series 2006A, 5.000%, 7/01/30 – NPMFI Insured (UB)	7/15 at 101.00	AA	16,506,577
5,980	Florida State Department of Management Services, Certificates of Participation, Series 2006A, 5.000%, 8/01/23 – NPMFI Insured	8/15 at 101.00	AA+	6,709,440
2,580	Florida State Education System, Housing Facility Revenue Bonds, Florida International University, Series 2004A, 5.000%, 7/01/14 – NPMFI Insured	No Opt. Call	BBB	2,734,129
4,000	Florida State Turnpike Authority, Turnpike Revenue Bonds, Department of Transportation, Series 2003C, 5.000%, 7/01/33	7/13 at 101.00	AA–	4,194,440
1,500	Florida State Water Pollution Control Financing Corporation, Revolving Fund Revenue Bonds, Series 2009A, 5.000%, 1/15/29	1/19 at 100.00	AAA	1,704,915
2,345	FSU Financial Assistance Inc., Florida, General Revenue Bonds, Educational and Athletic Facilities Improvements, Series 2004, 5.000%, 10/01/16 – AMBAC Insured	10/14 at 100.00	A1	2,551,266
4,100			Aa3	4,160,844

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

	Greater Orlando Aviation Authority, Florida, Airport Facilities Revenue Bonds, Series 2002B, 5.125%, 10/01/21 – AGM Insured (Alternative Minimum Tax)	10/12 at 100.00		
3,900	Greater Orlando Aviation Authority, Florida, Airport Facilities Revenue Bonds, Series 2002B, 5.125%, 10/01/21 (Pre-refunded 10/01/12) – AGM Insured (Alternative Minimum Tax)	10/12 at 100.00	Aa3 (4)	3,968,211
	Halifax Hospital Medical Center, Florida, Revenue Bonds, Series 2006:			
1,720	5.500%, 6/01/38 – AGM Insured	6/18 at 100.00	AA–	1,825,178
1,755	5.375%, 6/01/46	6/16 at 100.00	A–	1,798,103
5,000	Hernando County, Florida, Revenue Bonds, Criminal Justice Complex Financing Program, Series 1986, 7.650%, 7/01/16 – FGIC Insured	No Opt. Call	BBB	6,081,300
3,600	Hillsborough County Industrial Development Authority, Florida, Exempt Facilities Remarketed Revenue Bonds, National Gypsum Company, Apollo Beach Project, Series 2000B, 7.125%, 4/01/30 (Alternative Minimum Tax)	10/12 at 100.00	N/R	3,577,752
2,000	Hillsborough County Industrial Development Authority, Florida, Hospital Revenue Refunding Bonds, Tampa General Hospital, Series 2003A, 5.250%, 10/01/24	10/13 at 100.00	A3	2,043,580
1,535	Hillsborough County, Florida, Community Investment Tax Revenue Bonds, Series 2004, 5.000%, 5/01/24 – AMBAC Insured	11/13 at 101.00	AA	1,633,071
2,170	Hillsborough County, Florida, Revenue Refunding Bonds, Tampa Bay Arena, Series 2005, 5.000%, 10/01/25 – FGIC Insured	10/15 at 100.00	AA+	2,390,515
1,500	Hollywood, Florida, Water and Sewer Revenue Refunding and Improvement Bonds, Series 2003, 5.000%, 10/01/20 – AGM Insured	10/13 at 100.00	Aa2	1,584,450
	Jacksonville, Florida, Better Jacksonville Sales Tax Revenue Bonds, Series 2003:			
4,990	5.250%, 10/01/21 (Pre-refunded 10/01/13) – NPF Insured	10/13 at 100.00	A1 (4)	5,334,759
2,090	5.000%, 10/01/22 (Pre-refunded 10/01/13) – NPF Insured	10/13 at 100.00	A1 (4)	2,227,020
3,145	Jacksonville, Florida, Excise Taxes Revenue Refunding Bonds, Series 2003C, 5.250%, 10/01/18 – NPF Insured (Alternative Minimum Tax)	10/13 at 100.00	AA+	3,295,646
	Jacksonville, Florida, Guaranteed Entitlement Revenue Refunding and Improvement Bonds, Series 2002:			
2,230	5.000%, 10/01/21 – FGIC Insured	10/12 at 100.00	AA	2,269,716
2,000	5.000%, 10/01/22 – FGIC Insured	10/12 at 100.00	AA	2,034,760

2,750	Jacksonville, Florida, Local Government Sales Tax Revenue Refunding and Improvement Bonds, Series 2002, 5.375%, 10/01/17 – FGIC Insured	10/12 at 100.00	AA+	2,799,885
-------	---	-----------------	-----	-----------

32 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Florida (continued)			
	JEA, Florida, Water and Sewerage System Revenue Bonds, Series 2004A:			
\$ 3,235	5.000%, 10/01/18 – FGIC Insured	10/13 at 100.00	AA	\$ 3,440,875
5,090	5.000%, 10/01/19 – FGIC Insured	10/13 at 100.00	AA	5,410,161
	Lake County School Board, Florida, Certificates of Participation, Series 2004A:			
1,190	5.000%, 7/01/20 – AMBAC Insured	7/14 at 100.00	A+	1,245,847
1,470	5.000%, 7/01/24 – AMBAC Insured	7/14 at 100.00	A+	1,521,994
1,065	Lee County Industrial Development Authority, Florida, Utilities Revenue Bonds, Bonita Springs Utilities Inc. Project, Series 2002, 5.000%, 11/01/19 – NPMFG Insured (Alternative Minimum Tax)	11/12 at 100.00	AA–	1,080,634
1,000	Lee County, Florida, Transportation Facilities Revenue Bonds, Series 2004B, 5.000%, 10/01/14 – AMBAC Insured	No Opt. Call	A–	1,095,680
3,500	Lee Memorial Health System, Florida, Hospital Revenue Bonds, Series 2007A, 5.000%, 4/01/32 – NPMFG Insured	4/17 at 100.00	A	3,595,760
2,345	Leesburg, Florida, Hospital Revenue Bonds, Leesburg Regional Medical Center Project, Series 2002, 5.375%, 7/01/22	7/12 at 100.00	BBB+	2,348,869
3,430	Leesburg, Florida, Hospital Revenue Refunding Bonds, Leesburg Regional Medical Center Project, Series 2003, 5.000%, 7/01/12	No Opt. Call	BBB+	3,447,939
5,130	Manatee County School District, Florida, Sales Tax Revenue Bonds, Series 2003, 5.000%, 10/01/17 (Pre-refunded 10/01/13) – AMBAC Insured	10/13 at 100.00	A1 (4)	5,466,323
	Miami-Dade County Educational Facilities Authority, Florida, Revenue Bonds, University of Miami, Series 2004A:			
2,290	5.000%, 4/01/19 (Pre-refunded 4/01/14) – AMBAC Insured	4/14 at 100.00	N/R (4)	2,488,680
3,305	5.000%, 4/01/22 (Pre-refunded 4/01/14) – AMBAC Insured	4/14 at 100.00	N/R (4)	3,591,742
	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Bonds, Series 2004B:			
2,000	5.250%, 7/01/18 – FGIC Insured	7/14 at 100.00	A	2,157,440

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

2,000	5.000%, 7/01/23 – FGIC Insured	7/14 at 100.00	A	2,146,380
2,000	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Refunding Bonds, Series 2001, 5.000%, 7/01/21 – FGIC Insured	7/12 at 100.00	A3	2,006,140
3,630	Miami-Dade County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Sunset Bay Apartments, Series 2000-5A, 5.950%, 7/01/30 – AGM Insured (Alternative Minimum Tax)	7/12 at 101.00	AA–	3,666,336
1,280	Miami-Dade County Industrial Development Authority, Florida, Industrial Development Revenue Bonds, Airis Miami II LLC – Miami International Airport, Series 1999, 6.000%, 10/15/25 – AMBAC Insured (Alternative Minimum Tax)	10/12 at 100.00	N/R	1,174,746
1,970	Miami-Dade County School Board, Florida, Certificates of Participation, Series 2006B, 5.000%, 11/01/31 – AMBAC Insured	11/16 at 100.00	A1	2,057,448
7,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 1998A, 5.000%, 10/01/24 – FGIC Insured (Alternative Minimum Tax)	10/12 at 100.00	A2	7,507,500
4,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 1998C, 5.000%, 10/01/23 – NPMFG Insured (Alternative Minimum Tax)	10/12 at 100.00	A2	4,004,760
5,390	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2002, 5.750%, 10/01/18 – FGIC Insured (Alternative Minimum Tax)	10/12 at 100.00	A2	5,471,335
5,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2009A, 5.500%, 10/01/41	10/19 at 100.00	A2	5,526,200
4,000	Miami-Dade County, Florida, General Obligation Bonds, Build Better Communities Program, Series 2009-B1, 5.625%, 7/01/38	7/18 at 100.00	Aa2	4,461,880
11,300	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Series 2008, 5.000%, 7/01/35 – AGM Insured	7/18 at 100.00	AA	12,061,394
3,300	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 1999A, 5.000%, 10/01/29 – FGIC Insured	10/12 at 100.00	Aa2	3,308,910
1,175	Naples, Florida, Water and Sewer Revenue Bonds, Series 2002, 5.000%, 9/01/14 (Pre-refunded 9/01/12)	9/12 at 100.00	Aa2 (4)	1,194,047
5,000	Orange County Health Facilities Authority, Florida, Hospital Revenue Bonds, Adventist Health System/Sunbelt Obligated Group, Series 2002, 5.250%, 11/15/18 (Pre-refunded 11/15/12)	11/12 at 101.00	N/R (4)	5,184,350
	Orange County Health Facilities Authority, Florida, Hospital Revenue Bonds, Orlando Regional			

Healthcare System, Series 2002:				
3,695	5.750%, 12/01/27 (Pre-refunded 12/01/12)	12/12 at 100.00	AA+ (4)	3,815,309
1,000	5.750%, 12/01/32 (Pre-refunded 12/01/12)	12/12 at 100.00	AA+ (4)	1,032,560

Nuveen Investments

33

Nuveen Premium Income Municipal Fund 2, Inc. (continued)				
Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Florida (continued)				
\$ 2,440	Orange County School Board, Florida, Certificates of Participation, Series 2004A, 5.000%, 8/01/22 – AMBAC Insured	8/14 at 100.00	AA	\$ 2,630,686
Orange County, Florida, Sales Tax Revenue Bonds, Series 2002A:				
1,665	5.125%, 1/01/20 – FGIC Insured	1/13 at 100.00	AA+	1,711,320
3,400	5.125%, 1/01/23 – FGIC Insured	1/13 at 100.00	AA+	3,486,462
4,295	Orlando Utilities Commission, Florida, Water and Electric Revenue Refunding Bonds, Series 2002C, 5.250%, 10/01/18 (Pre-refunded 10/01/12)	10/12 at 100.00	Aa1 (4)	4,386,183
575	Osceola County Industrial Development Authority, Florida, Industrial Development Revenue Bonds, P.M. Wells Charter School Project, Series 2001A, 5.000%, 8/01/23 – NPMFG Insured	8/12 at 100.00	BBB	576,334
Osceola County, Florida, Transportation Revenue Bonds, Osceola Parkway, Series 2004:				
3,745	5.000%, 4/01/22 – NPMFG Insured	4/14 at 100.00	Aa3	3,996,477
2,000	5.000%, 4/01/23 – NPMFG Insured	4/14 at 100.00	Aa3	2,126,040
Palm Beach County Health Facilities Authority, Florida, Hospital Revenue Refunding Bonds, BRCH Corporation Obligated Group, Series 2001:				
1,895	5.500%, 12/01/21	6/12 at 101.00	BBB–	1,902,807
6,470	5.625%, 12/01/31	6/12 at 101.00	BBB–	6,480,158
2,040	Palm Beach County School Board, Florida, Certificates of Participation, Series 2002D, 5.250%, 8/01/21 – AGM Insured	8/12 at 100.00	AA–	2,059,523
1,500	Palm Beach County School Board, Florida, Certificates of Participation, Series 2004A, 5.000%, 8/01/22 – FGIC Insured	8/14 at 100.00	AA–	1,617,225
3,000	Palm Beach County School Board, Florida, Certificates of Participation, Series 2007E, 5.000%, 8/01/27 – NPMFG Insured	8/17 at 100.00	AA–	3,294,810
6,090	Palm Beach County School Board, Florida, Certificates of Participation, Tender Option Bond	No Opt. Call	AA–	7,549,225

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

	Trust 2089, 12.810%, 8/01/14 – AGM Insured (IF)			
4,490	Palm Beach County, Florida, Public Improvement Revenue Bonds, Biomedical Research Park Project, Series 2005A, 5.000%, 6/01/25 – AMBAC Insured	6/15 at 100.00	AA+	4,889,969
4,000	Palm Beach County, Florida, Water and Sewer Revenue Bonds, FPL Reclaimed Water Project, Series 2009, 5.250%, 10/01/33	10/19 at 100.00	AAA	4,558,880
6,545	Palm Beach County, Florida, Water and Sewer Revenue Bonds, Series 2006A, Trust 2622, 11.190%, 10/01/14 (IF)	No Opt. Call	AAA	8,113,444
10,000	Palm Beach County, Florida, Water and Sewer Revenue Bonds, Series 2006A, 5.000%, 10/01/31 (UB)	10/16 at 100.00	AAA	11,233,400
2,500	Polk County School District, Florida, Sales Tax Revenue Bonds, Series 2004, 5.250%, 10/01/18 – AGM Insured	10/14 at 100.00	AA–	2,683,550
2,060	Polk County, Florida, Utility System Revenue Bonds, Series 2003, 5.250%, 10/01/22 – FGIC Insured	10/13 at 100.00	Aa3	2,166,729
2,000	Port Saint Lucie, Florida, Special Assessment Revenue Bonds, Southwest Annexation District 1B, Series 2007, 5.000%, 7/01/33 – NPFG Insured	7/17 at 100.00	BBB	2,040,000
1,350	Port St. Lucie, Florida, Sales Tax Revenue Bonds, Series 2003, 5.000%, 9/01/21 (Pre-refunded 9/01/13) – NPFG Insured	9/13 at 100.00	A+ (4)	1,433,444
650	Reedy Creek Improvement District, Florida, Utility Revenue Bonds, Series 2005-1, 5.000%, 10/01/25 – AMBAC Insured	10/15 at 100.00	A1	684,684
3,240	Reedy Creek Improvement District, Orange and Osceola Counties, Florida, General Obligation Bonds, Series 2004A, 5.000%, 6/01/22 – NPFG Insured	4/14 at 100.00	Aa3	3,479,306
1,635	Rivercrest Community Development District, Florida, Special Assessment Bonds, Series 2007, 5.000%, 5/01/30 – RAAI Insured	5/18 at 100.00	BB	1,449,101
2,750	Saint Johns County, Florida, Transportation Improvement Revenue Bonds, Series 2003, 5.000%, 10/01/23 – AMBAC Insured	10/13 at 100.00	Aa3	2,890,828
3,570	Seminole County, Florida, Water and Sewer Revenue Refunding and Improvement Bonds, Series 1992, 6.000%, 10/01/19 – NPFG Insured (ETM)	No Opt. Call	BBB (4)	4,356,400
1,680	Seminole County, Florida, Water and Sewer Revenue Refunding and Improvement Bonds, Series 1992, 6.000%, 10/01/19 – NPFG Insured	No Opt. Call	BBB	1,837,836
625	Sonoma Bay Community Development District, Florida, Special Assessment Bonds, Series 2005A, 5.450%, 5/01/36	5/15 at 100.00	N/R	638,163
7,500	South Florida Water Management District, Certificates of Participation, Series 2007, Trust 1036, 9.012%, 10/01/14 – AMBAC Insured (IF)	No Opt. Call	AA	8,266,050

34 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Florida (continued)			
\$ 5,000	South Florida Water Management District, Certificates of Participation, Series 2006, 5.000%, 10/01/36 – AMBAC Insured	10/16 at 100.00	AA	\$ 5,255,350
2,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB)	8/17 at 100.00	AA	2,554,845
	St. John’s County Industrial Development Authority, Florida, First Mortgage Revenue Bonds, Presbyterian Retirement Communities, Series 2004A:			
2,250	5.850%, 8/01/24	8/14 at 101.00	A–	2,337,998
3,135	5.625%, 8/01/34	8/14 at 101.00	A–	3,187,229
5,000	Sumter County, Florida, Capital Improvement Revenue Bonds, Series 2006, 5.000%, 6/01/36 – AMBAC Insured	6/16 at 100.00	A	5,189,450
620	Tallahassee, Florida, Consolidated Utility System Revenue Bonds, Series 2005, 5.000%, 10/01/25 – AMBAC Insured	10/15 at 100.00	AA+	689,756
5,000	Tallahassee, Florida, Energy System Revenue Bonds, Series 2005, 5.000%, 10/01/35 – NPFG Insured	10/15 at 100.00	AA	5,341,050
5,000	Tampa Bay, Florida, Regional Water Supply Authority Utility System Revenue Bonds, Series 2008, 5.000%, 10/01/34	10/18 at 100.00	AA+	5,486,450
	Tampa Sports Authority, Hillsborough County, Florida, Sales Tax Payments Special Purpose Bonds, Stadium Project, Series 1995:			
1,250	5.750%, 10/01/20 – NPFG Insured	No Opt. Call	BBB	1,387,288
2,785	5.750%, 10/01/25 – NPFG Insured	No Opt. Call	BBB	3,083,162
2,250	Tampa-Hillsborough County Expressway Authority, Florida, Revenue Bonds, Series 2005, 5.000%, 7/01/16 – AMBAC Insured	7/15 at 101.00	A–	2,519,865
7,285	Tampa-Hillsborough County Expressway Authority, Florida, Revenue Bonds, Series 2005, 5.000%, 7/01/16 (Pre-refunded 7/01/15) – AMBAC Insured	7/15 at 101.00	Aaa	8,397,492
	Volusia County School Board, Florida, Sales Tax Revenue Bonds, Series 2002:			
11,815	5.375%, 10/01/14 (Pre-refunded 10/01/12) – AGM Insured	10/12 at 100.00	AA– (4)	12,068,432
8,605			AA– (4)	8,789,577

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

	5.375%, 10/01/15 (Pre-refunded 10/01/12) – AGM Insured	10/12 at 100.00		
1,000	Volusia County, Florida, Tax Revenue Bonds, Tourist Development, Series 2004, 5.000%, 12/01/24 – AGM Insured	12/14 at 100.00	Aa3	1,043,300
388,900	Total Florida			412,315,708
Georgia – 1.7% (1.1% of Total Investments)				
6,000	Atlanta, Georgia, Airport General Revenue Bonds, Series 2012B, 5.000%, 1/01/42 (WI/DD, Settling 5/03/12)	1/22 at 100.00	A+	6,544,800
500	Chatham County Hospital Authority, Savannah, Georgia, Hospital Revenue Bonds, Memorial Health University Medical Center Inc., Series 2004A, 5.375%, 1/01/26	1/14 at 100.00	Baa3	502,150
2,000	Franklin County Industrial Building Authority, Georgia, Revenue Bonds, Ty Cobb Regional Medical Center Project, Series 2010, 8.125%, 12/01/45	12/20 at 100.00	N/R	2,131,640
10	Municipal Electric Authority of Georgia, Combustion Turbine Revenue Bonds, Series 2003A, 5.250%, 11/01/15 (Pre-refunded 11/01/13) – NPFPG Insured	11/13 at 100.00	Aaa	10,751
	Municipal Electric Authority of Georgia, Combustion Turbine Revenue Bonds, Series 2003A:			
3,405	5.250%, 11/01/15 – NPFPG Insured	11/13 at 100.00	A1	3,618,630
3,365	5.000%, 11/01/18 – NPFPG Insured	11/13 at 100.00	A1	3,549,066
2,235	Richmond County Development Authority, Georgia, Revenue Bonds, Medical College of Georgia, Cancer Research Center Project, Series 2004A, 5.000%, 12/15/24 – AMBAC Insured	12/14 at 100.00	A1	2,321,718
17,515	Total Georgia			18,678,755
Idaho – 0.5% (0.3% of Total Investments)				
40	Idaho Housing Agency, Senior Lien Single Family Mortgage Bonds, Series 1995F, 6.450%, 7/01/27 (Alternative Minimum Tax)	7/12 at 100.00	Aaa	40,190
3,015	Idaho Housing and Finance Association, GNMA Housing Revenue Refunding Bonds, Wedgewood Terrace Project, Series 2002A-1, 7.250%, 3/20/37	3/16 at 101.00	Aaa	3,170,634
50	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 1996G, 6.350%, 7/01/26 (Alternative Minimum Tax)	7/12 at 100.00	AAA	50,229
110	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 2000B, 6.250%, 7/01/22 (Alternative Minimum Tax)	7/12 at 100.00	AAA	111,002

