

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-CSRS
July 09, 2007

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, 2007

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.

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

ITEM 1. REPORTS TO STOCKHOLDERS.

SEMIANNUAL REPORT April 30, 2007

Nuveen Investments
Municipal Closed-End Funds

NUVEEN PREMIUM
INCOME MUNICIPAL
FUND, INC.
NPI

NUVEEN PREMIUM
INCOME MUNICIPAL
FUND 2, INC.
NPM

NUVEEN PREMIUM
INCOME MUNICIPAL
FUND 4, INC.
NPT

Photo of: Woman and man at the beach.

Photo of: A child.

DEPENDABLE,
TAX-FREE INCOME BECAUSE
IT'S NOT WHAT YOU EARN,
IT'S WHAT YOU KEEP. (R)

Logo: NUVEEN Investments

Photo of: Woman

Photo of: Woman

Photo of: Man and child

NOW YOU CAN RECEIVE YOUR
NUVEEN FUND REPORTS FASTER.

NO MORE WAITING.
SIGN UP TODAY TO RECEIVE NUVEEN FUND INFORMATION BY E-MAIL.

It only takes a minute to sign up for E-Reports. Once enrolled, you'll receive an e-mail as soon as your Nuveen Investments 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.

DELIVERY DIRECT TO
YOUR E-MAIL INBOX

IT'S FAST, EASY & FREE:

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

WWW.INVESTORDELIVERY.COM

if you get your Nuveen Fund dividends
and statements from your financial
advisor or brokerage account.

OR

WWW.NUVEEN.COM/ACCOUNTACCESS

if you get your Nuveen Fund dividends
and statements directly from Nuveen.

(Be sure to have the address sheet that
accompanied this report handy. You'll need
it to complete the enrollment process.)

Logo: NUVEEN Investments

Photo of: Timothy R. Schwertfeger

Chairman's

LETTER TO SHAREHOLDERS

Once again, I am pleased to report that over the six-month period covered by this report your Fund continued to provide you with attractive monthly tax-free income. For more details about the management strategy and performance of your Fund, please read the Portfolio Manager's Comments, the Dividend and Share Price Information, and the Performance Overview sections of this report.

For some time, I've used these letters to remind you that municipal bonds can be an important building block in a well-balanced investment portfolio. In addition to providing attractive tax-free monthly income, a municipal bond investment like your Fund may help you achieve and benefit from greater portfolio diversification. Portfolio diversification is a recognized way to try to reduce some of the risk that comes with investing. For more information about this important investment strategy, I encourage you to contact your personal financial advisor.

"IN ADDITION TO PROVIDING ATTRACTIVE TAX-FREE MONTHLY INCOME, A MUNICIPAL BOND INVESTMENT LIKE YOUR FUND MAY HELP YOU ACHIEVE AND BENEFIT FROM GREATER PORTFOLIO DIVERSIFICATION."

We also are pleased to be able to offer you a choice concerning how you receive your shareholder reports and other Fund information. As an alternative to mailed copies, you can sign up to receive future Fund reports and other Fund information by e-mail and the internet. The inside front cover of this report contains information on how you can sign up.

We are grateful that you have chosen us as a partner as you pursue your financial goals, and we look forward to continuing to earn your trust in the months and years ahead. At Nuveen Investments, our mission continues to be to assist you and your financial advisor by offering investment services and products that can help you to secure your financial objectives.

Sincerely,

/s/ Timothy R. Schwertfeger

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

Timothy R. Schwertfeger
Chairman of the Board

June 15, 2007

Nuveen Investments Municipal Closed-End Funds
NPI, NPM, NPT

Portfolio Manager's
COMMENTS

Portfolio manager Paul Brennan reviews key investment strategies and the six-month performance of these three national Funds. With 16 years of investment experience, including 10 years at Nuveen, Paul assumed portfolio management responsibility for NPI, NPM, and NPT in July 2006.

WHAT KEY STRATEGIES WERE USED TO MANAGE THESE FUNDS DURING THE SIX-MONTH REPORTING PERIOD ENDED APRIL 30, 2007?

During this six-month period, we continued to see a further flattening of the municipal bond yield curve. In this environment, where the slope of the yield curve remained a dominant market factor, we continued to emphasize a disciplined approach to duration management and yield curve positioning. As part of this approach, our purchases for the Funds' portfolios focused mainly on attractively priced bonds with maturities of 25 years and longer. We believed that bonds in this part of the curve generally offered more attractive yields, better value and reward opportunities more commensurate with their risk levels.

Our duration management strategies during this period included the use of inverse floating rate trusts,² a type of derivative financial instrument, in all three of these Funds. The inverse floaters had the dual benefit of increasing the Funds' distributable income and bringing their durations closer to our preferred strategic target. Since late 2004, we have also used forward interest rate swaps and futures contracts, which are additional types of derivative instruments, as duration management tools in Funds where we believed this would support our overall investment performance strategies. The goal of this strategy is to help us manage the Funds' net asset value (NAV) volatility without having a negative impact on their income streams or common share dividends over the short term. During this reporting period, we deployed this strategy in NPI and NPM. NPT did not use this strategy during this period because we believed its duration was adequately positioned relative to the general market.

- 1 Duration is a measure of a bond's price sensitivity as interest rates change, with longer duration bonds displaying more sensitivity to these changes than bonds with shorter durations.
- 2 An inverse floating rate trust is a financial instrument designed to pay long-term tax-exempt interest at a rate that varies inversely with a short-term tax-exempt interest rate index. For the Nuveen Funds, the index typically used is the Securities Industry and Financial Markets (SIFM) Municipal Swap Index (previously referred to as the Bond Market Association Index or BMA). Inverse floaters, including those inverse floating rate securities in which the Funds invested during the six-month period, are further defined within the "Notes to Financial Statements" and "Glossary of Terms Used in This Report" sections of this shareholder report.

We also continued to put an emphasis on individual credit selection. During this period, the municipal market saw steady new money issuance as well as a number of major advance refundings³ and debt restructurings, which provided us with an increased number of bonds from which to choose. For the six months ended April 30, 2007, municipal issuance nationwide totaled \$223.7 billion, up 32% compared with the six-month period ended April 30, 2006. During the first four months of 2007, supply increased 37% over that of the first four months of 2006--to \$135.4 billion--primarily due to a 71% increase in refundings during this period.

Much of the new supply was highly rated and/or insured, and this factor, combined with the enhanced credit quality resulting from a number of advance refundings, meant that the Funds' allocations of credits rated AAA generally increased over this period. We also continued to work to maintain our weightings of lower credit quality bonds because of their strong performance and support for the Funds' income streams. For NPT this included participating in the new offerings of California and New Jersey tobacco bonds that were issued as part of the advance refunding of older tobacco bonds in these two states. However, as credit spreads continued to tighten, we generally found fewer attractively structured lower-rated credit opportunities in the market.