NPM Nuveen Premium Income Municipal Fund 2, Inc. (continued) Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Idaho (continued)				
\$ 175	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 2000E, 5.950%, 7/01/20 (Alternative Minimum Tax)	7/12 at 100.00	Aaa	\$ 175,658
Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial Hospital, Series 2006:				
1,000	5.250%, 9/01/30	9/16 at 100.00	BB+	986,610
470	5.250%, 9/01/37	9/16 at 100.00	BB+	451,830
4,860	Total Idaho			4,986,153
Illinois – 13.9% (9.2% of Total Investments)				
5,000	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A, 0.000%, 12/01/20 – FGIC Insured	No Opt. Call	AA–	3,812,200
5,700	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	6,332,016
22,670	Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999, 0.000%, 1/01/25 – FGIC Insured	No Opt. Call	Aa3	12,972,227
3,945	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.000%, 1/01/41	1/22 at 100.00	AAA	4,299,853
1,280	Chicago, Illinois, Tax Increment Allocation Bonds, Read-Dunning Redevelopment Project, Series 1996B, 7.250%, 1/01/14	7/12 at 100.00	N/R	1,283,085
1,320	Chicago, Illinois, Tax Increment Allocation Bonds, Sanitary Drainage and Ship Canal Redevelopment Project, Series 1997A, 7.750%, 1/01/14	7/12 at 100.00	N/R	1,323,722
4,865	Cook County Community Consolidated School District 15, Palatine, Illinois, General Obligation Bonds, Series 2001, 0.000%, 12/01/20 – FGIC Insured (ETM)	No Opt. Call	Aa2 (4)	3,644,080
2,575	Cook County Community High School District 219, Niles Township, Illinois, General Obligation Capital Appreciation Bonds, Series 2001, 0.000%, 12/01/20 – NCFG Insured	No Opt. Call	Baa2	1,789,136
3,615		No Opt. Call	N/R (4)	3,025,538

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

Cook County Community High School District
 219, Niles Township, Illinois, General Obligation
 Capital Appreciation Bonds, Series 2001, 0.000%,
 12/01/20 – NPFQ Insured (ETM)

3,500	Cook County, Illinois, General Obligation Bonds, Refunding Series 2010A, 5.250%, 11/15/22 Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2004:	11/20 at 100.00	AA	4,114,250
2,000	5.250%, 11/15/14	5/14 at 100.00	A	2,130,460
4,420	5.250%, 11/15/15	5/14 at 100.00	A	4,693,421
395	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100.00	BB+	365,924
1,900	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	2,407,870
4,480	Illinois Finance Authority, Revenue Bonds, The Carle Foundation, Series 2011A, 6.000%, 8/15/41 – AGM Insured	8/21 at 100.00	AA–	5,056,173
6,000	Illinois Finance Authority, Revenue Bonds, The University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	Aa1	6,493,800
3,540	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., University Center Project, Series 2006B, 5.000%, 5/01/25	11/16 at 100.00	BBB+	3,646,306
3,090	Illinois Health Facilities Authority, Revenue Bonds, Lake Forest Hospital, Series 2003, 6.000%, 7/01/33	7/13 at 100.00	AA+	3,170,958
3,000	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 6.000%, 4/01/18	No Opt. Call	Aa2	3,514,890
10,000	Illinois State, General Obligation Bonds, Refunding Series 2010, 5.000%, 1/01/21 – AGM Insured	1/20 at 100.00	AA–	11,068,200
2,000	Illinois State, General Obligation Bonds, Series 2009A, 5.000%, 9/01/34	9/18 at 100.00	A+	2,081,880
11,050	Illinois, General Obligation Bonds, Illinois FIRST Program, Series 2001, 6.000%, 11/01/26 – FGIC Insured	No Opt. Call	A+	13,244,751
	Lake County Community Unit School District 60, Waukegan, Illinois, General Obligation Refunding Bonds, Series 2001B:			
3,230	0.000%, 11/01/19 – AGM Insured	No Opt. Call	Aa3	2,550,699
1,740	0.000%, 11/01/21 – AGM Insured	No Opt. Call	Aa3	1,216,504
4,020	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/20 – AGM Insured (UB)	No Opt. Call	AAA	5,102,988
	Lombard Public Facilities Corporation, Illinois, Second Tier Conference Center and Hotel Revenue			

Bonds, Series 2005B:

855	5.250%, 1/01/25	1/16 at 100.00	CCC	561,359
1,750	5.250%, 1/01/30	1/16 at 100.00	CCC	1,159,078

36 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Illinois (continued)			
\$ 17,945	McHenry and Kane Counties Community Consolidated School District 158, Huntley, Illinois, General Obligation Bonds, Series 2003, 0.000%, 1/01/22 – FGIC Insured	No Opt. Call	N/R	\$ 12,103,005
2,910	McHenry County Community High School District 154, Marengo, Illinois, Capital Appreciation School Bonds, Series 2001, 0.000%, 1/01/21 – FGIC Insured	No Opt. Call	Aa2	2,147,638
15,595	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A, 5.500%, 6/15/50	6/20 at 100.00	AAA	16,960,807
	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:			
8,000	0.000%, 6/15/26 – NPFPG Insured	6/22 at 101.00	AAA	7,025,760
3,385	5.000%, 12/15/28 – NPFPG Insured	6/12 at 101.00	AAA	3,432,999
165,775	Total Illinois			152,731,577
	Indiana – 1.5% (1.0% of Total Investments)			
3,880	Indiana Finance Authority Health System Revenue Bonds, Sisters of St. Francis Health Services, Inc. Obligated Group, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	4,179,963
2,500	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2010B., 5.000%, 12/01/37	12/20 at 100.00	AA	2,658,575
	Indiana University, Student Fee Revenue Bonds, Series 2004P:			
2,750	5.000%, 8/01/22 – AMBAC Insured	8/14 at 100.00	Aaa	3,002,148
1,600	5.000%, 8/01/24 – AMBAC Insured	8/14 at 100.00	Aaa	1,724,848
4,300	Saint Joseph County, Indiana, Educational Facilities Revenue Bonds, University of Notre Dame du Lac Project, Refunding Series 2009, 5.000%, 3/01/36	3/18 at 100.00	Aaa	4,738,256
1,550	St. Joseph County Hospital Authority, Indiana, Revenue Bonds, Madison Center Inc., Series 2005, 5.250%, 2/15/23 (5)	2/15 at 100.00	N/R	221,418
16,580	Total Indiana			16,525,208
	Iowa – 0.6% (0.4% of Total Investments)			
8,340	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C, 5.500%,	6/15 at 100.00	B+	6,813,280

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

	6/01/42			
	Kansas – 0.0% (0.0% of Total Investments)			
90	Sedgwick and Shawnee Counties, Kansas, GNMA Collateralized Single Family Mortgage Revenue Refunding Bonds, Series 1994A-1, 7.900%, 5/01/24 (Alternative Minimum Tax)	No Opt. Call	Aaa	91,591
	Kentucky – 1.0% (0.7% of Total Investments)			
4,300	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.500%, 3/01/45	6/20 at 100.00	BBB+	4,957,642
1,000	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Baptist Healthcare System Obligated Group, Series 2011, 5.000%, 8/15/42	8/21 at 100.00	AA–	1,059,780
4,630	Lexington-Fayette Urban County Government Public Facilities Corporation, Kentucky State Lease Revenue Bonds, Eastern State Hospital Project, Series 2011A, 5.250%, 6/01/31	6/21 at 100.00	Aa3	5,233,150
9,930	Total Kentucky			11,250,572
	Louisiana – 4.9% (3.3% of Total Investments)			
4,350	Louisiana Citizens Property Insurance Corporation, Assessment Revenue Bonds, Series 2006B, 5.000%, 6/01/22 – AMBAC Insured	6/16 at 100.00	A–	4,735,932
4,000	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31	8/15 at 100.00	A+	4,101,000
2,700	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	2,769,336
5,750	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2011, 6.750%, 5/15/41	5/21 at 100.00	Baa1	6,676,728
3,000	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Second Lien Series 2010B, 5.000%, 5/01/45	5/20 at 100.00	AA	3,282,150

Nuveen Investments

37

Nuveen Premium Income Municipal Fund 2, Inc. (continued)				
Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Louisiana (continued)				
Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:				
\$ 14,550	4.750%, 5/01/39 – AGM Insured (UB)	5/16 at 100.00	Aa1	\$ 15,116,286
5,920	4.500%, 5/01/41 – FGIC Insured (UB)	5/16 at 100.00	Aa1	6,053,792
Tobacco Settlement Financing Corporation, Louisiana, Tobacco Settlement Asset-Backed Bonds, Series 2001B:				
105	5.500%, 5/15/30	5/12 at 100.00	A1	105,767
11,360	5.875%, 5/15/39	5/12 at 100.00	A-	11,405,667
51,735	Total Louisiana			54,246,658
Maryland – 0.5% (0.4% of Total Investments)				
1,865	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/26 – SYNCORA GTY Insured	9/16 at 100.00	BB+	1,856,496
1,205	Maryland Economic Development Corporation, Student Housing Revenue Refunding Bonds, University of Maryland College Park Projects, Series 2006, 5.000%, 6/01/28 – CIFG Insured	6/16 at 100.00	AA-	1,244,235
1,390	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2004A, 5.250%, 7/01/19 (Pre-refunded 7/01/14)	7/14 at 100.00	A2 (4)	1,534,352
1,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Center, Series 2011, 6.250%, 7/01/31	7/21 at 100.00	BBB	1,164,130
5,460	Total Maryland			5,799,213
Massachusetts – 5.2% (3.4% of Total Investments)				
8,125	Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Senior Lien Series 2010B, 5.000%, 1/01/37	1/20 at 100.00	A+	8,804,575
1,005	Massachusetts Development Finance Agency, Pioneer Valley Resource Recovery Revenue Bonds, Eco/Springfield LLC, Series 2000A, 8.375%, 7/01/14 (Alternative Minimum Tax)	No Opt. Call	N/R	1,038,848
1,005	Massachusetts Development Finance Agency, Pioneer Valley Resource Recovery Revenue Bonds,	No Opt. Call	N/R	989,694

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

Eco/Springfield LLC, Series 2006, 5.875%, 7/01/14
(Alternative Minimum Tax)

1,000	Massachusetts Development Finance Authority, Revenue Bonds, Hampshire College, Series 2004, 5.700%, 10/01/34	10/14 at 100.00	BBB	1,026,490
9,175	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Berkshire Health System, Series 2001E, 5.700%, 10/01/25 – RAAI Insured	10/13 at 100.00	BBB+	9,272,530
1,500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Eye and Ear Infirmary, Series 2010C, 5.375%, 7/01/35	7/20 at 100.00	BBB–	1,570,515
900	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A	975,951
Massachusetts State, Special Obligation Dedicated Tax Revenue Bonds, Series 2004:				
2,250	5.250%, 1/01/21 (Pre-refunded 1/01/14) – FGIC Insured	1/14 at 100.00	A1 (4)	2,433,938
4,000	5.250%, 1/01/24 (Pre-refunded 1/01/14) – FGIC Insured	1/14 at 100.00	A1 (4)	4,327,000
3,795	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB) (6)	2/17 at 100.00	AA+	3,907,484
Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2002E:				
11,400	5.250%, 1/01/21 (Pre-refunded 1/01/13) – AGM Insured	1/13 at 100.00	AA+ (4)	11,777,454
1,850	5.250%, 1/01/21 (Pre-refunded 1/01/13) – AGM Insured	1/13 at 100.00	AA+ (4)	1,911,254
8,050	Metropolitan Boston Transit Parking Corporation, Massachusetts, Systemwide Senior Lien Parking Revenue Bonds, Series 2011, 5.000%, 7/01/41	7/21 at 100.00	A+	8,620,906
54,055	Total Massachusetts			56,656,639
Michigan – 4.9% (3.3% of Total Investments)				
7,000	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.250%, 11/01/35	11/20 at 100.00	AA	7,497,700
Grand Rapids and Kent County Joint Building Authority, Michigan, Limited Tax General Obligation Bonds, Devos Place Project, Series 2001:				
7,660	0.000%, 12/01/21	No Opt. Call	AAA	5,742,625
7,955	0.000%, 12/01/22	No Opt. Call	AAA	5,691,484
8,260	0.000%, 12/01/23	No Opt. Call	AAA	5,651,822
8,575	0.000%, 12/01/24	No Opt. Call	AAA	5,580,782

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Michigan (continued)				
\$ 1,200	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100.00	BB+	\$ 1,229,376
10,000	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011, 5.000%, 12/01/39	12/21 at 100.00	AA	10,777,000
6,200	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39	11/19 at 100.00	A1	6,813,490
Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A:				
275	5.000%, 12/01/31 (Pre-refunded 12/01/16) (UB)	12/16 at 100.00	N/R (4)	326,565
1,225	5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	1,282,355
340	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100.00	BBB	343,383
3,270	Romulus Community Schools, Wayne County, Michigan, General Obligation Bonds, Series 2003, 5.000%, 5/01/22	5/13 at 100.00	Aa2	3,409,204
61,960	Total Michigan			54,345,786
Minnesota – 1.4% (0.9% of Total Investments)				
8,165	Cohasset, Minnesota, Pollution Control Revenue Bonds, Allete Inc., Series 2004, 4.950%, 7/01/22	7/14 at 100.00	A2	8,497,397
Minneapolis-St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, HealthPartners Inc., Series 2003:				
1,000	6.000%, 12/01/18	12/13 at 100.00	A3	1,059,410
1,050	5.875%, 12/01/29	12/13 at 100.00	A3	1,082,949
580	Minnesota Housing Finance Agency, Single Family Remarketed Mortgage Bonds, Series 1998H-2, 6.050%, 7/01/31 (Alternative Minimum Tax)	7/12 at 100.00	AA+	593,711
1,000	Minnesota Municipal Power Agency, Electric Revenue Bonds, Series 2004A, 5.250%, 10/01/19	10/14 at 100.00	A3	1,095,030
1,620	St. Louis Park, Minnesota, Revenue Bonds, Park Nicollet Health Services, Series 2003B, 5.500%, 7/01/25 (Pre-refunded 7/01/14)	7/14 at 100.00	N/R (4)	1,797,341
1,000	St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, Healtheast Inc., Series 2005, 6.000%, 11/15/25	11/15 at 100.00	BBB-	1,028,150

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

14,415	Total Minnesota			15,153,988
	Mississippi – 0.4% (0.2% of Total Investments)			
3,675	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	3,839,897
	Missouri – 1.7% (1.2% of Total Investments)			
2,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior Services – Heisinger Project, Series 2004, 5.250%, 2/01/24	2/14 at 100.00	BBB+	2,030,000
200	Hannibal Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Hannibal Regional Hospital, Series 2006, 5.000%, 3/01/22	3/16 at 100.00	BBB+	206,728
2,885	Joplin Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Freeman Health System, Series 2004, 5.500%, 2/15/24	2/15 at 102.00	BBB+	3,034,097
9,000	Kansas City, Missouri, Airport Revenue Bonds, General Improvement Projects, Series 2003B, 5.250%, 9/01/17 – FGIC Insured	9/12 at 100.00	A+	9,118,170
	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A:			
780	6.000%, 6/01/20	No Opt. Call	A	889,676
1,525	5.000%, 6/01/35	6/15 at 100.00	A	1,561,905
1,000	Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series 2003, 5.125%, 5/15/24	5/13 at 100.00	AA	1,041,090
1,200	Missouri Health and Educational Facilities Authority, Revenue Bonds, Lake Regional Health System, Series 2003, 5.125%, 2/15/18	2/14 at 100.00	BBB+	1,254,060
18,590	Total Missouri			19,135,726
	Nebraska – 0.8% (0.5% of Total Investments)			
1,470	Municipal Energy Agency of Nebraska, Power Supply System Revenue Bonds, Series 2003A, 5.250%, 4/01/23 (Pre-refunded 4/01/13) – AGM Insured	4/13 at 100.00	AA– (4)	1,536,694

Nuveen Investments

39

NPM		Nuveen Premium Income Municipal Fund 2, Inc. (continued) Portfolio of Investments			April 30, 2012 (Unaudited)
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value	
Nebraska (continued)					
\$ 5,130	Omaha Public Power District, Nebraska, Electric System Revenue Bonds, Series 2007A, 5.000%, 2/01/43	2/17 at 100.00	Aa1	\$ 5,605,808	
1,050	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Series 2006A, 19.731%, 8/01/40 – AMBAC Insured (IF)	2/17 at 100.00	AA+	1,752,072	
7,650	Total Nebraska			8,894,574	
Nevada – 6.8% (4.5% of Total Investments)					
10,410	Clark County School District, Nevada, General Obligation Bonds, Series 2002C, 5.500%, 6/15/18 (Pre-refunded 6/15/12) – NPMFG Insured	6/12 at 100.00	AA (4)	10,479,227	
10,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42 Clark County, Nevada, General Obligation Bonds, Bond Bank Refunding Series 2009:	1/20 at 100.00	Aa3	11,183,900	
3,520	5.000%, 6/01/27	6/19 at 100.00	AA+	3,919,942	
3,695	5.000%, 6/01/28	6/19 at 100.00	AA+	4,092,619	
3,880	5.000%, 6/01/29	6/19 at 100.00	AA+	4,279,446	
Clark County, Nevada, General Obligation Transportation Bonds, Refunding Series 2010B:					
4,915	5.000%, 7/01/25	1/20 at 100.00	AA+	5,603,690	
4,160	5.000%, 7/01/26	1/20 at 100.00	AA+	4,701,715	
5,795	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 (Pre-refunded 7/01/13) – AMBAC Insured	7/13 at 100.00	AA– (4)	6,113,030	
4,000	Clark County, Nevada, Subordinate Lien Airport Revenue Bonds, Series 2004A-2, 5.125%, 7/01/25 – FGIC Insured	7/14 at 100.00	Aa3	4,279,400	
10,000	Las Vegas Valley Water District, Nevada, Limited Tax General Obligation Bonds, Water & Refunding Series 2011C, 5.000%, 6/01/38	6/21 at 100.00	AA+	10,982,900	
8,540	Washoe County, Nevada, General Obligation Bonds, Reno-Sparks Convention & Visitors	7/21 at 100.00	AA	9,227,128	