In addition to reinvesting a few bond call proceeds, we selectively sold some of the Funds' holdings that were nearing redemption in order to generate cash for purchases. We also took advantage of opportunities to sell bonds that were purchased when yields were lower and replace them with newer credits that yielded comparatively more. We continued to redeploy proceeds to bonds that could help us increase the Funds' income-generating potential, such as credits with unusual types of coupons, including zero coupon and discount bonds.

3 Advance refundings, also known as pre-refundings or refinancings, occur when an issuer sells new bonds and uses the proceeds to fund principal and interest payments of older existing bonds. This process often results in lower borrowing costs for bond issuers.

HOW DID THE FUNDS PERFORM?

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

TOTAL RETURNS ON NET ASSET VALUE
For periods ended 4/30/07

	CUMULATIVE		ANNUALIZED	
	6-MONTH	1-YEAR	5-YEAR	10-YEAR
NPI	1.47%	7.71%	6.55%	6.34%
NPM	1.58%	7.94%	6.82%	6.65%

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

NPT	1.60%	7.41%	6.23%	5.77%

Lehman Brothers Municipal Bond Index ⁴				
	1.59%	5.78%	5.16%	5.81%

Lipper General Leveraged Municipal Debt Funds Average ⁵				
	1.66%	7.42%	7.34%	6.60%

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.

For the six months ended April 30, 2007, the cumulative returns on NAV for NPM and NPT performed in line with the return on the Lehman Brothers Municipal Bond Index while NPI slightly trailed this measure. All three Funds trailed the average return for the Funds' Lipper peer group for this period.

Factors that influenced the Funds' returns during this period included duration, individual security selection, exposure to lower-rated credits, sector allocations, and advance refunding activity.

As the yield curve continued to flatten over the course of this period, municipal bonds with maturities of 20 years and longer, as measured by the Lehman Brothers Municipal Bond Index, performed best, generally outpacing municipal bonds with shorter maturities. As mentioned earlier, one of our strategies during this period focused on adding longer bonds to our portfolios. Overall, this purchase activity and our duration manage-

- 4 The Lehman Brothers Municipal Bond Index is an unleveraged, unmanaged national index comprising a broad range of investment-grade municipal bonds. Results for the Lehman index do not reflect any expenses.
- 5 The Lipper General Leveraged Municipal Debt Funds Average is calculated using the returns of all closed-end funds in this category for each period as follows: 6 months, 56; 1 year, 56; 5 years, 45; and 10 years, 39. Fund and Lipper returns assume reinvestment of dividends.

ment strategies helped to extend the Funds' durations and bring them closer in line with our preferred strategic range, which was generally beneficial.

During this period, we also continued to employ strategies that we believed could help to strengthen the future income streams of our portfolios. In addition to income potential, the Funds' holdings of zero coupon bonds, which we continued to build, also provided a positive impact on performance for this period.

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

With bonds rated BBB or lower and non-rated bonds generally outperforming other credit quality sectors during this period, all of these Funds benefited from their weightings in lower-quality credits. The outperformance of these credit sectors was largely the result of investor demand for the higher yields typically associated with lower-rated bonds, which drove up their value. NPT had heavier exposure to subinvestment-grade bonds (those rated BB or lower) than NPI or NPM, which was especially helpful during this period.

Among the lower-rated holdings making positive contributions to the Funds' returns for this period were industrial development bonds and health-care (including hospitals) credits. Lower-rated bonds backed by the 1998 master tobacco settlement agreement, which comprised approximately 4% of the portfolios of these Funds as of April 30, 2007, also performed well.

We also continued to see positive contributions from advance refunding activity, which benefited the Funds through price appreciation and enhanced credit quality. As previously mentioned, two of the more significant advance refundings during this period involved BBB rated tobacco bonds issued by California's Golden State Tobacco Securitization Corporation and New Jersey's Tobacco Settlement Financing Corporation, which were upgraded to AAA as a result of the refundings. At the same time, holdings of older, previously pre-refunded bonds tended to underperform the general municipal market during this period, particularly those with effective maturities between 5 and 10 years.

7

We should also note that all three of these Funds continued to use financial leverage to provide opportunities for additional income and total return for common shareholders. However, this strategy can also add volatility to a Fund's NAV and share price. Over this period, these two characteristics tended to offset one another, and the use of leverage was generally a neutral factor in the total return performance of these three leveraged Funds.

8

Dividend and Share Price INFORMATION

As previously noted, these three Funds use leverage to potentially enhance opportunities for additional income for common shareholders. Although the extent of this benefit was reduced during this period due to high short-term interest rates that, in turn, kept the Funds' borrowing costs high, the Funds' use of leverage continued to provide incremental income. Consequently, the dividends of NPI, NPM, and NPT remained stable throughout this six-month reporting period.

Due to normal portfolio activity, common shareholders of NPM also received a capital gains distribution of \$0.0172 per share at the end of December 2006.

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

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

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, 2007, NPI and NPM had positive UNII balances for both financial statement and, based on our best estimates, tax purposes, while NPT had a positive UNII balance, based on our best estimates, for tax purposes and a negative UNII balance for financial statement purposes.

As of April 30, 2007, the Funds' share prices were trading at discounts to their NAVs as shown in the accompanying chart:

	4/30/07 DISCOUNT	6-MONTH AVERAGE DISCOUNT
NPI	-5.86%	-6.11%
NPM	-6.07%	-7.53%
NPT	-4.34%	-5.27%

9

Nuveen Premium Income Municipal Fund, Inc.
NPI

Performance

OVERVIEW As of April 30, 2007

Pie Chart:

Credit Quality

(as a % of total investments)

AAA/U.S. Guaranteed	65%
AA	11%
A	11%
BBB	10%
N/R	3%

Bar Chart:

2006-2007 Monthly Tax-Free Dividends Per Share	
May	0.0625
Jun	0.059
Jul	0.059
Aug	0.059
Sep	0.059
Oct	0.059
Nov	0.059
Dec	0.059
Jan	0.059
Feb	0.059
Mar	0.059
Apr	0.059

Line Chart:

Share Price Performance

Weekly Closing Price

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

Past performance is not predictive of future results.

5/01/06	13.55
	13.58
	13.55
	13.53
	13.56
	13.56
	13.38
	13.17
	13.06
	13.11
	13.17
	13.15
	13.25
	13.48
	13.63
	13.68
	13.98
	14.11
	14.1
	14.09
	13.92
	13.97
	14.03
	14.1
	13.84
	13.97
	14.14
	14.33
	14.25
	14.18
	14.06
	14.41
	14.38
	14.2399
	14.23
	14.25
	14.2
	14.18
	14.32
	14.3
	14.37
	14.47
	14.37
	14.39
	14.48
	14.66
	14.55
	14.48
	14.47
	14.34
	14.26
	14.35
4/30/07	14.31

- 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.

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

FUND SNAPSHOT

Common Share Price	\$14.31
Common Share Net Asset Value	\$15.20
Premium/(Discount) to NAV	-5.86%
Market Yield	4.95%
Taxable-Equivalent Yield ¹	6.88%
Net Assets Applicable to Common Shares (\$000)	\$969,653
Average Effective Maturity on Securities (Years)	15.97
Leverage-Adjusted Duration	10.14

AVERAGE ANNUAL TOTAL RETURN

(Inception 7/18/88)

	ON SHARE PRICE	ON NAV
6-Month (Cumulative)	3.79%	1.47%
1-Year	11.15%	7.71%
5-Year	6.76%	6.55%
10-Year	6.55%	6.34%

STATES

(as a % of total investments)

New York	12.8%
California	12.3%
Texas	8.5%
Illinois	7.4%
New Jersey	4.9%
South Carolina	4.1%
Washington	4.0%
Florida	3.4%
Massachusetts	3.3%
Minnesota	3.3%
Colorado	3.1%

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

District of Columbia	2.8%
-----	-----
Nevada	2.6%
-----	-----
Pennsylvania	2.6%
-----	-----
Michigan	2.4%
-----	-----
Wisconsin	2.1%
-----	-----
Alabama	2.0%
-----	-----
Other	18.4%
-----	-----

INDUSTRIES
(as a % of total investments)

-----	-----
U.S. Guaranteed	18.9%
-----	-----
Tax Obligation/Limited	16.0%
-----	-----
Health Care	13.1%
-----	-----
Transportation	12.9%
-----	-----
Tax Obligation/General	12.9%
-----	-----
Utilities	7.3%
-----	-----
Education and Civic Organizations	4.7%
-----	-----
Other	14.2%
-----	-----

10

Nuveen Premium Income Municipal Fund 2, Inc.
NPM

Performance
OVERVIEW As of April 30, 2007

Pie Chart:
Credit Quality
(as a % of total investments)

AAA/U.S. Guaranteed	67%
AA	9%
A	11%
BBB	10%
N/R	3%

Bar Chart:
2006-2007 Monthly Tax-Free Dividends Per Share²

May	0.064
Jun	0.0605
Jul	0.0605

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

Aug	0.0605
Sep	0.0575
Oct	0.0575
Nov	0.0575
Dec	0.0575
Jan	0.0575
Feb	0.0575
Mar	0.0575
Apr	0.0575

Line Chart:

Share Price Performance

Weekly Closing Price

Past performance is not predictive of future results.

5/01/06	13.6
	13.5
	13.49
	13.63
	13.82
	13.84
	13.69
	13.45
	13.31
	13.35
	13.32
	13.22
	13.28
	13.63
	13.68
	13.86
	14.12
	14.24
	14.19
	14.16
	13.95
	14.04
	14.06
	13.98
	13.67
	13.8
	13.96
	13.99
	14
	13.94
	14.05
	14.22
	14.26
	13.97
	14.07
	14.14
	14.229
	14.15
	14.12
	14.11
	14.13
	14.21
	14.42
	14.53
	14.63
	14.65
	14.36
	14.31

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

	14.33
	14.42
	14.36
	14.42
4/30/07	14.4

- 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 The Fund paid shareholders a capital gains distribution in December 2006 of \$0.0172 per share.

FUND SNAPSHOT

Common Share Price	\$14.40
Common Share Net Asset Value	\$15.33
Premium/(Discount) to NAV	-6.07%
Market Yield	4.79%
Taxable-Equivalent Yield ¹	6.65%
Net Assets Applicable to Common Shares (\$000)	\$630,018
Average Effective Maturity on Securities (Years)	15.75
Leverage-Adjusted Duration	11.07

AVERAGE ANNUAL TOTAL RETURN
(Inception 7/23/92)

	ON SHARE PRICE	ON NAV
6-Month (Cumulative)	5.11%	1.58%
1-Year	10.63%	7.94%
5-Year	6.82%	6.82%
10-Year	6.59%	6.65%

STATES

(as a % of total investments)

California	11.9%
Illinois	10.2%
New York	10.0%

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

Texas	6.7%
South Carolina	5.9%
Washington	5.6%
Massachusetts	4.1%
Louisiana	3.8%
New Jersey	3.4%
Missouri	3.1%
Alabama	2.8%
Minnesota	2.6%
Ohio	2.4%
Michigan	2.2%
Nevada	2.1%
Florida	2.0%
Iowa	2.0%
Other	19.2%

INDUSTRIES
(as a % of total investments)

Tax Obligation/General	18.7%
U.S. Guaranteed	17.0%
Tax Obligation/Limited	15.9%
Health Care	13.3%
Utilities	10.5%
Transportation	6.4%
Education and Civic Organizations	4.9%
Other	13.3%

Nuveen Premium Income Municipal Fund 4, Inc.
NPT

Performance

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

OVERVIEW As of April 30, 2007

Pie Chart:

Credit Quality

(as a % of total investments)

AAA/U.S. Guaranteed	77%
AA	8%
A	7%
BBB	4%
BB or Lower	2%
N/R	2%

Bar Chart:

2006-2007 Monthly Tax-Free Dividends Per Share

May	0.0575
Jun	0.0545
Jul	0.0545
Aug	0.0545
Sep	0.0545
Oct	0.0545
Nov	0.0545
Dec	0.0545
Jan	0.0545
Feb	0.0545
Mar	0.0545
Apr	0.0545

Line Chart:

Share Price Performance

Weekly Closing Price

Past performance is not predictive of future results.

5/01/06	12.17
	12.19
	12.07
	12.02
	11.95
	12.09
	12.1
	11.89
	11.9
	11.95
	11.97
	11.91
	12.23
	12.41
	12.45
	12.34
	12.55
	12.58
	12.65
	12.63
	12.62
	12.65
	12.75
	12.75
	12.58
	12.65
	12.74
	12.75
	12.79
	12.79

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

12.68
 12.96
 12.97
 12.83
 12.71
 12.88
 12.88
 12.84
 12.93
 12.87
 12.95
 13.02
 12.91
 13.09
 13.05
 13.16
 13.07
 13.05
 13.16
 13.07
 12.86
 12.95
 12.99

4/30/07

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.

FUND SNAPSHOT

Common Share Price	\$12.99
Common Share Net Asset Value	\$13.58
Premium/(Discount) to NAV	-4.34%
Market Yield	5.03%
Taxable-Equivalent Yield ¹	6.99%
Net Assets Applicable to Common Shares (\$000)	\$587,288
Average Effective Maturity on Securities (Years)	15.79
Leverage-Adjusted Duration	10.42

AVERAGE ANNUAL TOTAL RETURN
 (Inception 2/19/93)

	ON SHARE PRICE	ON NAV
6-Month (Cumulative)	4.07%	1.60%
1-Year	12.38%	7.41%

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

5-Year	6.40%	6.23%
10-Year	6.44%	5.77%

STATES

(as a % of total investments)

California	10.9%
Texas	10.6%
Illinois	10.4%
New York	7.1%
Washington	5.9%
Indiana	5.5%
Michigan	4.2%
Louisiana	3.6%
Florida	3.4%
Colorado	3.2%
New Jersey	2.8%
Nevada	2.6%
Utah	2.5%
South Carolina	2.5%
Rhode Island	2.2%
Alabama	2.0%
Maryland	1.8%
Other	18.8%