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

	Authority, Refunding Series 2011, 5.000%, 7/01/32			
68,915	Total Nevada			74,862,997
	New Jersey – 5.4% (3.6% of Total Investments)			
5,480	Essex County Improvement Authority, New Jersey, Lease Revenue Bonds, Series 2003, 5.125%, 12/15/20 – AGM Insured	12/13 at 100.00	Aa2	5,850,667
135	Essex County Improvement Authority, New Jersey, Lease Revenue Bonds, Series 2003, 5.125%, 12/15/20 (Pre-refunded 12/15/13) – AGM Insured	12/13 at 100.00	Aa2 (4)	145,595
	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005P:			
1,325	5.250%, 9/01/24	9/15 at 100.00	A+	1,461,104
1,000	5.250%, 9/01/26	9/15 at 100.00	A+	1,103,740
520	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37	7/18 at 100.00	BBB–	546,780
3,675	New Jersey Housing and Mortgage Finance Agency, Multifamily Housing Revenue Bonds, Series 1997A, 5.650%, 5/01/40 – AMBAC Insured (Alternative Minimum Tax)	11/12 at 100.00	A+	3,677,132
17,300	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Capital Appreciation Series 2010A, 0.000%, 12/15/33	No Opt. Call	A+	5,828,197
3,425	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call	A+	4,193,878
3,400	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2003C, 5.500%, 6/15/22 (Pre-refunded 6/15/13)	6/13 at 100.00	Aaa	3,600,090
5,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2010D, 5.000%, 12/15/23	No Opt. Call	A+	6,045,150
4,000	New Jersey Turnpike Authority, Revenue Bonds, Series 2003A, 5.000%, 1/01/19 – FGIC Insured	7/13 at 100.00	A+	4,196,320
3,000	New Jersey Turnpike Authority, Revenue Bonds, Series 2005A, 5.000%, 1/01/24 – AGM Insured	1/15 at 100.00	AA–	3,203,250
5,000	New Jersey Turnpike Authority, Revenue Bonds, Series 2009H, 5.000%, 1/01/36	1/19 at 100.00	A+	5,472,000
	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A:			
10,555	5.000%, 6/01/29	6/17 at 100.00	B2	9,582,779
6,125	4.750%, 6/01/34	6/17 at 100.00	B2	4,781,359
69,940	Total New Jersey			59,688,041

40 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New York – 7.0% (4.6% of Total Investments)			
\$ 5,000	Dormitory Authority of the State of New York, FHA-Insured Revenue Bonds, Montefiore Medical Center, Series 2005, 5.000%, 2/01/28 – FGIC Insured	2/15 at 100.00	BBB \$	5,419,950
1,500	Dormitory Authority of the State of New York, State and Local Appropriation Lease Bonds, Upstate Community Colleges, Series 2004B, 5.250%, 7/01/19	7/14 at 100.00	AA–	1,610,745
1,250	Hempstead Town Industrial Development Agency, New York, Revenue Bonds, Adelphi University, Civic Facility Project, Series 2005, 5.000%, 10/01/30	10/15 at 100.00	A	1,310,925
2,100	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A, 5.750%, 2/15/47	2/21 at 100.00	A	2,374,155
5,025	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMFG Insured	2/17 at 100.00	A	5,002,790
2,575	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 – NPMFG Insured	11/16 at 100.00	A	2,626,706
2,100	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+	2,393,391
	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2003B:			
6,875	5.000%, 8/01/23 (UB)	8/13 at 100.00	AAA	7,235,731
7,260	5.000%, 8/01/24 (UB)	8/13 at 100.00	AAA	7,628,445
2,500	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2004C, 5.000%, 2/01/22 (UB)	2/14 at 100.00	AAA	2,688,750
10	New York City, New York, General Obligation Bonds, Fiscal Series 1996J, 5.500%, 2/15/26	5/12 at 100.00	AA	10,040
2,150	New York City, New York, General Obligation Bonds, Fiscal Series 2005J, 5.000%, 3/01/25	3/15 at 100.00	AA	2,355,734
5,000	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/24 (UB)	4/15 at 100.00	AA	5,483,700
4,000	New York City, New York, General Obligation Bonds, Series 2004C-1, 5.250%, 8/15/20 (UB)	8/14 at 100.00	AA	4,396,440

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

New York Convention Center Development Corporation, Hotel Unit Fee Revenue Bonds, Series 2005:				
2,475	5.000%, 11/15/44 – AMBAC Insured	11/15 at 100.00	AA+	2,597,191
1,235	16.498%, 11/15/44 – AMBAC Insured (IF)	11/15 at 100.00	AA+	1,478,888
New York State Municipal Bond Bank Agency, Special School Purpose Revenue Bonds, Series 2003C:				
6,000	5.250%, 6/01/20	6/13 at 100.00	AA–	6,298,980
5,100	5.250%, 6/01/21	6/13 at 100.00	AA–	5,350,155
2,000	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1, 5.500%, 6/01/19	6/13 at 100.00	AA–	2,107,600
1,060	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB–	1,178,063
6,250	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Series 1997, 6.250%, 12/01/15 – NPMFG Insured (Alternative Minimum Tax)	No Opt. Call	BBB	6,922,750
71,465	Total New York			76,471,129
North Carolina – 0.8% (0.5% of Total Investments)				
1,775	Charlotte-Mecklenberg Hospital Authority, North Carolina, Carolinas HealthCare System Revenue Bonds, Series 2008, Trust 1149, 14.827%, 7/15/32 (IF) (6)	1/18 at 100.00	AA–	2,005,289
1,000	Charlotte-Mecklenberg Hospital Authority, North Carolina, Health Care Revenue Bonds, Carolinas HealthCare System, Series 2011A, 5.250%, 1/15/42	1/21 at 100.00	AA–	1,108,550
1,825	Durham Urban Redevelopment Authority, North Carolina, FHA-Insured Mortgage Loan Revenue Bonds, Durham Hosiery Mill, Series 1987, 7.500%, 8/01/29 (Alternative Minimum Tax)	8/12 at 100.00	AA+	1,834,070
North Carolina Infrastructure Finance Corporation, Certificates of Participation, Correctional Facilities, Series 2004A:				
1,250	5.000%, 2/01/21 (Pre-refunded 2/01/14)	2/14 at 100.00	AA+ (4)	1,349,363
2,445	5.000%, 2/01/22 (Pre-refunded 2/01/14)	2/14 at 100.00	AA+ (4)	2,639,353
8,295	Total North Carolina			8,936,625

NPM Nuveen Premium Income Municipal Fund 2, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Ohio – 2.8% (1.9% of Total Investments)				
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:			
\$ 1,075	5.125%, 6/01/24	6/17 at 100.00	B \$	878,780
900	5.875%, 6/01/30	6/17 at 100.00	B+	725,310
845	5.750%, 6/01/34	6/17 at 100.00	BB	659,421
1,965	5.875%, 6/01/47	6/17 at 100.00	BB	1,535,844
3,000	Columbus City School District, Franklin County, Ohio, General Obligation Bonds, Series 2004, 5.250%, 12/01/24 (Pre-refunded 12/01/14) – AGM Insured	12/14 at 100.00	AA+ (4)	3,366,330
2,330	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2003C: 5.250%, 5/15/17 – NPMFG Insured	5/13 at 100.00	AA	2,429,514
4,105	5.250%, 5/15/18 – NPMFG Insured	5/13 at 100.00	AA	4,262,878
4,495	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	AA	4,806,234
10,000	Greene County, Ohio, Hospital Facilities Revenue Bonds, Kettering Health Network Series 2009, 5.500%, 4/01/39	4/19 at 100.00	A	10,652,800
2,000	Ohio Housing Finance Agency, FHA-Insured Multifamily Housing Mortgage Revenue Bonds, Courtyards of Kettering, Series 1998B-1, 5.550%, 1/01/40 (Alternative Minimum Tax)	7/12 at 100.00	Aa2	2,001,320
30,715	Total Ohio			31,318,431
Oklahoma – 1.9% (1.3% of Total Investments)				
750	Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2005, 5.375%, 9/01/36	9/16 at 100.00	BB+	728,340
2,690	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007: 5.000%, 2/15/37		A	2,813,848

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

		2/17 at 100.00		
1,020	5.000%, 2/15/42	2/17 at 100.00	A	1,062,432
10,000	Oklahoma Municipal Power Authority, Power Supply System Revenue Bonds, Series 2007, 4.500%, 1/01/47 – FGIC Insured	1/17 at 100.00	A	10,271,500
570	Oklahoma State Student Loan Authority, Senior Lien Revenue Bonds, Series 2001A-1, 5.625%, 6/01/31 (Alternative Minimum Tax)	6/12 at 101.00	Aaa	577,758
5,460	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+	5,710,505
99	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2008, Trust 3500, 8.325%, 6/15/30 (IF)	12/16 at 100.00	AA+	107,258
20,589	Total Oklahoma			21,271,641
	Oregon – 0.8% (0.5% of Total Investments)			
7,860	Multnomah County Hospital Facilities Authority, Oregon, Revenue Bonds, Sisters of Providence Health System, Series 2004, 5.500%, 10/01/21 (UB)	10/14 at 100.00	AA	8,574,710
	Pennsylvania – 2.7% (1.8% of Total Investments)			
3,500	Allegheny County Sanitary Authority, Pennsylvania, Sewerage Revenue Bonds, Series 2005A, 5.000%, 12/01/23 – NPMFG Insured	12/15 at 100.00	A1	3,920,630
1,500	Annville-Cleona School District, Lebanon County, Pennsylvania, General Obligation Bonds, Series 2005, 6.000%, 3/01/28 – AGM Insured	3/15 at 100.00	Aa3	1,621,620
500	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	463,750
1,050	Delaware Valley Regional Finance Authority, Pennsylvania, Local Government Revenue Bonds, Series 1997B, 5.700%, 7/01/27 – AMBAC Insured	No Opt. Call	A2	1,237,646
50	Luzerne County, Pennsylvania, General Obligation Bonds, Series 2003C, 5.250%, 12/15/16 – FGIC Insured	No Opt. Call	N/R	55,372
5,850	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	Aa2	6,021,932
1,000	Pennsylvania State University, General Revenue Bonds, Series 2005, 5.000%, 9/01/29	9/15 at 100.00	Aa1	1,098,530
15,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Capital Appreciation Series 2009E, 0.000%, 12/01/38	12/27 at 100.00	A–	13,640,700
1,050	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2006A, 5.000%, 12/01/26 –	6/16 at 100.00	Aa3	1,173,207

AMBAC Insured

29,500	Total Pennsylvania	29,233,387
--------	--------------------	------------

42 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Puerto Rico – 0.7% (0.4% of Total Investments)			
\$ 8,750	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2010A, 0.000%, 8/01/33	8/29 at 100.00	A+	\$ 7,336,963
	Rhode Island – 1.5% (1.0% of Total Investments)			
	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A:			
5,305	6.000%, 6/01/23	6/12 at 100.00	Baa1	5,323,886
6,425	6.125%, 6/01/32	6/12 at 100.00	BBB+	6,448,130
5,110	6.250%, 6/01/42	6/12 at 100.00	BBB+	5,129,367
16,840	Total Rhode Island			16,901,383
	South Carolina – 4.5% (3.0% of Total Investments)			
9,000	Berkeley County School District, South Carolina, Installment Purchase Revenue Bonds, Securing Assets for Education, Series 2003, 5.250%, 12/01/24	12/13 at 100.00	A1	9,365,220
15,445	Greenville County School District, South Carolina, Installment Purchase Revenue Bonds, Series 2002, 5.875%, 12/01/17 (Pre-refunded 12/01/12)	12/12 at 101.00	AA (4)	16,113,611
2,500	Greenville, South Carolina, Hospital Facilities Revenue Refunding Bonds, Series 2003A, 5.000%, 5/01/25 – AMBAC Insured	5/13 at 100.00	AA–	2,542,950
1,250	South Carolina JOBS Economic Development Authority, Economic Development Revenue Bonds, Bon Secours Health System Inc., Series 2002A, 5.625%, 11/15/30 (Pre-refunded 11/15/12)	11/12 at 100.00	A3 (4)	1,286,800
4,750	South Carolina JOBS Economic Development Authority, Economic Development Revenue Bonds, Bon Secours Health System Inc., Series 2002B, 5.625%, 11/15/30	11/12 at 100.00	A–	4,772,230
	South Carolina JOBS Economic Development Authority, Hospital Refunding and Improvement Revenue Bonds, Palmetto Health Alliance, Series 2003C:			
1,335	6.875%, 8/01/27 (Pre-refunded 8/01/13)	8/13 at 100.00	BBB+ (4)	1,442,775
165	6.875%, 8/01/27 (Pre-refunded 8/01/13)	8/13 at 100.00	BBB+ (4)	178,429
4,450	6.375%, 8/01/34 (Pre-refunded 8/01/13)	8/13 at 100.00	BBB+ (4)	4,781,792
550	6.375%, 8/01/34 (Pre-refunded 8/01/13)		BBB+ (4)	591,371

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

		8/13 at 100.00		
8,100	South Carolina Transportation Infrastructure Bank, Revenue Bonds, Series 2002A, 5.000%, 10/01/33 (Pre-refunded 10/01/12) – AMBAC Insured	10/12 at 100.00	A1 (4)	8,239,482
47,545	Total South Carolina Tennessee – 0.3% (0.2% of Total Investments)			49,314,660
3,200	Johnson City Health and Educational Facilities Board, Tennessee, Revenue Bonds, Mountain States Health Alliance, Series 2006A, 5.500%, 7/01/36	7/16 at 100.00	BBB+	3,343,072
	Sumner County Health, Educational, and Housing Facilities Board, Tennessee, Revenue Refunding Bonds, Sumner Regional Health System Inc., Series 2007:			
800	5.500%, 11/01/37 (5)	11/17 at 100.00	N/R	15,992
1,000	5.500%, 11/01/46 (5)	11/17 at 100.00	B–	19,990
5,000	Total Tennessee Texas – 7.9% (5.2% of Total Investments)			3,379,054
5,810	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	6,019,915
5,110	Brazos River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Electric Company, Series 1999C, 7.700%, 3/01/32 (Alternative Minimum Tax)	4/13 at 101.00	Ca	728,175
10,000	Brazos River Harbor Navigation District, Brazoria County, Texas, Environmental Facilities Revenue Bonds, Dow Chemical Company Project, Series 2002A-6, 6.250%, 5/15/33 (Mandatory put 5/15/17) (Alternative Minimum Tax)	5/12 at 101.00	BBB	10,118,900
1,000	Bryan, Brazos County, Texas, Electric System Revenue Bonds, Series 2009, 5.000%, 7/01/34	7/17 at 100.00	A+	1,065,700
5,240	Central Texas Regional Mobility Authority, Senior Lien Revenue Bonds, Series 2011, 6.250%, 1/01/46	1/21 at 100.00	BBB–	5,792,820
6,100	Dallas-Ft. Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 (WI/DD, Settling 5/10/12) – AGM Insured	11/21 at 100.00	A+	6,575,800
	Harris County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Memorial Hermann Healthcare System, Series 2004A:			
1,000	5.000%, 12/01/20	12/14 at 100.00	A+	1,062,910
1,000	5.000%, 12/01/21	12/14 at 100.00	A+	1,060,070
2,500	5.125%, 12/01/22		A+	2,643,275

			12/14 at 100.00		
2,925	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Senior Lien Series 2001G, 5.250%, 11/15/30 – NPFG Insured		11/12 at 100.00	BBB	2,954,250

Nuveen Investments

43

NPM Nuveen Premium Income Municipal Fund 2, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 4,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/15/24 – FGIC Insured	5/14 at 100.00	AA	\$ 4,316,040
6,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2011D, 5.000%, 11/15/40	11/21 at 100.00	AA	6,660,360
10,850	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B, 0.000%, 9/01/25 – AMBAC Insured	No Opt. Call	A2	5,767,535
	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005:			
800	5.250%, 8/15/21	2/16 at 100.00	BBB–	839,232
1,250	5.125%, 8/15/26	2/16 at 100.00	BBB–	1,270,900
3,000	Love Field Airport Modernization Corporation, Texas, Special Facilities Revenue Bonds, Southwest Airlines Company, Series 2010, 5.250%, 11/01/40	11/20 at 100.00	BBB–	3,109,650
3,100	North Texas Tollway Authority, Second Tier System Revenue Refunding Bonds, Series 2008F, 5.750%, 1/01/38	1/18 at 100.00	A3	3,350,542
	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A:			
1,880	0.000%, 9/01/43	9/31 at 100.00	AA	1,222,451
7,990	0.000%, 9/01/45	9/31 at 100.00	AA	5,743,372
1,000	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Electric Company, Series 2001C, 5.200%, 5/01/28	11/15 at 100.00	CCC	102,580
2,500	Southwest Higher Education Authority Inc, Texas, Revenue Bonds, Southern Methodist University, Series 2010, 5.000%, 10/01/41	10/20 at 100.00	AA–	2,774,250
7,100	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA–	7,458,550

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

3,755	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.571%, 4/01/28 (IF)	4/17 at 100.00	Aaa	5,876,312
93,910	Total Texas Utah – 0.6% (0.4% of Total Investments)			86,513,589
6,335	Riverton, Utah, Hospital Revenue Bonds, IHC Health Services, Inc., Series 2009, 5.000%, 8/15/41 Washington – 7.8% (5.2% of Total Investments)	8/19 at 100.00	AA+	6,800,242
15,000	Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002A, 5.450%, 7/01/37 (Pre-refunded 7/01/12) – AMBAC Insured (Alternative Minimum Tax)	7/12 at 100.00	AA+ (4)	15,123,000
6,000	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Columbia Generating Station, Series 2002A, 5.750%, 7/01/17 – NPMG Insured	7/12 at 100.00	Aa1	6,053,760
5,000	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Nuclear Project 1, Series 2003A, 5.500%, 7/01/16 (Pre-refunded 7/01/13)	7/13 at 100.00	Aa1 (4)	5,305,400
10,080	King County School District 401, Highline, Washington, General Obligation Bonds, Series 2002, 5.500%, 12/01/16 (Pre-refunded 6/01/12) – FGIC Insured	6/12 at 100.00	AA+ (4)	10,125,662
10,000	King County, Washington, Sewer Revenue Bonds, Refunding Series 2012, 5.000%, 1/01/52	1/22 at 100.00	AA+	10,840,800
2,500	King County, Washington, Sewer Revenue Bonds, Series 2009, 5.250%, 1/01/42	1/19 at 100.00	AA+	2,818,125
4,160	Port of Seattle, Washington, Revenue Bonds, Intermediate Lien Refunding Series 2012A, 5.000%, 8/01/30	8/22 at 100.00	Aa3	4,757,085
6,965	Port of Seattle, Washington, Revenue Bonds, Subordinate Lien Series 1999A, 5.250%, 9/01/22 (Pre-refunded 9/01/12) – FGIC Insured	9/12 at 100.00	A1 (4)	7,083,544
2,820	Skagit County Public Hospital District 1, Washington, General Obligation Bonds, Series 2004A, 5.375%, 12/01/19 – NPMG Insured	12/14 at 100.00	A1	3,072,531
5,000	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	5,530,700
3,410	Washington State Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2011A, 5.625%, 1/01/35	1/21 at 100.00	A	3,676,287
4,155	Washington State Health Care Facilities Authority, Revenue Bonds, Kadlec Regional Medical Center, Series 2010, 5.500%, 12/01/39	12/20 at 100.00	Baa2	4,296,935
1,000	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	980,950

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Washington (continued)			
	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002:			
\$ 3,220	6.500%, 6/01/26	6/13 at 100.00	A3	\$ 3,348,253
2,395	6.625%, 6/01/32	6/13 at 100.00	Baa1	2,485,507
81,705	Total Washington			85,498,539
	West Virginia – 0.2% (0.2% of Total Investments)			
2,355	West Virginia University, University Revenue Improvement Bonds, West Virginia University Projects, Series 2004C, 5.000%, 10/01/24 – FGIC Insured	10/14 at 100.00	Aa3	2,559,791
	Wisconsin – 1.9% (1.2% of Total Investments)			
1,135	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2010A, 5.625%, 4/15/39	4/20 at 100.00	A	1,229,466
6,775	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25	7/21 at 100.00	A	7,466,660
315	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Divine Savior Healthcare, Series 2006, 5.000%, 5/01/32	5/16 at 100.00	BBB	317,668
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Fort Healthcare Inc., Series 2004, 5.750%, 5/01/24	5/14 at 100.00	BBB+	1,026,860
4,530	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006, 5.250%, 8/15/34	8/16 at 100.00	A–	4,694,031
5,300	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 – FGIC Insured (UB)	5/16 at 100.00	AA	5,954,656
19,055	Total Wisconsin			20,689,341
	Wyoming – 0.2% (0.1% of Total Investments)			
2,250	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds, FMC Corporation, Series 2005, 5.600%, 12/01/35 (Alternative Minimum Tax)	12/15 at 100.00	BBB+	2,325,015
\$ 1,672,184	Total Investments (cost \$1,541,999,477) – 150.8%			1,657,240,217
	Floating Rate Obligations – (8.7%)			(95,759,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (44.5%) (7)			(489,500,000)
	Other Assets Less Liabilities – 2.4%			27,347,407
	Net Assets Applicable to Common Shares – 100%			\$ 1,099,328,624

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
 - (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. 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) At or subsequent to the end of the reporting period, this security is non-income producing. Non-income producing security, in the case of a bond, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has directed the Fund's custodian to cease accruing additional income on the Fund's records.
 - (6) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
 - (7) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 29.5%.
- N/R Not rated.
- WI/DD 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. See Notes to Financial Statements, Footnote 1 – General Information and Significant Accounting Policies, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

NPT Nuveen Premium Income Municipal Fund 4, Inc.
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Alabama – 3.8% (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)	11/12 at 100.00	Aaa	\$ 11,939,963
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+	5,247,000
1,000	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A, 5.000%, 11/15/30	11/15 at 100.00	Baa2	996,390
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	1,012,470
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	1,479,780
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	2,494,748
22,720	Total Alabama			23,170,351
Alaska – 0.8% (0.6% of Total Investments)				
1,665	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 – FGIC Insured (UB)	12/14 at 100.00	AA+	1,718,696
3,065	Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26 (Pre-refunded 12/01/13) – NPFG Insured	12/13 at 100.00	AA (4)	3,306,001
4,730	Total Alaska			5,024,697
Arizona – 2.4% (1.6% of Total Investments)				
1,300	Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds, Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30	3/22 at 100.00	BBB–	1,310,842
5,000	Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Series 2003A, 5.000%, 7/01/31 – NPFG Insured	7/13 at 100.00	A1	5,034,100

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

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+	428,124
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	990,337
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	3,999,306
3,000	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	A-	3,047,850
14,360	Total Arizona California – 23.0% (15.3% of Total Investments)			14,810,559
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-	1,645,605
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	7,975,520
17,000	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A, 5.000%, 3/01/33	3/13 at 100.00	A	17,102,000
5,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	5,164,000
2,900	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA-	3,005,270
1,390	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,492,151
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	1,426,888
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	1,669,140

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	California (continued)			
\$ 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	\$ 4,822,740
19,095	California State, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 – CIFG Insured	6/15 at 100.00	A1	20,215,108
1,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	A1	1,111,720
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+	1,092,892
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	BBB	1,112,507
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	999,190
1,685	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.558%, 5/15/14 (IF)	No Opt. Call	AA-	2,314,297
4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14 (ETM)	No Opt. Call	Aaa	4,750,173
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	1,183,850
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	2,097,400
1,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2003A-1, 6.750%, 6/01/39 (Pre-refunded 6/01/13)	6/13 at 100.00	Aaa	1,069,520
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
3,000	5.750%, 6/01/47	6/17 at 100.00	BB-	2,472,120
610	5.125%, 6/01/47	6/17 at 100.00	BB-	453,724
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	1,647,571
360			AA-	381,229

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

	Jurupa Public Financing Authority, California, Superior Lien Revenue Bonds, Series 2010A, 5.000%, 9/01/33	9/20 at 100.00		
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+	562,469
2,000	Marinez Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2011, 0.000%, 8/01/31	8/24 at 100.00	AA-	1,988,120
1,000	Mendocino-Lake Community College District, California, General Obligation Bonds, Capital Appreciation, Election 2006, Series 2011, 0.000%, 8/01/31 – AGM Insured	8/26 at 100.00	AA-	900,170
2,700	M-S-R Energy Authority, California, Gas Revenue Bonds, Series 2009C, 7.000%, 11/01/34	No Opt. Call	A	3,450,627
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Baa3	3,322,620
1,250	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Baa3	1,348,875
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA-	2,826,575
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-	2,137,440
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+	11,664,795
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-	761,174
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:			
4,430	0.000%, 1/15/32 – NPMFG Insured	No Opt. Call	BBB	1,215,681
31,300	0.000%, 1/15/34 – NPMFG Insured	No Opt. Call	BBB	7,537,666
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 3030, 16.757%, 9/01/38 – NPMFG Insured (IF)	9/17 at 100.00	AA+	5,161,840
440	Semitrophic Improvement District of Semitrophic Water Storage District, Kern County, California, Revenue Bonds, Refunding Series 2009A, 5.000%, 12/01/38	12/19 at 100.00	AA-	478,887

NPT Nuveen Premium Income Municipal Fund 4, Inc. (continued) Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
California (continued)				
\$ 690	South Gate Public Financing Authority, California, No Opt. Call Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 – FGIC Insured		BBB	\$ 697,169
Wisburn School District, Los Angeles County, California, General Obligation Bonds, Series 2011B:				
4,005	0.000%, 8/01/36 – AGM Insured	8/31 at 100.00	AA–	2,129,939
3,900	5.625%, 5/01/41 – AGM Insured	8/21 at 100.00	AA–	4,426,188
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	3,290,130
162,545	Total California			139,104,980
Colorado – 5.4% (3.6% of Total Investments)				
1,250	Adams County School District 1, Mapleton Public Schools, Colorado, General Obligation Bonds, Series 2010, 6.250%, 12/01/35	12/20 at 100.00	Aa2	1,526,850
4,735	Broomfield, Colorado, Water Activity Enterprise, Water Revenue Bonds, Series 2012, 5.000%, 12/01/20	No Opt. Call	A1	5,680,153
120	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1999C-3, 6.750%, 10/01/21	10/12 at 104.50	Aa2	121,489
1,200	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System Revenue Bonds, Series 2009A, 5.000%, 3/01/34	3/19 at 100.00	Aa2	1,315,800
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	1,061,340
1,035	Denver City and County, Colorado, Airport System No Opt. Call Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)		A+	1,094,978
Denver Convention Center Hotel Authority, Colorado, Revenue Bonds, Convention Center Hotel, Senior Lien Series 2003A:				
2,940	5.000%, 12/01/20 (Pre-refunded 12/01/13) – SYNCORA GTY Insured	12/13 at 100.00	N/R (4)	3,152,239
10,185			N/R (4)	10,920,255

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

	5.000%, 12/01/33 (Pre-refunded 12/01/13) – SYNCORA GTY Insured	12/13 at 100.00		
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 (Pre-refunded 12/15/14) – AGM Insured (UB)	12/14 at 100.00	Aa2 (4)	845,638
1,000	Meridian Metropolitan District, Douglas County, Colorado, General Obligation Refunding Bonds, Series 2011A, 5.000%, 12/01/41	12/21 at 100.00	A	1,038,150
1,765	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Refunding Bonds, Series 2011, 6.125%, 12/01/41 – AGM Insured	12/20 at 100.00	AA–	2,011,129
	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:			
1,245	6.000%, 1/15/34	7/20 at 100.00	Baa3	1,385,884
2,365	6.000%, 1/15/41	7/20 at 100.00	Baa3	2,594,973
29,595	Total Colorado			32,748,878
	Florida – 7.8% (5.2% of Total Investments)			
1,250	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2010A, 6.000%, 9/01/40	9/20 at 100.00	BBB	1,304,813
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–	292,545
5,000	Broward County School Board, Florida, Certificates of Participation, Series 2003, 5.000%, 7/01/28 (Pre-refunded 7/01/13) – NPFG Insured	7/13 at 100.00	Aa3 (4)	5,274,400
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–	3,241,980
1,100	Florida Higher Educational Facilities Financing Authority, Revenue Bonds, Nova Southeastern University, Refunding Series 2011, 6.375%, 4/01/31	4/21 at 100.00	BBB+	1,220,241
5,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.250%, 10/01/18 – NPFG Insured (Alternative Minimum Tax)	10/13 at 100.00	A+	5,251,300
1,750	Jacksonville, Florida, Transportation Revenue Bonds, Refunding Series 2012A, 5.000%, 10/01/24	10/22 at 100.00	AA–	2,040,693
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)	6/12 at 100.00	BB+	5,018,050
1,380	Miami-Dade County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds,	7/12 at 101.00	AA–	1,396,256

Sunset Bay Apartments, Series 2000-5A, 5.850%,
7/01/20 – AGM Insured (Alternative Minimum Tax)

48 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Florida (continued)			
\$ 2,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2005A, 5.000%, 10/01/37 – SYNCORA GTY Insured (Alternative Minimum Tax)	10/15 at 100.00	A2	\$ 2,020,880
1,000	Northern Palm Beach County Improvement District, Florida, Revenue Bonds, Water Control and Improvement Development Unit 46B, Series 2007A, 5.350%, 8/01/41	8/17 at 100.00	N/R	936,890
1,925	Old Palm Community Development District, Florida, Special Assessment Bonds, Palm Beach Gardens, Series 2004A, 5.900%, 5/01/35	5/15 at 101.00	N/R	1,901,149
5,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB)	8/17 at 100.00	AA	5,676,855
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10/18 at 100.00	AA–	11,917,950
45,110	Total Florida			47,494,002
	Georgia – 3.7% (2.5% of Total Investments)			
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	A1	5,305,388
1,500	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	AA–	1,676,625
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	2,661,500
5,355	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	A1 (4)	6,599,341
6,000	The 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–	6,273,960
19,755	Total Georgia			22,516,814
	Guam – 0.7% (0.4% of Total Investments)			
4,000	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2010, 5.500%, 7/01/30	7/20 at 100.00	Ba2	4,068,080
	Hawaii – 0.8% (0.5% of Total Investments)			
1,000			A3	1,052,640

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

	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		
2,050	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B, 5.000%, 10/01/13	No Opt. Call	Aa1	2,186,981
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	1,685,923
4,630	Total Hawaii			4,925,544
	Idaho – 0.3% (0.2% of Total Investments)			
855	Idaho Housing and Finance Association, Single Family Mortgage Revenue Bonds, Series 2009BI, 5.650%, 7/01/26	7/19 at 100.00	A1	923,323
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	619,591
1,450	Total Idaho			1,542,914
	Illinois – 17.8% (11.9% of Total Investments)			
1,180	Chicago Board of Education, Cook County, Illinois, General Obligation Bonds, Dedicated Revenues Series 2011A, 5.000%, 12/01/41	12/21 at 100.00	AA–	1,271,686
3,090	Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 – NPMG Insured	No Opt. Call	Aa3	3,309,483
5,550	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 – AGM Insured (Alternative Minimum Tax)	7/12 at 100.00	AA–	5,554,718
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	A1	428,795
	Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997:			
1,455	8.500%, 12/01/13 – FGIC Insured	No Opt. Call	N/R	1,616,781
1,685	8.500%, 12/01/15 – FGIC Insured	No Opt. Call	N/R	2,074,067

Nuveen Investments 49

NPT Nuveen Premium Income Municipal Fund 4, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Illinois (continued)				
\$ 500	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project, Series 2010A, 7.750%, 5/15/30	5/20 at 100.00	N/R	\$ 521,650
500	Illinois Finance Authority, Revenue Bonds, Admiral at Lake Project, Temps 75 Series 2010D-1, 7.000%, 5/15/18	11/12 at 100.00	N/R	502,000
1,000	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	1,077,310
5,220	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	4/21 at 100.00	A	5,990,159
3,000	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	A-	3,134,220
1,500	Illinois Finance Authority, Revenue Bonds, Little Company of Mary Hospital and Health Care Centers, Series 2010, 5.375%, 8/15/40	8/15 at 105.00	A+	1,578,750
2,515	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Hospital, Series 2004A, 5.250%, 8/15/34 (Pre-refunded 8/15/14)	8/14 at 100.00	N/R (4)	2,793,260
3,200	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,597,728
500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	633,650
1,665	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39	5/19 at 100.00	A2	2,044,137
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37	8/17 at 100.00	BBB	5,721,432
2,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38	8/19 at 100.00	BBB+	2,216,280
2,000	7.000%, 8/15/44	8/19 at 100.00	BBB+	2,224,920
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-	550,310

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

3,000	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25	5/19 at 100.00	BBB+	3,393,120
1,000	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	5/17 at 100.00	BBB+	1,019,800
4,000	Illinois Health Facilities Authority, FHA-Insured Mortgage Revenue Refunding Bonds, Sinai Health System, Series 2003, 5.150%, 2/15/37	8/13 at 100.00	Aa2	4,050,520
	Illinois Health Facilities Authority, Revenue Refunding Bonds, Elmhurst Memorial Healthcare, Series 2002:			
3,000	5.500%, 1/01/22	1/13 at 100.00	A-	3,078,840
1,000	5.625%, 1/01/28	1/13 at 100.00	A-	1,010,140
2,655	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 7.000%, 4/01/14	No Opt. Call	Aa2	2,863,125
2,250	Illinois State, General Obligation Bonds, Series 2012A, 4.000%, 1/01/26	1/22 at 100.00	A+	2,246,378
9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/19 – AGM Insured (UB)	No Opt. Call	AAA	12,328,183
1,245	McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011B, 6.250%, 2/01/21 – AGM Insured	2/20 at 100.00	Aa3	1,495,768
	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	Aa3	958,947
1,030	6.000%, 2/01/25 – AGM Insured	2/20 at 100.00	Aa3	1,181,760
	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	8,579,545
4,555	5.000%, 12/15/28 – NPMFG Insured	6/12 at 101.00	AAA	4,619,590
36,040	0.000%, 6/15/40 – NPMFG Insured	No Opt. Call	AAA	8,108,279
	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010:			
780	5.250%, 6/01/21	No Opt. Call	A	888,100
2,000	6.250%, 6/01/24	6/16 at 100.00	A-	2,250,200
2,655	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois,	No Opt. Call	AA	3,220,648

General Obligation Bonds, Series 1990A, 7.200%,
11/01/20 – AMBAC Insured

128,370	Total Illinois	108,134,279
---------	----------------	-------------

50 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Indiana – 3.6% (2.4% of Total Investments)				
Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:				
\$ 1,950	0.000%, 2/01/24	No Opt. Call	AA+	\$ 1,272,063
2,705	0.000%, 2/01/25	No Opt. Call	AA+	1,674,125
3,000	Hospital Authority of Delaware County, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36	8/16 at 100.00	Baa2	3,071,430
680	Indiana Finance Authority, Educational Facilities Refunding Revenue Bonds, Butler University Project, Series 2012B, 5.000%, 2/01/29	2/22 at 100.00	BBB+	718,937
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	BBB–	1,143,503
1,500	Indiana Finance Authority, Hospital Refunding Revenue Bonds, Floyd Memorial Hospital and Health Services Project, Series 2010, 5.125%, 3/01/30	3/20 at 100.00	A–	1,572,855
1,885	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–	2,053,274
Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A:				
4,000	5.000%, 6/01/23 (Pre-refunded 6/01/13) – AGM Insured	6/13 at 100.00	AA+ (4)	4,206,600
6,000	5.000%, 6/01/24 (Pre-refunded 6/01/13) – AGM Insured	6/13 at 100.00	AA+ (4)	6,309,900
22,770	Total Indiana			22,022,687
Iowa – 0.8% (0.5% of Total Investments)				
1,000	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project, Series 2006A, 5.000%, 7/01/20	7/16 at 100.00	BB+	994,960
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–	1,711,207
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	2,193,180
4,630	Total Iowa			4,899,347
Kansas – 1.8% (1.2% of Total Investments)				
Johnson and Miami Counties Unified School District 230, Kansas, General Obligation Bonds,				

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

Series 2011A:				
2,000	5.000%, 9/01/26	9/21 at 100.00	Aa3	2,340,400
1,000	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,160,440
2,000	Kansas Development Finance Authority, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA	2,134,260
985	Kansas State Power Pool, Electric Utility Revenue Bonds, Dogwood Energy Facility, Series 2012A, 5.000%, 12/01/31	12/20 at 100.00	Baa1	1,028,636
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	654,792
1,750	Wamego, Kansas, Pollution Control Revenue Bonds, Kansas Gas and Electric Company, Series 2004, 5.300%, 6/01/31 – NPMFG Insured	6/14 at 100.00	A3	1,804,338
2,980	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Capital Appreciation Revenue Bonds Redevelopment Project Area B – Major Multi-Sport Athletic Complex Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21	No Opt. Call	BBB	2,015,940
11,315	Total Kansas			11,138,806
	Kentucky – 1.2% (0.8% of Total Investments)			
1,000	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.000%, 6/01/30	6/20 at 100.00	BBB+	1,132,180
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	5,844,350
6,000	Total Kentucky			6,976,530
	Louisiana – 4.8% (3.2% of Total Investments)			
165	DeSoto Parish, Louisiana, Environmental Improvement Revenue Bonds, International Paper Company Project, Series 2004A, 5.000%, 11/01/18 (Alternative Minimum Tax)	11/14 at 100.00	BBB	173,776
1,750	Louisiana Local Government Environmental Facilities and Community Development Authority, GNMA Collateralized Mortgage Revenue Refunding Bonds, Sharlo Apartments, Series 2002A, 6.500%, 6/20/37	6/12 at 105.00	Aaa	1,841,630

NPT Nuveen Premium Income Municipal Fund 4, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Louisiana (continued)				
\$ 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+	\$ 5,275,300
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	3,897,584
1,480	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A: 4.750%, 5/01/39 – AGM Insured (UB)	5/16 at 100.00	Aa1	1,537,602
15,820	4.500%, 5/01/41 – FGIC Insured (UB)	5/16 at 100.00	Aa1	16,177,532
170	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A, Residuals 660, 15.714%, 5/01/34 – FGIC Insured (IF)	5/16 at 100.00	Aa1	185,361
28,335	Total Louisiana			29,088,785
Maine – 0.6% (0.4% of Total Investments)				
2,000	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, MaineGeneral Medical Center, Series 2011, 6.750%, 7/01/36	7/21 at 100.00	Baa3	2,254,740
1,250	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	AA	1,331,375
3,250	Total Maine			3,586,115
Maryland – 0.5% (0.4% of Total Investments)				
1,030	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16	7/12 at 100.00	Aa2	1,032,730
50	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24	8/14 at 100.00	A2	53,467
2,090	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)	7/12 at 100.00	Aaa	2,094,473
3,170	Total Maryland			3,180,670
Massachusetts – 1.6% (1.0% of Total Investments)				
2,805	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A,	3/15 at 100.00	BBB	2,816,585

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

5.000%, 3/01/35 – ACA Insured				
1,000	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/12 at 102.00	N/R	930,530
1,900	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,066,478
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+	3,567,703
9,170	Total Massachusetts			9,381,296
Michigan – 4.6% (3.0% of Total Investments)				
625	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.000%, 11/01/30	11/20 at 100.00	AA	673,644
6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 – NPMFG Insured	7/15 at 100.00	A	6,026,640
5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured	7/16 at 100.00	A	5,235,732
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	A+	2,042,920
1,500	Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, W.A. Foote Memorial Hospital, Refunding Series 2006B-2, 5.000%, 6/01/27 – AGM Insured	6/20 at 100.00	AA–	1,656,225
5,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/29 – NPMFG Insured	10/13 at 100.00	Aa3	5,201,100
3,210	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39	11/19 at 100.00	A1	3,527,630
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)	1,134,210