INDUSTRIES

(as a % of total investments)

U.S. Guaranteed	22.8%
Tax Obligation/General	16.3%
Tax Obligation/Limited	15.2%
Health Care	11.4%
Utilities	10.6%
Transportation	7.5%
Water and Sewer	4.4%

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

Other 11.8%

12

Nuveen Premium Income Municipal Fund, Inc. (NPI)
 Portfolio of
 INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL PROVISIONS
ALABAMA - 3.3% (2.0% OF TOTAL INVESTMENTS)		
\$ 4,050	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2000, 6.125%, 12/01/16	6/10 at 102
6,000	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A: 5.250%, 11/15/20	11/15 at 100
1,300	5.000%, 11/15/30	11/15 at 100
12,000	Birmingham Waterworks and Sewerage Board, Alabama, Water and Sewerage Revenue Bonds, Series 2007A, 4.500%, 1/01/43 - AMBAC Insured (UB)	1/17 at 100
2,190	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25	6/15 at 100
5,020	DCH Health Care Authority, Alabama, Healthcare Facilities Revenue Bonds, Series 2002, 5.250%, 6/01/18	6/12 at 101
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
31,560	Total Alabama	
ALASKA - 2.8% (1.7% OF TOTAL INVESTMENTS)		
2,000	Anchorage, Alaska, General Obligation Refunding Bonds, Series 2003A: 5.250%, 9/01/17 (Pre-refunded 9/01/13) - FGIC Insured	9/13 at 100
2,035	5.250%, 9/01/18 (Pre-refunded 9/01/13) - FGIC Insured	9/13 at 100
5,000	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2000, 6.500%, 6/01/31 (Pre-refunded 6/01/10)	6/10 at 100
17,500	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	6/14 at 100
26,535	Total Alaska	

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

ARIZONA - 1.0% (0.6% 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
660	5.250%, 12/01/25		12/15 at 100
3,900	Pima County Industrial Development Authority, Arizona, Lease Obligation Revenue Refunding Bonds, Tucson Electric Power Company, Series 1988A, 7.250%, 7/15/10 - FSA Insured		7/07 at 100
4,130	University of Arizona, Certificates of Participation, Series 2002B, 5.125%, 6/01/18 - AMBAC Insured		6/12 at 100
9,190	Total Arizona		

ARKANSAS - 0.8% (0.5% OF TOTAL INVESTMENTS)

480	Paragould, Arkansas, Water, Sewer and Electric Revenue Bonds, Series 2000, 5.650%, 12/01/25 (Pre-refunded 12/01/10) - AMBAC Insured		12/10 at 100
5,245	University of Arkansas, Fayetteville, Athletic Facilities Revenue Bonds, Razorback Stadium, Series 1999, 5.050%, 9/15/20 - AMBAC Insured		9/09 at 100
2,000	Washington County, Arkansas, Hospital Revenue Bonds, Washington Regional Medical Center, Series 2005B, 5.000%, 2/01/25		2/15 at 100
7,725	Total Arkansas		

13

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
CALIFORNIA - 20.1% (12.3% OF TOTAL INVESTMENTS)		
\$ 1,275	Acalanes Union High School District, Contra Costa County, California, General Obligation Bonds, Series 2005, 5.000%, 8/01/24 - FGIC Insured	8/15 at 100
9,200	Alameda Corridor Transportation Authority, California, Subordinate Lien Revenue Bonds, Series 2004A, 0.000%, 10/01/20 - AMBAC Insured	No Opt. C
4,000	California Department of Water Resources, Power Supply	5/12 at 101

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

	Revenue Bonds, Series 2002A, 6.000%, 5/01/15 (Pre-refunded 5/01/12)	
7,200	California Educational Facilities Authority, Revenue Bonds, University of Southern California, Series 2005, 4.750%, 10/01/28	10/15 at 100
1,500	California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006, 5.000%, 11/01/30	11/15 at 100
	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A:	
3,700	5.000%, 3/01/28	3/13 at 100
7,000	5.000%, 3/01/33	3/13 at 100
5,425	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Catholic Healthcare West, Series 2004I, 4.950%, 7/01/26 (Mandatory put 7/01/14)	7/26 at 100
9,560	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100
8,570	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100
11,395	California State Public Works Board, Lease Revenue Bonds, Department of Corrections, Series 1993E, 5.500%, 6/01/15	No Opt. C
23,725	California State Public Works Board, Lease Revenue Refunding Bonds, Various University of California Projects, Series 1993A, 5.500%, 6/01/21 (Pre-refunded 6/01/07)	6/07 at 100
	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A:	
1,640	5.250%, 7/01/30	7/15 at 100
2,730	5.000%, 7/01/39	7/15 at 100
4,000	California, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14	No Opt. C
	California, General Obligation Bonds, Series 2004:	
2,000	5.125%, 2/01/25	2/14 at 100
10,000	5.125%, 2/01/26	2/14 at 100
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
4,890	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Series 2006B, 0.000%, 8/01/26 - MBIA Insured	No Opt. C
5,000	Kern Community College District, California, General Obligation Bonds, Series 2006, 0.000%, 11/01/24 - FSA Insured	No Opt. C
5,470	Los Angeles Harbors Department, California, Revenue Bonds, Series 2006A, 5.000%, 8/01/22 - FGIC Insured (Alternative Minimum Tax)	8/16 at 102
1,030	Martinez, California, Home Mortgage Revenue Bonds, Series 1983A, 10.750%, 2/01/16 (ETM)	No Opt. C
19,120	Pomona, California, GNMA/FNMA Collateralized Securities Program Single Family Mortgage Revenue Bonds, Series 1990A,	No Opt. C

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

	7.600%, 5/01/23 (ETM)	
5,000	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Series 2004, 5.875%, 7/01/26	7/14 at 100
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
3,700	Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2003R, 5.000%, 8/15/22 - MBIA Insured	8/13 at 100
	San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006:	
400	5.000%, 9/01/21	9/15 at 102
445	5.000%, 9/01/23	9/15 at 102

14

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	CALIFORNIA (continued)	
\$ 3,500	San Diego Unified Port District, California, Revenue Bonds, Series 2004B, 5.000%, 9/01/29 - MBIA Insured	9/14 at 100
50,400	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Residual Series 1997A, 0.000%, 1/15/34 - MBIA Insured (UB)	No Opt. C
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:	
10,450	0.000%, 1/15/31 - MBIA Insured	No Opt. C
24,025	0.000%, 1/15/36 - MBIA Insured	No Opt. C

251,925	Total California	

COLORADO - 5.0% (3.1% 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
690	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Bromley School, Series 2005, 5.125%, 9/15/20 - XLCA Insured	9/15 at 100
2,125	Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005, 5.000%, 6/01/29	6/16 at 100
1,000	Colorado Health Facilities Authority, Revenue Bonds, Parkview Medical Center, Series 2004, 5.000%, 9/01/25	9/14 at 100