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Michigan (continued)			
	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A:			
\$ 365	5.000%, 12/01/31 (Pre-refunded 12/01/16) (UB)	12/16 at 100.00	N/R (4)	\$ 433,441
1,635	5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	1,711,551
26,735	Total Michigan			27,643,093
	Minnesota – 1.5% (1.0% 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–	1,003,650
3,000	Rochester, Minnesota, Health Care Facilities Revenue Bonds, Mayo Clinic, Series 2012, 4.000%, 11/15/41	5/22 at 100.00	AA	2,987,070
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	2,876,409
2,315	Washington County Housing & Redevelopment Authority, Minnesota, Hospital Facility Revenue Bonds, Healtheast Project, Series 1998, 5.500%, 11/15/27	11/12 at 100.00	BBB–	2,315,069
9,190	Total Minnesota			9,182,198
	Mississippi – 1.9% (1.3% of Total Investments)			
1,000	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	10/12 at 100.00	BBB	1,002,900
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	3,108,488
5,215	Mississippi, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA+	6,573,664
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2008A, 6.500%, 9/01/32	9/18 at 100.00	BBB	1,111,160
10,190	Total Mississippi			11,796,212
	Missouri – 1.2% (0.8% of Total Investments)			
1,450	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/36	6/17 at 100.00	BBB+	1,440,894
1,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior	2/14 at 100.00	BBB+	1,013,150

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

	Services – Heisinger Project, Series 2004, 5.500%, 2/01/35			
1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri, Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36	10/19 at 100.00	A–	1,088,840
1,080	Missouri Joint Municipal Electric Utility Commission, Power Supply System Revenue Bonds, MoPEP Facilities, Series 2012: 5.000%, 1/01/22	1/21 at 100.00	A2	1,244,214
1,000	5.000%, 1/01/23	1/21 at 100.00	A2	1,141,390
1,250	5.000%, 1/01/25	1/21 at 100.00	A2	1,398,525
6,780	Total Missouri			7,327,013
	Nevada – 2.3% (1.5% of Total Investments)			
4,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	Aa3	4,473,560
7,000	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 (Pre-refunded 7/01/13) – AMBAC Insured	7/13 at 100.00	AA– (4)	7,384,160
1,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB–	1,860,616
12,700	Total Nevada			13,718,336
	New Jersey – 3.6% (2.4% 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	915,135
3,000	5.875%, 6/01/42	6/20 at 100.00	Baa3	3,262,050
880	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 – NPFPG Insured	No Opt. Call	A+	1,043,953

Nuveen Investments

53

NPT Nuveen Premium Income Municipal Fund 4, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
New Jersey (continued)				
New Jersey Turnpike Authority, Revenue Bonds, Series 1991C:				
\$ 300	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	A+ (4)	\$ 364,446
1,805	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	A+ (4)	2,007,593
7,655	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2002, 5.750%, 6/01/32 (Pre-refunded 6/01/12)	6/12 at 100.00	Aaa	7,691,514
4,005	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2003, 6.750%, 6/01/39 (Pre-refunded 6/01/13)	6/13 at 100.00	Aaa	4,283,428
2,710	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.750%, 6/01/34	6/17 at 100.00	B2	2,115,507
21,190	Total New Jersey			21,683,626
New Mexico – 0.3% (0.2% of Total Investments)				
1,500	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena Project, Series 2010A, 6.125%, 7/01/40	7/20 at 100.00	BBB	1,608,285
New York – 4.2% (2.8% of Total Investments)				
855	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32	4/17 at 100.00	BBB–	798,707
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–	2,158,503
3,065	6.250%, 7/15/40	1/20 at 100.00	BBB–	3,398,227
4,070	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMFG Insured	2/17 at 100.00	A	4,052,011
1,000	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34	11/19 at 100.00	AA	1,107,390
1,250	New York City Municipal Water Finance Authority, New York, Water and Sewer System	12/20 at 100.00	AA+	1,424,638

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

	Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43			
1,870	New York Liberty Development Corporation, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011, 5.000%, 11/15/44	11/21 at 100.00	A+	1,997,945
660	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1C, 5.500%, 6/01/18	6/12 at 100.00	AA-	662,541
1,840	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1, 5.500%, 6/01/18 (Pre-refunded 6/01/12)	6/12 at 100.00	Aa3 (4)	1,848,022
795	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB-	883,547
6,250	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Series 1997, 6.250%, 12/01/15 – NPMFG Insured (Alternative Minimum Tax)	No Opt. Call	BBB	6,922,750
23,600	Total New York			25,254,281
	North Carolina – 2.3% (1.5% of Total Investments)			
750	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas Health Care, Series 2007A, 5.000%, 1/15/31	1/17 at 100.00	AA-	794,565
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)	2,655,545
10,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.250%, 1/01/18 – NPMFG Insured	1/13 at 100.00	A	10,315,300
13,210	Total North Carolina			13,765,410
	North Dakota – 0.6% (0.4% of Total Investments)			
2,190	Fargo, North Dakota, Health System Revenue Bonds, Sanford Health, Refunding Series 2011, 6.250%, 11/01/31	11/21 at 100.00	AA-	2,609,801
1,125	Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2012, 5.000%, 12/01/32 (WI/DD, Settling 5/09/12)	12/21 at 100.00	A-	1,190,374
3,315	Total North Dakota			3,800,175

54 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Ohio – 3.3% (2.2% of Total Investments)				
\$ 5,370	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.125%, 6/01/24	6/17 at 100.00	B	\$ 4,389,814
Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:				
2,000	5.250%, 11/01/29	11/20 at 100.00	BBB+	2,121,680
3,000	5.750%, 11/01/40	11/20 at 100.00	BBB+	3,246,000
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	3,248,939
700	Lorain County Port Authority, Ohio, Recovery Zone Facility Economic Development Revenue Bonds, United State Steel Corporation Project, Series 2010, 6.750%, 12/01/40	12/20 at 100.00	BB+	772,807
4,615	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	11/21 at 100.00	AA–	5,403,011
800	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E, 5.625%, 10/01/19	No Opt. Call	BBB–	917,528
19,525	Total Ohio			20,099,779
Oklahoma – 1.0% (0.7% of Total Investments)				
5,615	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)	12/16 at 100.00	AA+	5,872,616
88	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2008, Trust 3500, 8.325%, 6/15/30 (IF)	12/16 at 100.00	AA+	95,340
5,703	Total Oklahoma			5,967,956
Pennsylvania – 3.3% (2.2% of Total Investments)				
1,000	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB	927,500
1,000	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29	1/19 at 100.00	BBB+	1,078,330
600	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Edinboro University	7/20 at 100.00	BBB–	640,206

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

	Foundation Student Housing Project, Series 2010, 6.000%, 7/01/43			
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured (UB)	12/16 at 100.00	Aa2	5,651,351
1,595	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40	5/20 at 100.00	AA	1,711,100
	Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011:			
5,445	6.000%, 8/01/36	8/20 at 100.00	A2	6,280,154
1,425	6.500%, 8/01/41	8/20 at 100.00	A2	1,705,868
1,670	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	BBB+	1,831,573
18,225	Total Pennsylvania Puerto Rico – 3.1% (2.1% of Total Investments)			19,826,082
4,810	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2010C, 6.000%, 8/01/39	8/20 at 100.00	A+	5,507,450
12,390	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1997, 6.500%, 7/01/13 – NPMFG Insured	No Opt. Call	Baa1	13,115,806
17,200	Total Puerto Rico Rhode Island – 2.5% (1.7% of Total Investments)			18,623,256
15,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.250%, 6/01/42	6/12 at 100.00	BBB+	15,056,850
	South Carolina – 2.7% (1.8% of Total Investments)			
4,120	Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 2/15/23 – NPMFG Insured	8/14 at 100.00	BBB	4,441,278
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	A–	6,423,850

Nuveen Investments

55

NPT Nuveen Premium Income Municipal Fund 4, Inc. (continued) Portfolio of Investments				
April 30, 2012 (Unaudited)				
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
South Carolina (continued)				
\$ 5,085	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 – NPMFG Insured	No Opt. Call	A-\$	5,245,076
14,205	Total South Carolina			16,110,204
South Dakota – 0.3% (0.2% of Total Investments)				
1,750	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sioux Valley Hospitals, Series 2004A, 5.500%, 11/01/31	11/14 at 100.00	AA-	1,814,243
Tennessee – 0.3% (0.2% of Total Investments)				
5,075	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41	1/17 at 30.07	A	1,157,049
680	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100.00	BBB+	695,674
Sumner County Health, Educational, and Housing Facilities Board, Tennessee, Revenue Refunding Bonds, Sumner Regional Health System Inc., Series 2007:				
860	5.500%, 11/01/37 (6)	11/17 at 100.00	N/R	17,191
1,000	5.500%, 11/01/46 (6)	11/17 at 100.00	B-	19,990
7,615	Total Tennessee			1,889,904
Texas – 19.1% (12.7% of Total Investments)				
3,000	Alliance Airport Authority, Texas, Special Facilities Revenue Bonds, American Airlines Inc., Series 2007, 5.250%, 12/01/29 (Alternative Minimum Tax) (6)	12/12 at 100.00	N/R	1,610,730
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	5,636,547
1,000	Central Texas Regional Mobility Authority, Senior Lien Revenue Bonds, Series 2011, 6.000%, 1/01/41	1/21 at 100.00	BBB-	1,106,620
2,285	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2001A, 5.875%, 11/01/19 – NPMFG Insured (Alternative Minimum Tax)	11/12 at 100.00	A+	2,293,272

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

2,600	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 (WI/DD, Settling 5/10/12) – AGM Insured	11/21 at 100.00	A+	2,802,800
2,275	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%, 11/01/27 – AGM Insured (Alternative Minimum Tax)	11/14 at 100.00	AA–	2,354,329
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	6/12 at 101.00	N/R	6,018,840
7,000	Harris County Health Facilities Development Corporation, Texas, Thermal Utility Revenue Bonds, TECO Project, Series 2003, 5.000%, 11/15/30 – NPMFG Insured	11/13 at 100.00	AA	7,296,870
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	12,462,692
7,500	Houston, Texas, Junior Lien Water and Sewerage System Revenue Refunding Bonds, Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM)	No Opt. Call	AA (4)	10,686,525
3,000	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+	3,247,170
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	7,789,242
2,000	Lubbock, Texas, General Obligation Bonds, Series 2012, 5.000%, 2/15/27	2/22 at 100.00	AA+	2,360,180
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–	1,211,067
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	2,702,050
1,960	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 0.000%, 9/01/43	9/31 at 100.00	AA	1,274,470

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 1,100	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A2	\$ 1,242,527
6,000	Raven Hills Higher Education Corporation, Texas, Student Housing Revenue Bonds, Angelo State University – Texan Hall LLC, Series 2002A, 5.000%, 8/01/25 (Pre-refunded 8/01/12) – NPMG Insured	8/12 at 100.00	N/R (4)	6,071,220
3,410	Retama Development Corporation, Texas, Special Facilities Revenue Bonds, Retama Park Racetrack, Series 1993, 8.750%, 12/15/18 (Pre-refunded 12/15/12)	12/12 at 100.00	Aaa	3,576,715
1,800	Sam Rayburn Municipal Power Agency, Texas, Power Supply System Revenue Refunding Bonds, Series 2002A, 5.750%, 10/01/21 – RAAI Insured	10/12 at 100.00	BBB+	1,820,412
5,200	Tarrant County Cultural & Educational Facilities Financing Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA-	5,462,600
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 17.310%, 2/15/30 (IF) (5)	2/17 at 100.00	AA-	300,500
2,890	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White HealthCare Project, Series 2010, 5.500%, 8/15/45	8/20 at 100.00	AA-	3,157,990
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-	1,782,221
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	1,862,482
	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010:			
2,000	7.000%, 6/30/34	6/20 at 100.00	Baa3	2,339,880
500	7.000%, 6/30/40	6/20 at 100.00	Baa3	583,110
1,000	Texas Public Finance Authority, Charter School Finance Corporation Revenue Bonds, Idea Public	8/17 at 100.00	BBB+	1,001,770

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

School Project, Series 2007A, 5.000%, 8/15/37 –
ACA Insured

3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.571%, 4/01/28 (IF)	4/17 at 100.00	Aaa	5,312,937
1,320	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured	No Opt. Call	BBB+	930,824
8,500	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 6.000%, 11/15/22 (ETM)	11/12 at 100.00	Aaa	9,176,260
149,960	Total Texas			115,474,852
	Utah – 2.0% (1.3% of Total Investments)			
4,420	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community Hospital Project, Series 1998, 5.750%, 12/15/18	6/12 at 100.00	N/R	4,423,315
3,670	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)	7/12 at 100.00	Aa3 (4)	3,870,529
380	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	7/12 at 100.00	AA	402,682
	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C:			
655	5.500%, 1/01/18 (Alternative Minimum Tax)	7/12 at 100.00	AA–	656,002
345	5.650%, 1/01/21 (Alternative Minimum Tax)	7/12 at 100.00	Aaa	345,511
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–	826,475
1,555	Utah State Charter School Finance Authority, Charter School Revenue Bonds, Paradigm High School, Series 2010A, 6.375%, 7/15/40	7/20 at 100.00	BBB–	1,571,623
11,835	Total Utah			12,096,137

Nuveen Investments

57

NPT Nuveen Premium Income Municipal Fund 4, Inc. (continued)
Portfolio of Investments

April 30, 2012 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Virgin Islands – 0.5% (0.3% of Total Investments)			
\$ 250	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Subordinate Lien Series 2009A, 6.000%, 10/01/39	10/19 at 100.00	Baa3	\$ 270,068
2,480	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37	10/19 at 100.00	BBB	2,862,019
2,730	Total Virgin Islands			3,132,087
	Virginia – 2.3% (1.6% of Total Investments)			
7,185	Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.000%, 1/15/35 – AMBAC Insured	1/13 at 100.00	Aa3	7,341,920
1,005	Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.000%, 1/15/35 (Pre-refunded 1/15/13) – AMBAC Insured	1/13 at 100.00	Aa3 (4)	1,039,110
1,000	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47	6/17 at 100.00	B2	686,370
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–	5,056,254
13,830	Total Virginia			14,123,654
	Washington – 3.0% (2.0% of Total Investments)			
220	Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric Development, Series 2005A, 5.000%, 1/01/34 (Pre-refunded 1/01/15) – FGIC Insured	1/15 at 100.00	Aa3 (4)	246,750
5,780	Grant County Public Utility District 2, Washington, Revenue Bonds, Wanapum Hydroelectric Development, Series 2005A, 5.000%, 1/01/34 – FGIC Insured	1/15 at 100.00	AA	5,959,411
1,500	Snohomish County School District 6, Mukilteo, Washington, Unlimited Tax General Obligation and Refunding Bonds, Series 1993, 5.700%, 12/01/12 – FGIC Insured	No Opt. Call	Aa2	1,546,800
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	2,212,280
1,095	Washington State Health Care Facilities Authority, Revenue Bonds, Harrison Memorial Hospital,	8/13 at 102.00	N/R	1,098,701

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

	Series 1998, 5.000%, 8/15/28 – AMBAC Insured			
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	1,961,900
1,460	Washington State Health Care Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 – ACA Insured	8/17 at 100.00	BBB	1,525,758
3,745	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26	6/13 at 100.00	A3	3,894,163
17,800	Total Washington			18,445,763
	West Virginia – 0.3% (0.2% of Total Investments)			
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	2,098,902

58 Nuveen Investments

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Wisconsin – 2.4% (1.6% of Total Investments)			
\$ 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	\$ 901,219
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–	1,417,752
	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006:			
5,000	5.250%, 8/15/21	8/16 at 100.00	A–	5,377,400
1,000	5.250%, 8/15/34	8/16 at 100.00	A–	1,036,210
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 – FGIC Insured (UB)	5/16 at 100.00	AA	5,617,600
13,215	Total Wisconsin			14,350,181
\$ 964,858	Total Investments (cost \$844,764,624) – 150.0%			908,703,813
	Floating Rate Obligations – (9.9)%			(59,703,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (43.3)% (7)			(262,200,000)
	Other Assets Less Liabilities – 3.2%			19,152,114
	Net Assets Applicable to Common Shares – 100%			\$ 605,952,927

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor’s Group (“Standard & Poor’s”), Moody’s Investors Service, Inc. (“Moody’s”) or Fitch, Inc. (“Fitch”) rating. Ratings below BBB by Standard & Poor’s, Baa by Moody’s or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. 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 security, in the case of a bond, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund’s Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has directed the Fund’s custodian to cease accruing additional income on the Fund’s records.

- (7) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 28.9%.
- N/R Not rated.
- WI/DD 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. See Notes to Financial Statements, Footnote 1 – General Information and Significant Accounting Policies, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

Statement of
Assets & Liabilities

April 30, 2012 (Unaudited)

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Assets			
Investments, at value (cost \$1,335,028,272, \$1,541,999,477 and \$844,764,624, respectively)	\$ 1,418,842,642	\$ 1,657,240,217	\$ 908,703,813
Cash	4,039,134	—	253,560
Receivables:			
Interest	20,998,788	23,276,305	13,811,057
Investments sold	13,047,476	21,251,272	10,375,819
Deferred offering costs	1,452,127	2,213,993	1,873,849
Other assets	208,101	633,146	345,030
Total assets	1,458,588,268	1,704,614,933	935,363,128
Liabilities			
Cash overdraft	—	193,603	—
Floating rate obligations	92,124,000	95,759,000	59,703,000
Payables:			
Common share dividends	4,244,170	5,138,278	2,838,225
Interest	485,958	—	—
Investments purchased	—	13,041,743	3,977,078
Offering costs	115,785	—	—
Variable Rate MuniFund Term Preferred (VMTP) Shares, at liquidation value	402,400,000	—	—
Variable Rate Demand Preferred (VRDP) Shares, at liquidation value	—	489,500,000	262,200,000
Accrued expenses:			
Management fees	714,087	803,401	448,999
Other	509,516	850,284	242,899
Total liabilities	500,593,516	605,286,309	329,410,201
Net assets applicable to Common shares	\$ 957,994,752	\$ 1,099,328,624	\$ 605,952,927
Common shares outstanding	63,966,288	70,692,851	43,288,550
Net asset value per Common share outstanding (net assets applicable to Common shares, divided by Common shares outstanding)	\$ 14.98	\$ 15.55	\$ 14.00
Net assets applicable to Common shares consist of:			
Common shares, \$.01 par value per share	\$ 639,663	\$ 706,929	\$ 432,886
Paid-in surplus	902,553,201	999,191,940	549,799,252
Undistributed (Over-distribution of) net investment income	12,715,286	14,723,518	7,946,187
Accumulated net realized gain (loss)	(41,727,768)	(30,534,503)	(16,164,587)
Net unrealized appreciation (depreciation)	83,814,370	115,240,740	63,939,189
Net assets applicable to Common shares	\$ 957,994,752	\$ 1,099,328,624	\$ 605,952,927
Authorized shares:			
Common	200,000,000	200,000,000	200,000,000
Preferred	1,000,000	1,000,000	1,000,000

See accompanying notes to financial statements.

60 Nuveen Investments

Statement of
OperationsSix Months Ended April 30, 2012
(Unaudited)

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Investment Income	\$ 35,568,371	\$ 40,960,063	\$ 23,321,315
Expenses			
Management fees	4,291,742	4,838,189	2,691,821
Dividend disbursing agent fees	62,603	22,992	—
Shareholders' servicing agent fees and expenses	59,472	27,995	25,000
Interest expense and amortization of offering costs	3,327,153	1,002,793	504,820
Fees on VRDP Shares	—	2,767,946	1,818,114
Custodian's fees and expenses	98,896	117,113	66,596
Directors' fees and expenses	16,889	19,757	10,815
Professional fees	40,839	56,135	52,296
Shareholders' reports – printing and mailing expenses	89,176	124,379	68,161
Stock exchange listing fees	10,297	11,269	6,925
Investor relations expense	48,017	51,392	29,784
Other expenses	31,193	42,544	33,367
Total expenses before custodian fee credit and legal fee refund	8,076,277	9,082,504	5,307,699
Custodian fee credit	(2,661)	(4,297)	(1,854)
Legal fee refund	(133,800)	(10,529)	(23,778)
Net expenses	7,939,816	9,067,678	5,282,067
Net investment income (loss)	27,628,555	31,892,385	18,039,248
Realized and Unrealized Gain (Loss)			
Net realized gain (loss) from investments	(8,690,351)	1,474,103	(504,785)
Change in net unrealized appreciation (depreciation) of investments	67,175,268	59,959,797	41,234,039
Net realized and unrealized gain (loss)	58,484,917	61,433,900	40,729,254
Net increase (decrease) in net assets applicable to Common shares from operations	\$ 86,113,472	\$ 93,326,285	\$ 58,768,502

See accompanying notes to financial statements.

Nuveen Investments

61

Statement of
Changes in Net Assets (Unaudited)

	Premium Income (NPI)		Premium Income 2 (NPM)		Premium Income 4 (NPT)	
	Six Months Ended 4/30/12	Year Ended 10/31/11	Six Months Ended 4/30/12	Year Ended 10/31/11	Six Months Ended 4/30/12	Year Ended 10/31/11
Operations						
Net investment income (loss)	\$ 27,628,555	\$ 57,234,424	\$ 31,892,385	\$ 67,419,666	\$ 18,039,248	\$ 36,154,285
Net realized gain (loss) from investments	(8,690,351)	(174,650)	1,474,103	2,383,283	(504,785)	1,087,506
Change in net unrealized appreciation (depreciation) of investments	67,175,268	(21,805,880)	59,959,797	(23,079,569)	41,234,039	(11,019,587)
Distributions to Auction Rate Preferred Shareholders:						
From net investment income	—	(636,204)	—	(1,137,377)	—	—
Net increase (decrease) in net assets applicable to Common shares from operations	86,113,472	34,617,690	93,326,285	45,586,003	58,768,502	26,222,204
Distributions to Common Shareholders						
From net investment income	(29,354,316)	(58,668,998)	(33,720,491)	(64,754,653)	(18,439,476)	(36,875,407)
Decrease in net assets applicable to Common shares from distributions to Common shareholders	(29,354,316)	(58,668,998)	(33,720,491)	(64,754,653)	(18,439,476)	(36,875,407)
Capital Share Transactions						
Net proceeds from Common shares issued to shareholders due to reinvestment of distributions	774,990	383,154	—	—	94,795	233,533

Net increase (decrease) in net assets applicable to Common shares from capital share transactions	774,990	383,154	—	—	94,795	233,533
Net increase (decrease) in net assets applicable to Common shares	57,534,146	(23,668,154)	59,605,794	(19,168,650)	40,423,821	(10,419,670)
Net assets applicable to Common shares at the beginning of period	900,460,606	924,128,760	1,039,722,830	1,058,891,480	565,529,106	575,948,776
Net assets applicable to Common shares at the end of period	\$ 957,994,752	\$ 900,460,606	\$ 1,099,328,624	\$ 1,039,722,830	\$ 605,952,927	\$ 565,529,106
Undistributed (Over-distribution of)net investment income at the end of period	\$ 12,715,286	\$ 14,441,047	\$ 14,723,518	\$ 16,551,624	\$ 7,946,187	\$ 8,346,415

See accompanying notes to financial statements.

Statement of
Cash FlowsSix Months Ended April 30, 2012
(Unaudited)

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Cash Flows from Operating Activities:			
Net Increase (Decrease) In Net Assets Applicable to Common Shares from Operations	\$ 86,113,472	\$ 93,326,285	\$ 58,768,502
Adjustments to reconcile the net increase (decrease) in net assets applicable to Common shares from operations to net cash provided by (used in) operating activities:			
Purchases of investments	(49,463,066)	(88,575,671)	(48,109,265)
Proceeds from sales and maturities of investments	71,857,171	91,326,807	52,869,811
Proceeds from (Purchases of) short-term investments, net	17,580,000	—	—
Amortization (Accretion) of premiums and discounts, net	(8,774,167)	(2,203,895)	(1,149,765)
(Increase) Decrease in:			
Receivable for interest	398,801	102,223	697,185
Receivable for investments sold	(10,417,476)	(13,568,627)	(6,464,078)
Other assets	141,269	(3,729)	42,086
Increase (Decrease) in:			
Payable for interest	9,803	—	—
Payable for investments purchased	(2,258,784)	9,653,567	2,831,086
Accrued management fees	(5,785)	(8,602)	(1,187)
Accrued other expenses	(24,511)	(128,486)	(10,161)
Net realized (gain) loss from investments	8,690,351	(1,474,103)	504,785
Change in net unrealized (appreciation) depreciation of investments	(67,175,268)	(59,959,797)	(41,234,039)
Taxes paid on undistributed capital gains	(2,167)	(1,159)	(3,300)
Net cash provided by (used in) operating activities	46,669,643	28,484,813	18,741,660
Cash Flows from Financing Activities:			
(Increase) Decrease in deferred offering costs	(53,270)	(325,540)	(56,956)
Increase (Decrease) in:			
Cash overdraft balance	—	193,603	—
Floating rate obligations	(19,855,000)	(6,675,000)	—
Payable for offering costs	(130,057)	(98,005)	(242,356)
Cash distributions paid to Common shareholders	(28,559,954)	(33,653,987)	(18,350,268)
Net cash provided by (used in) financing activities	(48,598,281)	(40,558,929)	(18,649,580)
Net Increase (Decrease) in Cash	(1,928,638)	(12,074,116)	92,080
Cash at the beginning of period	5,967,772	12,074,116	161,480
Cash at the End of Period	\$ 4,039,134	\$ —	\$ 253,560

Supplemental Disclosure of Cash Flow Information

Non-cash financing activities not included herein consist of reinvestments of Common share distributions of \$774,990 and \$94,795 for Premium Income (NPI) and Premium Income 4 (NPT), respectively.

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Cash paid for interest (excluding amortization of offering costs)	\$ 3,034,937	\$ 970,896	\$ 472,868

See accompanying notes to financial statements.

Nuveen Investments

63

Financial
Highlights(Unaudited)

Selected data for a Common share outstanding throughout each period:

Beginning Common Share Net Asset Value	Investment Net Income to Shareholders (Loss)	Realized/ Gain to Shareholders (Loss)	Auction Rate Preferred Shareholders (a)	Capital Gains to Preferred Shareholders (a)	Less Distributions from Investment Income to Shareholders (a)	Net Income to Common Shareholders	Capital Gains to Common Shareholders	Discount from Common Shares Repurchased and Retired Total	Ending Common Share Net Asset Value	Ending Market Value		
											Investment Operations Distributions from Net Investment Income to Shareholders (a)	Less Distributions from Capital Gains to Common Shareholders
Premium Income (NPI)												
Year Ended 10/31:												
2012(f)	\$ 14.09	\$.43	\$.92	\$ —	\$ —	\$ 1.35	\$ (.46)	\$ —	\$ (.46)	\$ —	\$ 14.98	\$ 14.59
2011	14.47	.90	(.35)	(.01)	—	.54	(.92)	—	(.92)	—	14.09	13.56
2010	13.72	.99	.67	(.03)	—	1.63	(.88)	—	(.88)	—	14.47	14.34
2009	11.86	.99	1.70	(.05)	—	2.64	(.78)	—	(.78)	—	13.72	12.77
2008	14.76	.97	(2.88)	(.28)	—	(2.19)	(.71)	—	(.71)	—	11.86	10.93
2007	15.33	.98	(.55)	(.29)	—	.14	(.71)	—	(.71)	—	14.76	13.30
Premium Income 2 (NPM)												
Year Ended 10/31:												
2012(f)	14.71	.45	.87	—	—	1.32	(.48)	—	(.48)	—	15.55	15.07
2011	14.98	.95	(.28)	(.02)	—	.65	(.92)	—	(.92)	—	14.71	14.27
2010	14.17	1.01	.71	(.03)	—	1.69	(.88)	—	(.88)	—*	14.98	14.54
2009	11.71	.95	2.34	(.05)	—	3.24	(.78)	—	(.78)	—*	14.17	13.02
2008	14.85	.97	(3.10)	(.29)	(.01)	(2.43)	(.69)	(.02)	(.71)	—*	11.71	10.28
2007	15.45	.97	(.56)	(.30)	(.01)	.10	(.69)	(.02)	(.71)	.01	14.85	13.25

- (a) The amounts shown are based on Common share equivalents.
- (b) Total Return Based on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market price, so the actual reinvestment price may be different from the price used in the calculation. Total returns are not annualized.
- Total Return Based on Common Share Net Asset Value is the combination of changes in Common share net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, if any. The last dividend declared in the period, which is typically

paid on the first business day of the following month, is assumed to be reinvested at the ending net asset value. The actual reinvest price for the last dividend declared in the period may often be based on the Fund's market price (and not its net asset value), and therefore may be different from the price used in the calculation. Total returns are not annualized.

64 Nuveen Investments

Ratios/Supplemental Data
Ratios to Average Net Assets
Applicable to Common
Shares(c)(d)

Total Returns Based on Market Value(b)	Based on Common Share Net Asset Value(b)	Ending Net Assets Applicable to Common Shares (000)	Expenses(e)	Net Investment Income (Loss)	Portfolio Turnover Rate
11.04%	9.68%	\$ 957,995	1.71%**	5.91%**	4%
1.37	4.18	900,461	1.66	6.60	9
19.68	12.26	924,129	1.21	7.05	6
24.61	22.89	875,341	1.31	7.79	4
(13.10)	(15.39)	756,782	1.49	6.95	11
(1.02)	.93	941,220	1.56	6.52	14
9.00	9.05	1,099,329	1.69**	5.95**	5
4.95	4.74	1,039,723	1.48	6.74	8
18.89	12.25	1,058,891	1.16	6.89	7
35.00	28.38	1,003,366	1.36	7.71	9
(17.95)	(16.96)	477,603	1.56	6.93	8
(.81)	.71	605,817	1.62	6.44	12

- (c) Ratios do not reflect the effect of dividend payments to Auction Rate Preferred shareholders, where applicable; Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to Auction Rate Preferred Shares (“ARPS”), VMTP Shares and/or VRDP Shares, where applicable.
- (d) Ratios do not reflect the effect of custodian fee credits earned on the Fund’s net cash on deposit with the custodian bank or legal fee refund, where applicable.
- (e) The expense ratios reflect, among other things, all interest expense and other costs related to VMTP Shares, VRDP Shares and/or the interest expense deemed to have been paid by the Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund, where applicable, each as described in Footnote 1 - General Information and Significant Accounting Policies, Variable Rate MuniFund Term Preferred Shares, Variable Rate Demand Preferred Shares and Inverse Floating Rate Securities, respectively as follows:

Premium Income (NPI)

Year Ended 10/31:

2012(f)	.72%**
2011	.58
2010	.09
2009	.14
2008	.31
2007	.39

Premium Income 2 (NPM)

Year Ended 10/31:

2012(f)	.70%**
2011	.42
2010	.07
2009	.16
2008	.34
2007	.43

(f) For the six months ended April 30, 2012.

* Rounds to less than \$.01 per share.

** Annualized.

See accompanying notes to financial statements.

Nuveen Investments

65

Financial
Highlights (Unaudited) (continued)

Selected data for a Common share outstanding throughout each period:

Beginning Common Share Net Asset Value	Investment Net Income (Loss)	Investment Operations Distributions				Less Distributions				Discount from Common Shares Repurchased and Retired	Ending Common Share Net Asset Value	Ending Market Value
		Realized/ Unrealized Gain (Loss)	Auction Rate Preferred Shareholders (a)	Auction Rate Preferred Shareholders (a)	Net from Investment Income to Common Shareholders	Net Capital Gains to Common Shareholders	Net Investment Income to Common Shareholders	Net Capital Gains to Common Shareholders	Total			
Premium Income 4 (NPT)												
Year Ended 10/31:												
2012(f)	\$ 13.07	\$.42	\$.94	\$ —	\$ —	\$ 1.36	\$ (.43)	\$ —	\$ (.43)	\$ —	\$ 14.00	\$ 13.80
2011	13.31	.82	(.21)	—	—	.61	(.85)	—	(.85)	—	13.07	12.76
2010	12.58	.87	.70	(.01)	—	1.56	(.83)	—	(.83)	—	13.31	13.34
2009	10.59	.91	1.83	(.05)	—	2.69	(.70)	—	(.70)	—	12.58	11.69
2008	13.22	.91	(2.67)	(.28)	—	(2.04)	(.59)	—	(.59)	—	10.59	9.24
2007	13.69	.90	(.45)	(.28)	—	.17	(.64)	—	(.64)	—	13.22	11.77

(a) The amounts shown are based on Common share equivalents.

(b) Total Return Based on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market price, so the actual reinvestment price may be different from the price used in the calculation. Total returns are not annualized.

Total Return Based on Common Share Net Asset Value is the combination of changes in Common share net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, if any. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending net asset value. The actual reinvest price for the last dividend declared in the period may often be based on the Fund's market price (and not its net asset value), and therefore may be different from the price used in the calculation. Total returns are not annualized.

Ratios/Supplemental Data
Ratios to Average Net Assets
Applicable to Common
Shares(c)(d)

Total Returns	Based on Common Share Net Asset Value(b)	Ending Net Assets Applicable to Common Shares (000)	Expenses(e)	Net Investment Income (Loss)	Portfolio Turnover Rate
11.59%	10.49%	\$ 605,953	1.80%*	6.15%*	5%
2.63	5.13	565,529	1.99	6.71	11
21.76	12.77**	575,949	1.67	6.76	16
35.01	26.11	543,812	1.33	7.89	6
(17.19)	(15.97)	457,866	1.62	7.19	10
(3.30)	1.25	571,427	1.69	6.68	14

- (c) Ratios do not reflect the effect of dividend payments to Auction Rate Preferred shareholders, where applicable; Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to ARPS and/or VRDP Shares, where applicable.
- (d) Ratios do not reflect the effect of custodian fee credits earned on the Fund's net cash on deposit with the custodian bank or legal fee refund, where applicable.
- (e) The expense ratios reflect, among other things, all interest expense and other costs related to VRDP Shares and/or the interest expense deemed to have been paid by the Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund, where applicable, both as described in Footnote 1 – General Information and Significant Accounting Policies, Variable Rate Demand Preferred Shares and Inverse Floating Rate Securities, respectively as follows:

Premium Income 4 (NPT)

Year Ended 10/31:

2012(f)	.79%*
2011	.94
2010	.59
2009	.10
2008	.37
2007	.46

- (f) For the six months ended April 30, 2012.

* Annualized.

** During the fiscal year ended October 31, 2010, Premium Income 4 (NPT) received payments from the Adviser of \$240 to offset losses realized on the disposal of investments purchased in violation of the Fund's investment restrictions. This reimbursement did not have an impact on the Fund's Total Return Based on Common Share Net Asset Value.

See accompanying notes to financial statements.

Financial
Highlights (Unaudited) (continued)

	ARPS at the End of Period			VMTP Shares at the End of Period			VRDP Shares at the End of Period		
	Aggregate Amount Outstanding (000)	Liquidation Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Liquidation Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Liquidation Value Per Share	Asset Coverage Per Share
Premium Income (NPI)									
Year Ended 10/31:									
2012(a)	\$ —	\$ —	\$ —	\$ 402,400	\$ 100,000	\$ 338,070	\$ —	\$ —	—
2011	—	—	—	402,400	100,000	323,773	—	—	—
2010	400,650	25,000	82,664	—	—	—	—	—	—
2009	400,650	25,000	79,620	—	—	—	—	—	—
2008	415,450	25,000	70,540	—	—	—	—	—	—
2007	525,000	25,000	69,820	—	—	—	—	—	—
Premium Income 2 (NPM)									
Year Ended 10/31:									
2012(a)	—	—	—	—	—	—	489,500	100,000	324,582
2011	—	—	—	—	—	—	489,500	100,000	312,405
2010	487,525	25,000	79,299	—	—	—	—	—	—
2009	487,525	25,000	76,452	—	—	—	—	—	—
2008	283,550	25,000	67,109	—	—	—	—	—	—
2007	347,000	25,000	68,647	—	—	—	—	—	—

(a) For the six months ended April 30, 2012.

See accompanying notes to financial statements.

	ARPS at the End of Period			VRDP Shares at the End of Period		
	Aggregate Amount Outstanding (000)	Liquidation Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Liquidation Value Per Share	Asset Coverage Per Share
Premium Income 4 (NPT)						
Year Ended 10/31:						
2012(a)	\$ —	\$ —	\$ —	262,200	\$ 100,000	\$ 331,103
2011	—	—	—	262,200	100,000	315,686
2010	—	—	—	262,200	100,000	319,660
2009	259,050	25,000	77,481	—	—	—
2008	302,200	25,000	62,878	—	—	—
2007	338,400	25,000	67,215	—	—	—

(a) For the six months ended April 30, 2012.

See accompanying notes to financial statements.

Notes to
Financial Statements (Unaudited)

1. General Information and Significant Accounting Policies

General Information

The funds covered in this report and their corresponding New York Stock Exchange (“NYSE”) symbols are Nuveen Premium Income Municipal Fund, Inc. (NPI), Nuveen Premium Income Municipal Fund 2, Inc. (NPM) and Nuveen Premium Income Municipal Fund 4, Inc. (NPT) (each a “Fund” and collectively the “Funds”). The Funds are registered under the Investment Company Act of 1940, as amended, as closed-end, registered investment companies.

Each Fund seeks to provide current income exempt from regular federal income tax by investing primarily in a portfolio of municipal obligations issued by state and local government authorities or certain U.S. territories.

Significant Accounting Policies

The following is a summary of significant accounting policies followed by the Funds in the preparation of their financial statements in accordance with U.S. generally accepted accounting principles (“U.S. GAAP”).

Investment Valuation

Prices of municipal bonds are provided by a pricing service approved by the Funds’ Board of Directors. These securities are generally classified as Level 2 for fair value measurement purposes. The pricing service establishes a security’s fair value using methods that may include consideration of the following: yields or prices of investments of comparable quality, type of issue, coupon, maturity and rating, market quotes or indications of value from security dealers, evaluations of anticipated cash flows or collateral, general market conditions and other information and analysis, including the obligor’s credit characteristics considered relevant. In pricing certain securities, particularly less liquid and lower quality securities, the pricing service may consider information about a security, its issuer, or market activity, provided by Nuveen Fund Advisors, Inc. (the “Adviser”), a wholly-owned subsidiary of Nuveen Investments, Inc. (“Nuveen”). These securities are generally classified as Level 2 or Level 3 depending on the priority of the significant inputs.

Certain securities may not be able to be priced by the pre-established pricing methods as described above. Such securities may be valued by the Funds’ Board of Directors or its designee at fair value. These securities generally include, but are not limited to, restricted securities (securities which may not be publicly sold without registration under the Securities Act of 1933, as amended) for which a pricing service is unable to provide a market price; securities whose trading has been formally suspended; debt securities that have gone into default and for which there is no current market quotation; a security whose market price is not available from a pre-established pricing source; a security with respect to which an event has occurred that is likely to materially affect the value of the security after the market has closed but before the calculation of a Fund’s net asset value (as may be the case in non-U.S. markets on which the security is primarily traded) or make it difficult or impossible to obtain a reliable market quotation; and a security whose price, as provided by the pricing service, is not deemed to reflect the security’s fair value. As a general principle, the fair value of a security would appear to be the amount that the owner might reasonably expect to receive for it in a current sale. A variety of factors may be considered in determining the fair value of such securities, which may include consideration of the following: yields or prices of investments of comparable quality, type of issue, coupon, maturity and rating, market quotes or indications of value from security dealers, evaluations of anticipated cash flows or collateral, general market conditions and other information and analysis, including the obligor’s credit characteristics considered relevant. These securities are generally classified as Level 2 or Level 3 depending on the priority of the significant inputs. Regardless of the method employed to value a particular security, all valuations are subject to review by the Funds’ Board of Directors or its designee.