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
275	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1997B-2, 7.000%, 5/01/26 (Alternative Minimum Tax)	5/07 at 105
205	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1997C-2, 6.875%, 11/01/28 (Alternative Minimum Tax)	11/07 at 105
640	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 2000B-2, 7.250%, 10/01/31 (Alternative Minimum Tax)	4/10 at 105
9,450	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. C
8,315	Denver City and County, Colorado, Special Facilities Airport Revenue Bonds, United Air Lines Corporation, Series 1992A, 6.875%, 10/01/32 (Alternative Minimum Tax)	10/07 at 100
19,810	Denver, Colorado, Excise Tax Revenue Bonds, Convention Center, Series 2001A, 5.500%, 9/01/18 (Pre-refunded 3/01/11) - FSA Insured	3/11 at 100
58	El Paso County, Colorado, FNMA Mortgage-Backed Single Family Revenue Refunding Bonds, Series 1992A-2, 8.750%, 6/01/11	No Opt. C

45,868	Total Colorado	

CONNECTICUT - 0.5% (0.3% OF TOTAL INVESTMENTS)		
1,930	Connecticut, General Obligation Bonds, Series 2001C, 5.500%, 12/15/16	No Opt. C
2,310	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A, 5.000%, 11/15/30 - MBIA Insured	11/15 at 100

4,240	Total Connecticut	

DISTRICT OF COLUMBIA - 4.7% (2.8% OF TOTAL INVESTMENTS)		
5,370	District of Columbia Housing Finance Agency, GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 1988E-4, 6.375%, 6/01/26 (Alternative Minimum Tax)	6/07 at 101
9,505	District of Columbia, General Obligation Bonds, Series 1998B, 6.000%, 6/01/20 - MBIA Insured	No Opt. C
10,350	District of Columbia, Revenue Bonds, Association of American Medical Colleges, Series 1997A, 5.375%, 2/15/27 - AMBAC Insured	8/07 at 102
	District of Columbia, Revenue Bonds, Georgetown University,	

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

	Series 2001A:	
14,105	0.000%, 4/01/24 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 47
7,625	0.000%, 4/01/25 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 44
16,665	0.000%, 4/01/32 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 29

15

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	DISTRICT OF COLUMBIA (continued)	
\$ 1,600	Washington Convention Center Authority, District of Columbia, Senior Lien Dedicated Tax Revenue Bonds, Series 2007, Residuals 1606, 4.500%, 10/01/30 - AMBAC Insured (IF)	10/16 at 100
3,335	Washington DC Convention Center Authority, Dedicated Tax Revenue Bonds, Residual Series 1730,1731, 1736, 4.500%, 10/01/30 (WI/DD, Settling 5/03/07) (IF)	10/16 at 100

68,555	Total District of Columbia	

	FLORIDA - 5.5% (3.4% OF TOTAL INVESTMENTS)	
4,225	Brevard County Health Facilities Authority, Florida, Revenue Bonds, Health First Inc. Project, Series 2005, 5.000%, 4/01/24	4/16 at 100
8,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.375%, 10/01/16 - MBIA Insured (Alternative Minimum Tax)	10/13 at 100
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)	4/10 at 101
19,750	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Bonds, Series 2006, 4.500%, 7/01/33 - AMBAC Insured (UB)	7/16 at 100
5,000	Orange County Health Facilities Authority, Florida, Hospital Revenue Bonds, Adventist Health System/Sunbelt Obligated Group, Series 2000, 6.500%, 11/15/30 (Pre-refunded 11/15/10)	11/10 at 101
4,910	South Miami Florida Health Facilities Authority, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (WI/DD, Settling 5/16/07)	8/17 at 100
1,785	Tallahassee, Florida, Energy System Revenue Bonds, Series 2005, 5.000%, 10/01/28 - MBIA Insured	10/15 at 100
2,375	Volusia County School Board, Florida, Certificates of Participation, Series 2005B, 5.000%, 8/01/22 - FSA Insured	8/15 at 100

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

51,445	Total Florida	
<p>GEORGIA - 1.8% (1.1% OF TOTAL INVESTMENTS)</p>		
2,625	Fulton County Development Authority, Georgia, Revenue Bonds, Georgia Tech Molecular Science Building, Series 2004, 5.250%, 5/01/24 - MBIA Insured	5/14 at 100
6,025	Fulton-DeKalb Hospital Authority, Georgia, Revenue Refunding Certificates, Series 2003, 5.250%, 1/01/20 - FSA Insured	1/14 at 100
4,845	Metropolitan Atlanta Rapid Transit Authority, Georgia, Sales Tax Revenue Refunding Bonds, Series 1992P, 6.250%, 7/01/20 - AMBAC Insured	No Opt. C
2,705	Savannah Housing Authority, Georgia, GNMA Collateralized Mortgage Revenue Refunding Bonds, Plantation Oak Project, Series 2000, 6.350%, 11/20/39	5/08 at 103
16,200	Total Georgia	
<p>HAWAII - 1.1% (0.7% OF TOTAL INVESTMENTS)</p>		
10,000	Hawaii, General Obligation Bonds, Series 2003DA, 5.250%, 9/01/21 - MBIA Insured	9/13 at 100
<p>IDAHO - 0.6% (0.4% OF TOTAL INVESTMENTS)</p>		
5,000	Boise City, Idaho, Airport Revenue Certificates of Participation, Series 2000, 5.500%, 9/01/25 - FGIC Insured (Alternative Minimum Tax)	9/10 at 100
685	Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial Hospital, Series 2006, 5.250%, 9/01/30	9/16 at 100
5,685	Total Idaho	
<p>ILLINOIS - 12.1% (7.4% OF TOTAL INVESTMENTS)</p>		
9,220	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1997A, 5.250%, 12/01/27 - AMBAC Insured	12/07 at 102
8,890	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1: 0.000%, 12/01/16 - FGIC Insured	No Opt. C
10,000	0.000%, 12/01/20 - FGIC Insured	No Opt. C
10,130	0.000%, 12/01/24 - FGIC Insured	No Opt. C

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

16

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
ILLINOIS (continued)		
\$ 15,000	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A: 0.000%, 12/01/21 - FGIC Insured	No Opt. C
10,000	0.000%, 12/01/23 - FGIC Insured	No Opt. C
26,350	Chicago Greater Metropolitan Area Sanitary District, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/35 (UB)	12/16 at 100
45	Chicago, Illinois, FNMA/GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 1996A, 7.000%, 9/01/27 (Alternative Minimum Tax)	9/07 at 104
245	Chicago, Illinois, FNMA/GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 1997B, 6.950%, 9/01/28 (Alternative Minimum Tax)	9/07 at 105
8,740	Illinois Development Finance Authority, Pollution Control Revenue Refunding Bonds, Illinois Power Company, Series 1994A, 5.700%, 2/01/24 - MBIA Insured	8/07 at 100
	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2004:	
1,050	5.250%, 11/15/22	5/14 at 100
3,000	5.250%, 11/15/23	5/14 at 100
985	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100
1,060	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32	5/12 at 100
9,820	Illinois Health Facilities Authority, Revenue Bonds, Sherman Health Systems, Series 1997, 5.250%, 8/01/27 - AMBAC Insured	8/07 at 101
10,040	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1992A, 0.000%, 6/15/15 - FGIC Insured	No Opt. C
9,200	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1999A, 5.500%, 12/15/24 - FGIC Insured	12/09 at 101
3,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Hospitality Facility, Series 1996A, 7.000%, 7/01/26 (ETM)	No Opt. C
3,000	Upper Illinois River Valley Development Authority, Healthcare Facilities Revenue Bonds, Morris Hospital, Series 2001, 6.625%, 12/01/31	12/11 at 101