Refer to Footnote 2 – Fair Value Measurements for further details on the leveling of securities held by the Funds as of the end of the reporting period.

Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from transactions are determined on the specific identification method, which is the same basis used for federal income tax purposes. Investments purchased on a when-issued/delayed delivery basis may have extended settlement periods. Any investments so purchased are subject to market fluctuation during this period. The Funds have instructed the custodian to segregate assets with a current value at least equal to the amount of the when-issued/delayed delivery purchase commitments. At April 30, 2012, Premium Income 2 (NPM) and Premium Income 4 (NPT) had outstanding when-issued/delayed delivery purchase commitments of \$13,033,692 and \$3,977,078, respectively. There were no such outstanding purchase commitments in Premium Income (NPI).

70 Nuveen Investments

Investment Income

Investment income, which reflects the amortization of premiums and includes accretion of discounts for financial reporting purposes, is recorded on an accrual basis. Investment income also reflects paydown gains and losses, if any.

Professional Fees

Professional fees presented on the Statement of Operations consist of legal fees incurred in the normal course of operations, audit fees, tax consulting fees and, in some cases, workout expenditures. Workout expenditures are incurred in an attempt to protect or enhance an investment, or to pursue other claims or legal actions on behalf of Fund shareholders. Legal fee refund presented in the Statement of Operations reflects a refund of workout expenditures paid in a prior reporting period.

Income Taxes

Each Fund is a separate taxpayer for federal income tax purposes. Each Fund intends to distribute substantially all of its net investment income and net capital gains to shareholders and to otherwise comply with the requirements of Subchapter M of the Internal Revenue Code applicable to regulated investment companies ("RICs"). Therefore, no federal income tax provision is required. Furthermore, each Fund intends to satisfy conditions that will enable interest from municipal securities, which is exempt from regular federal and designated state income taxes, to retain such tax-exempt status when distributed to shareholders of the Funds. Net realized capital gains and ordinary income distributions paid by the Funds are subject to federal taxation.

For all open tax years and all major taxing jurisdictions, management of the Funds has concluded that there are no significant uncertain tax positions that would require recognition in the financial statements. Open tax years are those that are open for examination by taxing authorities (i.e., generally the last four tax year ends and the interim tax period since then). Furthermore, management of the Funds is also not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

Dividends and Distributions to Common Shareholders

Dividends from net investment income are declared monthly. Net realized capital gains and/or market discount from investment transactions, if any, are distributed to shareholders at least annually. Furthermore, capital gains are distributed only to the extent they exceed available capital loss carryforwards.

Distributions to Common shareholders of net investment income, net realized capital gains and/or market discount, if any, are recorded on the ex-dividend date. The amount and timing of distributions are determined in accordance with federal income tax regulations, which may differ from U.S. GAAP.

Auction Rate Preferred Shares

Each Fund is authorized to issue Auction Rate Preferred Shares ("ARPS"). As of October 31, 2011, the Funds redeemed all of their outstanding ARPS, at liquidation value.

Variable Rate MuniFund Term Preferred Shares

Premium Income (NPI) has issued and outstanding \$4,024 Series 2014 Variable Rate MuniFund Term Preferred ("VMTP") Shares, with a \$100,000 liquidation value per share. Premium Income (NPI) issued its VMTP Shares in a privately negotiated offering in February 2011. Proceeds from the issuance of VMTP Shares, net of offering expenses, were used to redeem the remainder of the Fund's outstanding ARPS. The Fund's VMTP Shares were offered to qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933.

The Fund is obligated to redeem its VMTP Shares on March 1, 2014, unless earlier redeemed or repurchased by the Fund. VMTP Shares are subject to optional and mandatory redemption in certain circumstances. The VMTP Shares were subject to redemption at the option of the Fund until March 1, 2012, subject to payment of a premium until

February 29, 2012, and at par thereafter. The Fund may be obligated to redeem certain of the VMTP Shares if the Fund fails to maintain certain asset coverage and leverage ratio requirements and such failures are not cured by the applicable cure date. The redemption price per share is equal to the sum of the liquidation value per share plus any accumulated but unpaid dividends.

The average liquidation value outstanding and annualized dividend rate of VMTP Shares for the Fund during the six months ended April 30, 2012 were \$402,400,000 and 1.39%, respectively.

Dividends on the VMTP Shares (which are treated as interest payments for financial reporting purposes) are set weekly.

For financial reporting purposes only, the liquidation value of VMTP Shares is recorded as a liability on the Statement of Assets and Liabilities. Unpaid dividends on VMTP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities. Dividends paid on VMTP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

Variable Rate Demand Preferred Shares

The following Funds have issued and outstanding Variable Rate Demand Preferred ("VRDP") Shares, with a \$100,000 liquidation value per share. Premium Income 2 (NPM) and Premium Income 4 (NPT) issued their VRDP Shares in a privately negotiated offering during May 2011 and March 2010, respectively. Proceeds of each Fund's offering were used to redeem all, or a portion of, each Fund's outstanding ARPS. The VRDP Shares were offered

Nuveen Investments

71

Notes to
Financial Statements (Unaudited) (continued)

to qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933. As of April 30, 2012, the number of VRDP Shares outstanding and maturity date for each Fund are as follows:

	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Series	1	1
Shares Outstanding	4,895	2,622
Maturity	May 1, 2041	March 1, 2040

VRDP Shares include a liquidity feature that allows VRDP shareholders to have their shares purchased by a liquidity provider with whom each Fund has contracted in the event that purchase orders for VRDP Shares in a remarketing are not sufficient in number to be matched with the sale orders in that remarketing. Each Fund is required to redeem any VRDP Shares that are still owned by the liquidity provider after six months of continuous, unsuccessful remarketing.

Dividends on the VRDP Shares (which are treated as interest payments for financial reporting purposes) are set weekly at a rate established by a remarketing agent; therefore, the market value of the VRDP Shares is expected to approximate its liquidation value. If remarketings for VRDP Shares are continuously unsuccessful for six months, the maximum rate is designed to escalate according to a specified schedule in order to enhance the remarketing agent's ability to successfully remarket the VRDP Shares.

Subject to certain conditions, VRDP Shares may be redeemed, in whole or in part, at any time at the option of each Fund. Each Fund may also redeem certain of the VRDP Shares if the Fund fails to maintain certain asset coverage requirements and such failures are not cured by the applicable cure date. The redemption price per share is equal to the sum of the liquidation value per share plus any accumulated but unpaid dividends.

The average liquidation value outstanding and annualized dividend rate of VRDP Shares for each Fund during the six months ended April 30, 2012, were as follows:

	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Average liquidation value outstanding	\$ 489,500,000	\$ 262,200,000
Annualized dividend rate	0.29%	0.26%

For financial reporting purposes only, the liquidation value of VRDP Shares is recognized as a liability on the Statement of Assets and Liabilities. Unpaid dividends on VRDP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities. Dividends paid on the VRDP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations. In addition to interest expense, each Fund also pays a per annum liquidity fee to the liquidity provider as well as a remarketing fee, which are recognized as components of "Fees on VRDP Shares" on the Statement of Operations.

Inverse Floating Rate Securities

Each Fund is authorized to invest in inverse floating rate securities. An inverse floating rate security is created by depositing a municipal bond, typically with a fixed interest rate, into a special purpose trust created by a broker-dealer. In turn, this trust (a) issues floating rate certificates, in face amounts equal to some fraction of the deposited bond's par amount or market value, that typically pay short-term tax-exempt interest rates to third parties, and (b) issues to a long-term investor (such as one of the Funds) an inverse floating rate certificate (sometimes referred to as an "inverse floater") that represents all remaining or residual interest in the trust. The income received by the inverse floater holder varies inversely with the short-term rate paid to the floating rate certificates' holders, and in most circumstances the inverse floater holder bears substantially all of the underlying bond's downside investment risk and also benefits disproportionately from any potential appreciation of the underlying bond's value. The price of an inverse floating rate security will be more volatile than that of the underlying bond because the interest rate is dependent on not only the fixed coupon rate of the underlying bond but also on the short-term interest paid on the floating rate certificates, and because the inverse floating rate security essentially bears the risk of loss of the greater face value of the underlying bond.

A Fund may purchase an inverse floating rate security in a secondary market transaction without first owning the underlying bond (referred to as an "externally-deposited inverse floater"), or instead by first selling a fixed-rate bond to a broker-dealer for deposit into the special purpose trust and receiving in turn the residual interest in the trust (referred to as a "self-deposited inverse floater"). The inverse floater held by a Fund gives the Fund the right (a) to cause the holders of the floating rate certificates to tender their notes at par, and (b) to have the broker transfer the fixed-rate bond held by the trust to the Fund, thereby collapsing the trust. An investment in an externally-deposited inverse floater is identified in the Portfolio of Investments as "(IF) – Inverse floating rate investment." An investment in a self-deposited inverse floater is accounted for as a financing transaction. In such instances, a fixed-rate bond deposited into a special purpose trust is identified in the Portfolio of Investments as "(UB) – Underlying bond of an

inverse floating rate trust reflected as a financing transaction,” with the Fund accounting for the short-term floating rate certificates issued by the trust as “Floating rate obligations” on the Statement of Assets and Liabilities. In addition, the Fund reflects in “Investment Income” the entire earnings of the underlying bond and recognizes the related interest paid to the holders of the short-term floating rate certificates as a component of “Interest expense and amortization of offering costs” on the Statement of Operations.

During the six months ended April 30, 2012, each Fund invested in externally-deposited inverse floaters and/or self-deposited inverse floaters.

Each Fund may also enter into shortfall and forbearance agreements (sometimes referred to as a “recourse trust” or “credit recovery swap”) (such agreements referred to herein as “Recourse Trusts”) with a broker-dealer by which a Fund agrees to reimburse the broker-dealer, in certain circumstances, for the difference between the liquidation value of the fixed-rate bond held by the trust and the liquidation value of the floating rate certificates issued by the trust plus any shortfalls in interest cash flows. Under these agreements, a Fund’s potential exposure to losses related to or on inverse floaters may increase beyond the value of a Fund’s inverse floater investments as a Fund may potentially be liable to fulfill all amounts owed to holders of the floating rate certificates. At period end, any such shortfall is recognized as “Unrealized depreciation on Recourse Trusts” on the Statement of Assets and Liabilities.

At April 30, 2012, each Fund’s maximum exposure to externally-deposited Recourse Trusts was as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Maximum exposure to Recourse Trusts	\$ 4,885,000	\$ 3,715,000	\$ 12,000,000

The average floating rate obligations outstanding and average annual interest rate and fees related to self-deposited inverse floaters during the six months ended April 30, 2012, were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Average floating rate obligations outstanding	\$ 105,290,319	\$ 97,472,874	\$ 59,703,000
Average annual interest rate and fees	0.51%	0.56%	0.45%

Derivative Financial Instruments

Each Fund is authorized to invest in certain derivative instruments, including foreign currency forwards, futures, options and swap contracts. Although the Funds are authorized to invest in such derivative instruments, and may do so in the future, they did not make any such investments during the six months ended April 30, 2012.

Market and Counterparty Credit Risk

In the normal course of business each Fund may invest in financial instruments and enter into financial transactions where risk of potential loss exists due to changes in the market (market risk) or failure of the other party to the transaction to perform (counterparty credit risk). The potential loss could exceed the value of the financial assets recorded on the financial statements. Financial assets, which potentially expose each Fund to counterparty credit risk, consist principally of cash due from counterparties on forward, option and swap transactions, when applicable. The extent of each Fund’s exposure to counterparty credit risk in respect to these financial assets approximates their carrying value as recorded on the Statement of Assets and Liabilities. Futures contracts, when applicable, expose a Fund to minimal counterparty credit risk as they are exchange traded and the exchange’s clearinghouse, which is counterparty to all exchange traded futures, guarantees the futures contracts against default.

Each Fund helps manage counterparty credit risk by entering into agreements only with counterparties the Adviser, believes have the financial resources to honor their obligations and by having the Adviser monitor the financial stability of the counterparties. Additionally, counterparties may be required to pledge collateral daily (based on the daily valuation of the financial asset) on behalf of each Fund with a value approximately equal to the amount of any unrealized gain above a pre-determined threshold. Reciprocally, when each Fund has an unrealized loss, the Funds have instructed the custodian to pledge assets of the Funds as collateral with a value approximately equal to the amount of the unrealized loss above a pre-determined threshold. Collateral pledges are monitored and subsequently adjusted if and when the valuations fluctuate, either up or down, by at least the pre-determined threshold amount.

Zero Coupon Securities

Each Fund is authorized to invest in zero coupon securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

Nuveen Investments

73

Notes to
Financial Statements (Unaudited) (continued)

Offering Costs

Costs incurred by Premium Income (NPI) in connection with its offering of VMTP Shares (\$1,710,000) were recorded as a deferred charge which are being amortized over the life of the shares. Costs incurred by Premium Income 2 (NPM) and Premium Income 4 (NPT) in connection with their offerings of VRDP Shares (\$1,920,000 and \$1,921,000, respectively) were recorded as deferred charges, which are being amortized over the life of the shares. Each Fund's amortized deferred charges are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

Custodian Fee Credit

Each Fund has an arrangement with the custodian bank whereby certain custodian fees and expenses are reduced by net credits earned on each Fund's cash on deposit with the bank. Such deposit arrangements are an alternative to overnight investments. Credits for cash balances may be offset by charges for any days on which a Fund overdraws its account at the custodian bank.

Indemnifications

Under the Funds' organizational documents, their officers and directors are indemnified against certain liabilities arising out of the performance of their duties to the Funds. In addition, in the normal course of business, the Funds enter into contracts that provide general indemnifications to other parties. The Funds' maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Funds that have not yet occurred. However, the Funds have not had prior claims or losses pursuant to these contracts and expect the risk of loss to be remote.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets applicable to Common shares from operations during the reporting period. Actual results may differ from those estimates.

2. Fair Value Measurements

Fair value is defined as the price that the Funds 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 three-tier hierarchy of inputs is summarized in the three broad levels listed below:

- Level 1 – Quoted prices in active markets for identical securities.
- Level 2 – Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).
- Level 3 – Significant unobservable inputs (including management's assumptions in determining the fair value of investments).

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

The inputs or methodologies used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of each Fund's fair value measurements as of April 30, 2012:

Premium Income (NPI)	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$ 1,418,842,642	\$ —	\$ 1,418,842,642
Premium Income 2 (NPM)				
	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$ 1,657,240,217	\$ —	\$ 1,657,240,217
Premium Income 4 (NPT)				
	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$ 908,703,813	\$ —	\$ 908,703,813

74 Nuveen Investments

The following is a reconciliation of the Funds' Level 3 investments held at the beginning and end of the measurement period:

	Premium Income (NPI) Level 3 Municipal Bonds	Premium Income 2 (NPM) Level 3 Municipal Bonds	Premium Income 4 (NPT) Level 3 Municipal Bonds
Balance at the beginning of period	\$ 318,630	\$ 133,380	\$ 137,826
Gains (losses):			
Net realized gains (losses)	—	—	—
Net change in unrealized appreciation (depreciation)	56,124	23,494	24,277
Purchases at cost	—	—	—
Sales at proceeds	(288,797)	(120,892)	(124,922)
Net discounts (premiums)	—	—	—
Transfers in to	—	—	—
Transfers out of	(85,957)	(35,982)	(37,181)
Balance at the end of period	\$ —	\$ —	\$ —
Change in net unrealized appreciation (depreciation) during the period of Level 3 securities held as of April 30, 2012	\$ —	\$ —	\$ —

During the six months ended April 30, 2012, the Funds recognized no significant transfers to or from Level 1 or Level 2. Transfers in and/or out of Level 3 are shown using end of period values.

3. Derivative Instruments and Hedging Activities

The Funds record derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Funds' investments in derivatives may represent economic hedges, they are not considered to be hedge transactions for financial reporting purposes. The Funds did not invest in derivative instruments during the six months ended April 30, 2012.

4. Fund Shares

Common Shares

The Funds did not repurchase any of their outstanding shares during the six months ended April 30, 2012, or the fiscal year ended October 31, 2011.

Transactions in Common shares were as follows:

	Premium Income (NPI)		Premium Income 2 (NPM) Six Months		Premium Income 4 (NPT)	
	Six Months Ended 4/30/12	Year Ended 10/31/11	Year Ended 10/31/11	Six Months Ended 4/30/12	Year Ended 10/31/11	
Common shares issued to shareholders due to reinvestment of	54,394	27,784	—	—	6,795	18,014

distributions

Nuveen Investments

75

Notes to
Financial Statements (Unaudited) (continued)

Preferred Shares

Premium Income (NPI) and Premium Income 2 (NPM) redeemed all of their outstanding ARPS during the fiscal year ended October 31, 2011. Premium Income 4 (NPT) redeemed all of its outstanding ARPS during the fiscal year ended October 31, 2010.

Transactions in ARPS during the fiscal year ended October 31, 2011, were as follows:

	Premium Income (NPI) Year Ended 10/31/11		Premium Income 2 (NPM) Year Ended 10/31/11	
	Shares	Amount	Shares	Amount
ARPS redeemed:				
Series M	2,900	\$ 72,500,000	1,600	\$ 40,000,000
Series M2	1,526	38,150,000	1,379	34,475,000
Series T	2,900	72,500,000	2,401	60,025,000
Series T2	—	—	2,683	67,075,000
Series W	2,900	72,500,000	1,600	40,000,000
Series TH	2,901	72,525,000	2,401	60,025,000
Series TH2	—	—	1,379	34,475,000
Series F	2,899	72,475,000	1,601	40,025,000
Series F2	—	—	1,504	37,600,000
Series F3	—	—	1,915	47,875,000
Series F4	—	—	1,038	25,950,000
Total	16,026	\$ 400,650,000	19,501	\$ 487,525,000

Transactions for VMTP Shares were as follows:

	Six Months Ended 4/30/12		Premium Income (NPI) Year Ended 10/31/11	
	Shares	Amount	Shares	Amount
VMTP Shares issued:				
Series 2014	—	\$ —	4,024	\$ 402,400,000

Transactions in VRDP Shares were as follows:

	Six Months Ended 4/30/12		Premium Income 2 (NPM) Year Ended 10/31/11	
	Shares	Amount	Shares	Amount
VRDP Shares issued:				
Series 1	—	\$ —	4,895	\$ 489,500,000

5. Investment Transactions

Purchases and sales (including maturities but excluding short-term investments, where applicable) during the six months ended April 30, 2012, were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Purchases	\$ 49,463,066	\$ 88,575,671	\$ 48,109,265
Sales and maturities	71,857,171	91,326,807	52,869,811

76 Nuveen Investments

6. 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 as detailed below. Temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset values of the Funds.

At April 30, 2012, the cost and unrealized appreciation (depreciation) of investments, as determined on a federal income tax basis, were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Cost of investments	\$ 1,242,364,825	\$ 1,445,471,096	\$ 784,776,772
Gross unrealized:			
Appreciation	\$ 109,434,576	\$ 131,886,311	\$ 70,667,298
Depreciation	(25,166,068)	(15,842,328)	(6,400,205)
Net unrealized appreciation (depreciation) of investments	\$ 84,268,508	\$ 116,043,983	\$ 64,267,093

Permanent differences, primarily due to federal taxes paid, non-deductible offering costs, expiring capital loss carryforwards, taxable market discount and distribution character reclassifications, resulted in reclassifications among the Funds' components of Common share net assets at October 31, 2011, the Funds' last tax year end, as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Paid-in-surplus	\$ (4,530,046)	\$ (31,547)	\$ (23,680,944)
Undistributed (Over-distribution of) net investment income	362,843	9,780	(24,153)
Accumulated net realized gain (loss)	4,167,203	21,767	23,705,097

The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains at October 31, 2011, the Funds' last tax year end, were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Undistributed net tax-exempt income *	\$ 17,607,955	\$ 21,033,809	\$ 10,722,593
Undistributed net ordinary income **	14,288	7,726	21,997
Undistributed net long-term capital gains	—	—	—

* Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on October 3, 2011, paid on November 1, 2011.

** Net ordinary income consists of taxable market discount income and net short-term capital gains, if any.

The tax character of distributions paid during the Funds' last tax year ended October 31, 2011, was designated for purposes of the dividends paid deduction as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Distributions from net tax-exempt income	\$ 62,787,473	\$ 65,953,092	\$ 37,916,463
Distributions from net ordinary income **	—	360,050	—
Distributions from net long-term capital gains	—	—	—

** Net ordinary income consists of taxable market discount income and net short-term capital gains, if any.

Notes to
Financial Statements (Unaudited) (continued)

At October 31, 2011, the Funds' last tax year end, the Funds had unused capital loss carryforwards available for federal income tax purposes to be applied against future capital gains, if any. If not applied, the carryforwards will expire as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Expiration:			
October 31, 2013	\$ —	\$ —	6,161,830
October 31, 2014	4,614,516	—	806,337
October 31, 2015	—	9,711,914	—
October 31, 2016	11,536,998	18,051,540	7,113,122
October 31, 2017	11,817,772	488,931	—
Total	\$ 27,969,286	\$ 28,252,385	\$ 14,081,289

During the Funds' last tax year ended October 31, 2011, the Funds utilized capital loss carryforwards as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Utilized capital loss carryforwards	\$ 1,041,192	\$ 2,405,050	\$ 1,137,800

During the Funds' last tax year ended October 31, 2011, the following Funds had capital loss carryforwards expire as follows:

	Premium Income (NPI)	Premium Income 4 (NPT)
Expired capital loss carryforwards	\$ 4,143,892	\$ 23,654,803

7. Management Fees and Other Transactions with Affiliates

Each Fund's management fee consists of two components – a fund-level fee, based only on the amount of assets within the Fund, and a complex-level fee, based on the aggregate amount of all eligible fund assets managed by the Adviser. This pricing structure enables Fund shareholders to benefit from growth in the assets within their respective Fund as well as from growth in the amount of complex-wide assets managed by the Adviser.

The annual fund-level fee for each Fund, payable monthly, is calculated according to the following schedule:

Average Daily Managed Assets*	Fund-Level Fee Rate
For the first \$125 million	.4500%
For the next \$125 million	.4375
For the next \$250 million	.4250
For the next \$500 million	.4125
For the next \$1 billion	.4000
For the next \$3 billion	.3875

For managed assets over \$5 billion

.3750

78 Nuveen Investments

The annual complex-level fee for each Fund, payable monthly, is calculated according to the following schedule:

Complex-Level Managed Asset Breakpoint Level*	Effective Rate at Breakpoint Level
\$55 billion	.2000%
\$56 billion	.1996
\$57 billion	.1989
\$60 billion	.1961
\$63 billion	.1931
\$66 billion	.1900
\$71 billion	.1851
\$76 billion	.1806
\$80 billion	.1773
\$91 billion	.1691
\$125 billion	.1599
\$200 billion	.1505
\$250 billion	.1469
\$300 billion	.1445

* For the fund-level and complex-level fees, managed assets include closed-end fund assets managed by the Adviser that are attributable to financial leverage. For these purposes, financial leverage includes the funds' use of preferred stock and borrowings and certain investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively financed by the trust's issuance of floating rate securities, subject to an agreement by the Adviser as to certain funds to limit the amount of such assets for determining managed assets in certain circumstances. The complex-level fee is calculated based upon the aggregate daily managed assets of all Nuveen Funds that constitute "eligible assets." Eligible assets do not include assets attributable to investments in other Nuveen Funds and assets in excess of \$2 billion added to the Nuveen Fund complex in connection with the Adviser's assumption of the management of the former First American Funds effective January 1, 2011. As of April 30, 2012, the complex-level fee rate for each of these Funds was .1724%.

The management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. The Adviser is responsible for each Fund's overall investment strategy and asset allocation decisions. The Adviser has entered into sub-advisory agreements with Nuveen Asset Management, LLC (the "Sub-Adviser"), a wholly-owned subsidiary of the Adviser, under which the Sub-Adviser manages the investment portfolios of the Funds. The Sub-Adviser is compensated for its services to the Funds from the management fees paid to the Adviser.

The Funds pay no compensation directly to those of its directors who are affiliated with the Adviser or to its officers, all of whom receive remuneration for their services to the Funds from the Adviser or its affiliates. The Board of Directors has adopted a deferred compensation plan for independent directors that enables directors to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from certain Nuveen-advised funds. Under the plan, deferred amounts are treated as though equal dollar amounts had been invested in shares of select Nuveen-advised funds.

8. New Accounting Pronouncements

On May 12, 2011, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2011-04 ("ASU No. 2011-04") modifying Topic 820, Fair Value Measurements and Disclosures. At the same time, the International Accounting Standards Board ("IASB") issued International Financial Reporting Standard ("IFRS") 13, Fair Value Measurement. The objective of the FASB and IASB is convergence of their guidance on fair value

measurements and disclosures. Specifically, ASU No. 2011-04 requires reporting entities to disclose i) the amounts of any transfers between Level 1 and Level 2 and the reasons for the transfers and ii) for Level 3 fair value measurements, a) quantitative information about significant unobservable inputs used, b) a description of the valuation processes used by the reporting entity and c) a narrative description of the sensitivity of the fair value measurement to changes in unobservable inputs if a change in those inputs might result in a significantly higher or lower fair value measurement. The effective date of ASU No. 2011-04 is for interim and annual periods beginning after December 15, 2011. At this time, management is evaluating the implications of this guidance and the impact it will have to the financial statement amounts and footnote disclosures, if any.

Nuveen Investments 79

Reinvest Automatically,
Easily and Conveniently

Nuveen makes reinvesting easy. A phone call is all it takes to set up your reinvestment account.

Nuveen Closed-End Funds Automatic Reinvestment Plan

Your Nuveen Closed-End Fund allows you to conveniently reinvest distributions in additional Fund shares.

By choosing to reinvest, you'll be able to invest money regularly and automatically, and watch your investment grow through the power of compounding. Just like distributions in cash, there may be times when income or capital gains taxes may be payable on distributions that are reinvested.

It is important to note that an automatic reinvestment plan does not ensure a profit, nor does it protect you against loss in a declining market.

Easy and convenient

To make recordkeeping easy and convenient, each month you'll receive a statement showing your total distributions, the date of investment, the shares acquired and the price per share, and the total number of shares you own.

How shares are purchased

The shares you acquire by reinvesting will either be purchased on the open market or newly issued by the Fund. If the shares are trading at or above net asset value at the time of valuation, the Fund will issue new shares at the greater of the net asset value or 95% of the then-current market price. If the shares are trading at less than net asset value, shares for your account will be purchased on the open market. If the Plan Agent begins purchasing Fund shares on the open market while shares are trading below net asset value, but the Fund's shares subsequently trade at or above their net asset value before the Plan Agent is able to complete its purchases, the Plan Agent may cease open-market purchases and may invest the uninvested portion of the distribution in newly-issued Fund shares at a price equal to the greater of the shares' net asset value or 95% of the shares' market value on the last business day immediately prior to the purchase date. Distributions received to purchase shares in the open market will normally be invested shortly after the distribution payment date. No interest will be paid on distributions awaiting reinvestment. Because the market price of the shares may increase before purchases are completed, the average purchase price per share may

exceed the market price at the time of valuation, resulting in the acquisition of fewer shares than if the distribution had been paid in shares issued by the Fund. A pro rata portion of any applicable brokerage commissions on open market purchases will be paid by Plan participants. These commissions usually will be lower than those charged on individual transactions.

Flexible

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change.

You can reinvest whether your shares are registered in your name, or in the name of a brokerage firm, bank, or other nominee. Ask your investment advisor if his or her firm will participate on your behalf. Participants whose shares are registered in the name of one firm may not be able to transfer the shares to another firm and continue to participate in the Plan.

The Fund reserves the right to amend or terminate the Plan at any time. Although the Fund reserves the right to amend the Plan to include a service charge payable by the participants, there is no direct service charge to participants in the Plan at this time.

Call today to start reinvesting distributions

For more information on the Nuveen Automatic Reinvestment Plan or to enroll in or withdraw from the Plan, speak with your financial advisor or call us at (800) 257-8787.

Nuveen Investments 81

Glossary of Terms
Used in this Report

Auction Rate Bond: An auction rate bond is a security whose interest payments are adjusted periodically through an auction process, which process typically also serves as a means for buying and selling the bond. Auctions that fail to attract enough buyers for all the shares offered for sale are deemed to have “failed,” with current holders receiving a formula-based interest rate until the next scheduled auction.

Average Annual Total Return: This is a commonly used method to express an investment’s performance over a particular, usually multi-year time period. It expresses the return that would have been necessary each year to equal the investment’s actual cumulative performance (including change in NAV or market price and reinvested dividends and capital gains distributions, if any) over the time period being considered.

Average Effective Maturity: The market-value-weighted average of the effective maturity dates of the individual securities including cash. In the case of a bond that has been advance-refunded to a call date, the effective maturity is the date on which the bond is scheduled to be redeemed using the proceeds of an escrow account. In most other cases the effective maturity is the stated maturity date of the security.

Effective Leverage: Effective leverage is a Fund’s effective economic leverage, and includes both regulatory leverage and the leverage effects of certain derivative investments in the Fund’s portfolio. Currently, the leverage effects of Tender Option Bond (TOB) inverse floater holdings are included in effective leverage values, in addition to any regulatory leverage.

Inverse Floating Rate Securities: Inverse floating rate securities, also known as inverse-floaters or tender option bonds (TOBs), are created by depositing a municipal Bond, typically with a fixed interest rate, into a special purpose trust created by a broker-dealer. This trust, in turn, (a) issues floating rate certificates typically paying short-term tax-exempt interest rates to third parties in amounts equal to some fraction of the deposited bond’s par amount or market value, and (b) issues an inverse floating rate certificate (sometimes referred to as an “inverse floater”) to an investor (such as a Fund) interested in gaining investment exposure to a long-term municipal bond. The income received by the holder of the inverse floater varies inversely with the shortterm rate paid to the floating rate certificates’ holders, and in most circumstances the holder of the inverse floater bears substantially all of the underlying bond’s downside investment risk. The holder of the inverse floater typically also benefits disproportionately from any potential appreciation of the underlying bond’s value. Hence, an inverse floater essentially represents an investment in the underlying bond on a leveraged basis.

Leverage: Using borrowed money to invest in securities or other assets, seeking to increase the return of an investment or portfolio.

Leverage-Adjusted Duration: Duration is a measure of the expected period over which a bond's principal and interest will be paid, and consequently is a measure of the sensitivity of a bond's or bond Fund's value to changes when market interest rates change. Generally, the longer a bond's or Fund's duration, the more the price of the bond or Fund will change as interest rates change.

Leverage-adjusted duration takes into account the leveraging process for a Fund and therefore is longer than the duration of the Fund's portfolio of bonds.

Lipper General & Insured Leveraged Municipal Debt Funds Classification Average: Calculated using the returns of all closed-end funds in this category. Lipper returns account for the effects of management fees and assume reinvestment of distributions, but do not reflect any applicable sales charges.

Market Yield (also known as Dividend Yield or Current Yield): An investment's current annualized dividend divided by its current market price.

Net Asset Value (NAV): The net market value of all securities held in a portfolio.

Net Asset Value (NAV) Per Share: The market value of one share of a mutual fund or closed-end fund. For a Fund, the NAV is calculated daily by taking the Fund's total assets (securities, cash, and accrued earnings), subtracting the Fund's liabilities, and dividing by the number of shares outstanding.

Pre-Refunding: Pre-Refunding, also known as advanced refundings or refinancings, is a procedure used by state and local governments to refinance municipal bonds to lower interest expenses. The issuer sells new bonds with a lower yield and uses the proceeds to buy U.S. Treasury securities, the interest from which is used to make payments on the higher-yielding bonds. Because of this collateral, pre-refunding generally raises a bond's credit rating and thus its value.

Regulatory Leverage: Regulatory Leverage consists of preferred shares issued by or borrowings of a Fund. Both of these are part of a Fund's capital structure. Regulatory leverage is sometimes referred to as "40 Act Leverage" and is subject to asset coverage limits set in the Investment Company Act of 1940.

Standard & Poor's (S&P) Municipal Bond Index: An unleveraged, market value-weighted index designed to measure the performance of the tax-exempt, investment-grade U.S. municipal bond market. Index returns assume reinvestment of distributions, but do not reflect any applicable sales charges or management fees.

Taxable-Equivalent Yield: The yield necessary from a fully taxable investment to equal, on an after-tax basis, the yield of a municipal bond investment.

Zero Coupon Bond: A zero coupon bond does not pay a regular interest coupon to its holders during the life of the bond. Tax-exempt income to the holder of the bond comes from accretion of the difference between the original purchase price of the bond at issuance and the par value of the bond at maturity and is effectively paid at maturity. The market prices of zero coupon bonds generally are more volatile than the market prices of bonds that pay interest periodically.

Notes

84 Nuveen Investments

Notes

Nuveen Investments 85

Notes

86 Nuveen Investments

Additional Fund Information

Board of Directors

John P. Amboian
Robert P. Bremner
Jack B. Evans
William C. Hunter
David J. Kundert
William J. Schneider
Judith M. Stockdale
Carole E. Stone
Virginia L. Stringer
Terence J. Toth

Fund Manager

Nuveen Fund Advisors, Inc.
333 West Wacker Drive
Chicago, IL 60606

Custodian

State Street Bank
& Trust Company
Boston, MA

Transfer Agent and
Shareholder Services
State Street Bank & Trust
Company

Nuveen Funds
P.O. Box 43071
Providence, RI 02940-3071
(800) 257-8787

Legal Counsel

Chapman and Cutler LLP
Chicago, IL

Independent Registered
Public Accounting Firm
Ernst & Young LLP
Chicago, IL

Quarterly Portfolio of Investments and Proxy Voting Information

You may obtain (i) each Fund's quarterly portfolio of investments, (ii) information regarding how the Funds voted proxies relating to portfolio securities held during the most recent twelve-month period ended June 30, and (iii) a description of the policies and procedures that the Funds used to determine how to vote proxies relating to portfolio securities without charge, upon request, by calling Nuveen Investments toll-free at (800) 257-8787 or on Nuveen's website at www.nuveen.com.

You may also obtain this and other Fund information directly from the Securities and Exchange Commission (SEC). The SEC may charge a copying fee for this information. Visit the SEC on-line at <http://www.sec.gov> or in person at the SEC's Public Reference Room in Washington, D.C. Call the SEC at (202) 942-8090 for room hours and operation. You may also request Fund information by sending an e-mail request to publicinfo@sec.gov or by writing to the SEC's Public References Section at 100 F Street NE, Washington, D.C. 20549.

CEO Certification Disclosure

Each Fund's Chief Executive Officer (CEO) has submitted to the New York Stock Exchange (NYSE) the annual CEO certification as required by Section 303A.12(a) of the NYSE Listed Company Manual.

Each Fund has filed with the SEC the certification of its Chief Executive Officer and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act.

Common Share Information

Each Fund intends to repurchase shares of its own common stock in the future at such times and in such amounts as is deemed advisable. During the period covered by this report, the Funds repurchased shares of their common stock as shown in the accompanying table.

Fund	Common Shares Repurchased
NPI	—
NPM	—
NPT	—

Any future repurchases will be reported to shareholders in the next annual or semiannual report.

Nuveen Investments:
Serving Investors for Generations

Since 1898, financial advisors and their clients have relied on Nuveen Investments to provide dependable investment solutions through continued adherence to proven, long-term investing principles. Today, we offer a range of high quality equity and fixed-income solutions designed to be integral components of a well-diversified core portfolio.

Focused on meeting investor needs.

Nuveen Investments provides high-quality investment services designed to help secure the long-term goals of institutional and individual investors as well as the consultants and financial advisors who serve them. Nuveen Investments markets a wide range of specialized investment solutions which provide investors access to capabilities of its high-quality boutique investment affiliates - Nuveen Asset Management, Symphony Asset Management, NWQ Investment Management Company, Santa Barbara Asset Management, Tradewinds Global Investors, Winslow Capital Management and Gresham Investment Management. In total, Nuveen Investments managed approximately \$227 billion as of March 31, 2012.

Find out how we can help you.

To learn more about how the products and services of Nuveen Investments may be able to help you meet your financial goals, talk to your financial advisor, or call us at (800) 257-8787. Please read the information provided carefully before you invest. Investors should consider the investment objective and policies, risk considerations, charges and expenses of any investment carefully. Where applicable, be sure to obtain a prospectus, which contains this and other relevant information. To obtain a prospectus, please contact your securities representative or Nuveen Investments, 333 W. Wacker Dr., Chicago, IL 60606. Please read the prospectus carefully before you invest or send money.

Learn more about Nuveen Funds at: www.nuveen.com/cef

Distributed by
Nuveen Securities, LLC
333 West Wacker Drive
Chicago, IL 60606
www.nuveen.com

ESA-E-0412D

ITEM 2. CODE OF ETHICS.

Not applicable to this filing.

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

Not applicable to this filing.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Not applicable to this filing.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

Not applicable to this filing.

ITEM 6. SCHEDULE OF INVESTMENTS.

(a) See Portfolio of Investments in Item 1.

(b) Not applicable.

ITEM 7. DISCLOSURE OF PROXY VOTING POLICIES AND PROCEDURES FOR CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable to this filing.

ITEM 8. PORTFOLIO MANAGERS OF CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable to this filing.

ITEM 9. PURCHASES OF EQUITY SECURITIES BY CLOSED-END MANAGEMENT INVESTMENT COMPANY AND AFFILIATED PURCHASERS.

Not applicable.

ITEM 10. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS.

There have been no material changes to the procedures by which shareholders may recommend nominees to the registrant's Board implemented after the registrant last provided disclosure in response to this Item.

ITEM 11. 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 Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (the "Exchange Act") (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 second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 12. EXHIBITS.

File the exhibits listed below as part of this Form.

- (a)(1) Any code of ethics, or amendment thereto, that is the subject of the disclosure required by Item 2, to the extent that the registrant intends to satisfy the Item 2 requirements through filing of an exhibit: Not applicable to this filing.
- (a)(2) 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)) in the exact form set forth below: See Ex-99.CERT attached hereto.
- (a)(3) Any written solicitation to purchase securities under Rule 23c-1 under the 1940 Act (17 CFR 270.23c-1) sent or given during the period covered by the report by or on behalf of the registrant to 10 or more persons: Not applicable.
- (b) If the report is filed under Section 13(a) or 15(d) of the Exchange Act, provide the certifications required by Rule 30a-2(b) under the 1940 Act (17 CFR 270.30a-2(b)); Rule 13a-14(b) or Rule 15d-14(b) under the Exchange Act (17 CFR 240.13a-14(b) or 240.15d-14(b)), and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. 1350) as an exhibit. A certification furnished pursuant to this paragraph will not be deemed "filed" for purposes of Section 18 of the Exchange Act (15 U.S.C. 78r), or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference: See Ex-99.906 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: July 9, 2012

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

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

Date: July 9, 2012

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

Date: July 9, 2012