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

139,775	Total Illinois	
INDIANA - 1.1% (0.7% OF TOTAL INVESTMENTS)		
2,005	Hamilton County Public Building Corporation, Indiana, First Mortgage Bonds, Series 2004, 5.000%, 8/01/22 - FSA Insured	8/14 at 100
7,965	Wawasee Community School Corporation, Indiana, First Mortgage Bonds, New Elementary and Remodeling Building Corporation, Series 2000, 5.750%, 1/15/20 (Pre-refunded 1/15/12)	1/12 at 101
9,970	Total Indiana	
IOWA - 2.1% (1.3% OF TOTAL INVESTMENTS)		
1,215	Des Moines, Iowa, General Obligation Bonds, Series 2000D: 5.750%, 6/01/17 - MBIA Insured	6/08 at 100
1,410	Des Moines, Iowa, General Obligation Bonds, Series 2000D: 5.800%, 6/01/18 - MBIA Insured	6/08 at 100
2,000	Iowa Finance Authority, Healthcare Revenue Bonds, Genesis Medical Center, Series 2000, 6.250%, 7/01/25	7/10 at 100
4,125	Iowa Finance Authority, Industrial Remarketed Revenue Refunding Bonds, Urbandale Hotel Corporation, Series 1989A, 8.500%, 8/01/16 (Alternative Minimum Tax) (ETM)	No Opt. C
10,000	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C, 5.500%, 6/01/42	6/15 at 100
18,750	Total Iowa	

17

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
KANSAS - 0.7% (0.5% OF TOTAL INVESTMENTS)		
\$ 6,000	Kansas Department of Transportation, Highway Revenue Bonds, Series 2004A, 5.000%, 3/01/21	3/14 at 100
860	Sedgwick and Shawnee Counties, Kansas, GNMA Mortgage-Backed Securities Program Single Family Revenue Bonds, Series 1998A-1, 6.500%, 12/01/22 (Alternative Minimum Tax)	6/08 at 105

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

6,860	Total Kansas	
-------	--------------	--

KENTUCKY - 0.8% (0.5% OF TOTAL INVESTMENTS)

3,770	Kentucky Turnpike Authority, Economic Development Road Revenue Bonds, Revitalization Project, Series 2005B, 5.000%, 7/01/24 - AMBAC Insured	7/15 at 100
	Marshall County School District Finance Corporation, Kentucky, School Building Revenue Bonds, Series 2004:	
1,210	5.000%, 6/01/19 - AMBAC Insured	6/14 at 100
1,270	5.000%, 6/01/20 - AMBAC Insured	6/14 at 100
1,335	5.000%, 6/01/21 - AMBAC Insured	6/14 at 100

7,585	Total Kentucky	
-------	----------------	--

LOUISIANA - 3.1% (1.9% 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
280	Louisiana Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2000A, 7.450%, 12/01/31 (Alternative Minimum Tax)	9/09 at 101
5,505	Louisiana Public Facilities Authority, Extended Care Facilities Revenue Bonds, Comm-Care Corporation Project, Series 1994, 11.000%, 2/01/14	No Opt. C
620	Louisiana Public Facilities Authority, Extended Care Facilities Revenue Bonds, Comm-Care Corporation Project, Series 1994, 11.000%, 2/01/14 (ETM)	No Opt. C
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
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2005A:	
1,200	5.000%, 5/01/25 - FGIC Insured	5/15 at 100
2,210	5.000%, 5/01/26 - FGIC Insured	5/15 at 100
2,500	5.000%, 5/01/27 - FGIC Insured	5/15 at 100
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006:	
7,725	4.500%, 5/01/41 - FGIC Insured (UB)	5/16 at 100
2,385	4.500%, 5/01/41 - FGIC Insured (UB)	5/16 at 100
930	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006, 4.750%, 5/01/39 - FSA Insured (UB)	5/16 at 100

28,270	Total Louisiana	
--------	-----------------	--

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

MARYLAND - 1.0% (0.6% OF TOTAL INVESTMENTS)

2,200	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/27 - XLCA Insured	9/16 at 100
3,560	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 - MBIA Insured (UB)	7/16 at 100
3,600	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.200%, 7/01/30 (Alternative Minimum Tax)	7/10 at 100
<hr/>		
9,360	Total Maryland	

MASSACHUSETTS - 5.4% (3.3% OF TOTAL INVESTMENTS)

2,100	Massachusetts Bay Transportation Authority, Assessment Bonds, Series 2000A, 5.250%, 7/01/30	7/10 at 100
7,900	Massachusetts Bay Transportation Authority, Assessment Bonds, Series 2000A, 5.250%, 7/01/30 (Pre-refunded 7/01/10)	7/10 at 100
4,770	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2005D, 5.000%, 7/01/33	7/15 at 100

18

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
<hr/>		
MASSACHUSETTS (continued)		
\$ 8,505	Massachusetts Housing Finance Agency, Rental Housing Mortgage Revenue Bonds, Series 2001A, 5.850%, 7/01/35 - AMBAC Insured (Alternative Minimum Tax)	1/11 at 100
2,825	Massachusetts Industrial Finance Agency, Resource Recovery Revenue Refunding Bonds, Ogden Haverhill Project, Series 1998A, 5.450%, 12/01/12 (Alternative Minimum Tax)	12/08 at 102
13,000	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 12, 4.375%, 8/01/36 (UB)	8/16 at 100
5,960	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.250%, 8/01/25 - MBIA Insured	8/17 at 100
1,600	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007, Residual Trust 7039, 4.500%, 8/01/46 - FSA Insured (IF)	2/17 at 100
3,820	Massachusetts, Special Obligation Dedicated Tax Revenue	1/14 at 100

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

Bonds, Series 2004, 5.250%, 1/01/24 (Pre-refunded 1/01/14) -
 FGIC Insured

50,480	Total Massachusetts	
--------	---------------------	--

MICHIGAN - 3.9% (2.4% OF TOTAL INVESTMENTS)

3,565	Detroit, Michigan, General Obligation Bonds, Series 2003A: 5.250%, 4/01/22 - XLCA Insured	4/13 at 100
1,275	5.250%, 4/01/23 - XLCA Insured	4/13 at 100
3,930	Hudsonville Public Schools, Ottawa and Allegan Counties, Michigan, Unlimited Tax General Obligation School Building and Site Refunding Bonds, Series 1997, 5.150%, 5/01/22 - FGIC Insured	5/08 at 100
3,000	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100
6,600	Michigan Housing Development Authority, Limited Obligation Multifamily Mortgage Revenue Refunding Bonds, Forest Hills Regency Square Project, Series 1999A, 5.750%, 7/01/29	7/07 at 102
10,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/23 - MBIA Insured	10/13 at 100
850	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100
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
35,610	Total Michigan	

MINNESOTA - 5.3% (3.3% OF TOTAL INVESTMENTS)

13,650	Cohasset, Minnesota, Pollution Control Revenue Bonds, Allete Inc., Series 2004, 4.950%, 7/01/22	7/14 at 100
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	2/14 at 100
1,000	Eden Prairie, Minnesota, GNMA Collateralized Multifamily Housing Revenue Bonds, Rolling Hills Project, Series 2001A: 6.150%, 8/20/31	8/11 at 105
2,000	6.200%, 2/20/43	8/11 at 105
3,000	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Series 1998A, 5.000%, 1/01/22 (Pre-refunded 1/01/08) - AMBAC Insured	1/08 at 101
90	Minnesota Agricultural and Economic Development Board,	11/07 at 102

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

	Healthcare System Revenue Bonds, Fairview Hospital and Healthcare Services, Series 1997A, 5.750%, 11/15/26 - MBIA Insured	
1,335	Minnesota Higher Education Facilities Authority, Revenue Bonds, University of St. Thomas, Series 2006-6I, 5.000%, 4/01/23	4/16 at 100
700	Minnesota Higher Education Facilities Authority, St. John's University Revenue Bonds, Series 2005-6G, 5.000%, 10/01/22	10/15 at 100
1,500	Minnesota Municipal Power Agency, Electric Revenue Bonds, Series 2004A, 5.250%, 10/01/24	10/14 at 100

19

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	MINNESOTA (continued)	
\$ 1,665	Rochester, Minnesota, Health Care Facilities Revenue Bonds, Series 2006, 5.000%, 11/15/36	5/16 at 100
1,545	St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, Healtheast Inc., Series 2005, 6.000%, 11/15/25	11/15 at 100
17,945	St. Paul Housing and Redevelopment Authority, Minnesota, Sales Tax Revenue Refunding Bonds, Civic Center Project, Series 1996, 7.100%, 11/01/23 - FSA Insured	11/15 at 103

46,430	Total Minnesota	

	MISSISSIPPI - 0.5% (0.3% OF TOTAL INVESTMENTS)	
4,275	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24	9/14 at 100

	MISSOURI - 2.0% (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
500	Hannibal Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Hannibal Regional Hospital, Series 2006, 5.000%, 3/01/22	3/16 at 100
	Missouri Development Finance Board, Infrastructure Facilities	

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

	Revenue Bonds, Branson Landing Project, Series 2005A:	
1,565	6.000%, 6/01/20	No Opt. C
1,260	5.000%, 6/01/35	6/15 at 100
1,500	Missouri Health and Educational Facilities Authority, Revenue Bonds, SSM Healthcare System, Series 2001A, 5.250%, 6/01/21 - AMBAC Insured	6/11 at 101
	Missouri Health and Educational Facilities Authority, Revenue Bonds, SSM Healthcare System, Series 2001A:	
1,500	5.250%, 6/01/21 (Pre-refunded 6/01/11) - AMBAC Insured	6/11 at 101
4,150	5.250%, 6/01/28 (Pre-refunded 6/01/11) - AMBAC Insured	6/11 at 101
410	Missouri Housing Development Commission, GNMA/FNMA Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 1996C, 7.450%, 9/01/27 (Alternative Minimum Tax)	9/07 at 105
2,750	Missouri Housing Development Commission, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 1999B-1, 6.700%, 9/01/30 (Alternative Minimum Tax)	3/09 at 103
2,960	St. Charles County Francis Howell School District, Missouri, General Obligation Refunding Bonds, Series 1994A, 7.800%, 3/01/08 - FGIC Insured	No Opt. C

18,595	Total Missouri	

	NEBRASKA - 1.3% (0.8% OF TOTAL INVESTMENTS)	
7,260	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Series 2006A, 5.000%, 2/01/49 - AMBAC Insured (UB)	2/17 at 100
4,410	University of Nebraska, Lincoln, Student Fees and Facilities Revenue Bonds, Series 2003B, 5.000%, 7/01/33	11/13 at 100

11,670	Total Nebraska	

	NEVADA - 4.3% (2.6% 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) - MBIA Insured	6/12 at 100
15,000	Clark County, Nevada, General Obligation Bank Bonds, Southern Nevada Water Authority Loan, Series 2001, 5.250%, 6/01/26 (Pre-refunded 6/01/11) - FGIC Insured	6/11 at 100
	Director of Nevada State Department of Business and Industry, Revenue Bonds, Las Vegas Monorail Project, First Tier, Series 2000:	
6,425	0.000%, 1/01/29 - AMBAC Insured	No Opt. C
12,000	5.375%, 1/01/40 - AMBAC Insured	1/10 at 100

43,835	Total Nevada	

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

NEW HAMPSHIRE - 0.0% (0.0% OF TOTAL INVESTMENTS)

455	New Hampshire Housing Finance Authority, Single Family Mortgage Acquisition Revenue Bonds, Series 1996B, 6.400%, 1/01/27 (Alternative Minimum Tax)	7/07 at 101
-----	--	-------------

20

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
NEW JERSEY - 8.0% (4.9% 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 - FSA Insured	1/10 at 100
8,000	Essex County Improvement Authority, New Jersey, General Obligation Guaranteed Lease Revenue Bonds, County Correctional Facility Project, Series 2000, 6.000%, 10/01/25 (Pre-refunded 10/01/10) - FGIC Insured	10/10 at 100
500	Middlesex County Improvement Authority, New Jersey, Senior Revenue Bonds, Heldrich Center Hotel/Conference Center Project, Series 2005A, 5.000%, 1/01/15	No Opt. C
New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005P:		
3,655	5.250%, 9/01/24	9/15 at 100
2,000	5.250%, 9/01/26	9/15 at 100
1,425	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Saint Barnabas Health Care System, Series 2006A, 5.000%, 7/01/29	1/17 at 100
3,985	New Jersey Housing and Mortgage Finance Agency, Home Buyer Program Revenue Bonds, Series 1997U, 5.850%, 4/01/29 - MBIA Insured (Alternative Minimum Tax)	10/07 at 101
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
9,250	5.500%, 6/15/23 (Pre-refunded 6/15/13)	6/13 at 100
3,850	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2006A, 5.250%, 12/15/20	No Opt. C
New Jersey Turnpike Authority, Revenue Bonds, Series 2000A:		
3,915	6.000%, 1/01/14 - MBIA Insured (ETM)	No Opt. C
7,585	6.000%, 1/01/14 - MBIA Insured (ETM)	No Opt. C
2,500	New Jersey Turnpike Authority, Revenue Bonds, Series 2003A, 5.000%, 1/01/19 - FGIC Insured	7/13 at 100

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

9,130	New Jersey Turnpike Authority, Revenue Bonds, Series 2005A, 5.000%, 1/01/25 - FSA Insured	1/15 at 100
<hr/>		
71,355	Total New Jersey	
<hr/>		
NEW MEXICO - 0.8% (0.5% OF TOTAL INVESTMENTS)		
740	New Mexico Mortgage Finance Authority, Single Family Mortgage Program Bonds, Series 2000D-2, 6.850%, 9/01/31 (Alternative Minimum Tax)	3/10 at 102
5,585	Santa Fe County, New Mexico, Correctional System Gross Receipts Tax Revenue Bonds, Series 1997, 6.000%, 2/01/27 - FSA Insured	No Opt. C
<hr/>		
6,325	Total New Mexico	
<hr/>		
NEW YORK - 20.9% (12.8% OF TOTAL INVESTMENTS)		
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
500	5.250%, 7/01/24	7/14 at 100
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
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
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
Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Education, Series 2006C:		
3,160	5.000%, 12/15/31 (UB)	12/16 at 100
6,960	5.000%, 12/15/35 (UB)	12/16 at 100
6,320	5.000%, 12/15/35 (UB)	12/16 at 100
6,915	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, 2006, 4.500%, 2/15/47 - MBIA Insured (UB)	2/17 at 100
6,000	Liberty Development Corporation, New York, Goldman Sachs Headquarter Revenue Bonds, Series 2005, 5.250%, 10/01/35	No Opt. C

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

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	NEW YORK (continued)	
\$ 13,580	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 1998A, 5.250%, 12/01/26 (Pre-refunded 6/01/08)	6/08 at 101
5,100	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006, 4.250%, 5/01/33 - MBIA Insured (UB)	11/16 at 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
5,000	5.000%, 12/01/24 - FGIC Insured	6/16 at 100
4,500	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005B, 5.000%, 11/15/30 - AMBAC Insured	11/15 at 100
7,400	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005F, 5.000%, 11/15/30	11/15 at 100
3,000	Metropolitan Transportation Authority, New York, Transportation Revenue Refunding Bonds, Series 2002A, 5.125%, 11/15/21 - FGIC Insured	11/12 at 100
	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
2,050	5.250%, 7/01/21	7/14 at 100
2,420	5.250%, 7/01/22	4/14 at 100
1,370	5.250%, 7/01/24	4/14 at 100
12,500	New York City, New York, General Obligation Bonds, Fiscal Series 2003D, 5.250%, 10/15/22	10/13 at 100
525	New York City, New York, General Obligation Bonds, Fiscal Series 2003J, 5.500%, 6/01/23	6/13 at 100
4,475	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
6,000	New York City, New York, General Obligation Bonds, Fiscal Series 2004C, 5.250%, 8/15/20	8/14 at 100
7,960	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/24	4/15 at 100
11,525	New York Convention Center Development Corporation, Hotel Unit Fee Revenue Bonds, Series 2005, 5.000%, 11/15/44 - AMBAC Insured (UB)	11/15 at 100
650	New York Counties Tobacco Trust I, Tobacco Settlement Pass-Through Bonds, Series 2000B, 6.500%, 6/01/35	6/10 at 101
1,350	New York Counties Tobacco Trust I, Tobacco Settlement Pass-Through Bonds, Series 2000B, 6.500%, 6/01/35	6/10 at 101

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

(Pre-refunded 6/01/10)

3,770	New York State Thruway Authority, General Revenue Bonds, Series 2005G, 5.000%, 1/01/25 - FSA Insured	7/15 at 100
	New York State Thruway Authority, Highway and Bridge Trust Fund Bonds, Second Generation, Series 2005B:	
5,000	5.000%, 4/01/21 - AMBAC Insured	10/15 at 100
2,000	5.000%, 4/01/22 - AMBAC Insured	10/15 at 100
7,400	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1, 5.500%, 6/01/16	6/10 at 100
13,010	New York State Urban Development Corporation, Service Contract Revenue Bonds, Correctional and Youth Facilities, Series 2002A, 5.500%, 1/01/17 (Mandatory put 1/01/11)	1/17 at 100
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
2,000	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Fortieth Series 2005, 5.000%, 12/01/27 - XLCA Insured	6/15 at 101
5,000	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Thirty-Fifth Series 2004, 5.000%, 9/15/28 - XLCA Insured	3/14 at 101
2,720	Rensselaer County Industrial Development Agency, New York, Civic Facility Revenue Bonds, Rensselaer Polytechnic Institute, Series 2006, 5.000%, 3/01/26	3/16 at 100
9,515	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Refunding Bonds, Series 2002B, 5.000%, 11/15/22	11/12 at 100
191,675	Total New York	

22

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	NORTH CAROLINA - 1.1% (0.7% OF TOTAL INVESTMENTS)	
	Charlotte, North Carolina, Certificates of Participation, Governmental Facilities Projects, Series 2003G:	
\$ 5,785	5.250%, 6/01/22	6/13 at 100
3,475	5.250%, 6/01/23	6/13 at 100
1,000	Gaston County Industrial Facilities and Pollution Control Financing Authority, North Carolina, National Gypsum Company Project Exempt Facilities Revenue Bonds, Series 2005, 5.750%, 8/01/35 (Alternative Minimum Tax)	8/15 at 100

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

10,260	Total North Carolina	
--------	----------------------	--

NORTH DAKOTA - 1.1% (0.7% OF TOTAL INVESTMENTS)		
9,650	Dickinson, North Dakota, Health Care Facilities Revenue Bonds, BHS Long Term Care Inc., Series 1990, 7.625%, 2/15/20 - RAAI Insured	2/10 at 102

OHIO - 2.1% (1.3% OF TOTAL INVESTMENTS)		
2,750	Cincinnati City School District, Hamilton County, Ohio, General Obligation Bonds, Series 2006, 5.250%, 12/01/22 - FGIC Insured	No Opt. C
4,265	Franklin County, Ohio, Hospital Revenue and Improvement Bonds, Children's Hospital Project, Series 2001, 5.500%, 5/01/28 (Pre-refunded 5/01/11) - AMBAC Insured	5/11 at 101
2,720	Ohio State University, General Receipts Bonds, Series 2003B, 5.250%, 6/01/20	6/13 at 100
665	Richland County, Ohio, Hospital Facilities Revenue Refunding Bonds, MedCentral Health System Obligated Group, Series 2000A, 6.125%, 11/15/16	11/10 at 101
1,335	Richland County, Ohio, Hospital Facilities Revenue Refunding Bonds, MedCentral Health System Obligated Group, Series 2000A, 6.125%, 11/15/16 (Pre-refunded 11/15/10)	11/10 at 101
7,000	Steubenville, Ohio, Hospital Facilities Revenue Refunding and Improvement Bonds, Trinity Health System, Series 2000, 6.500%, 10/01/30	10/10 at 100

18,735	Total Ohio	
--------	------------	--

OKLAHOMA - 0.6% (0.2% OF TOTAL INVESTMENTS)		
Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2005:		
500	5.375%, 9/01/29	9/16 at 100
1,050	5.375%, 9/01/36	9/16 at 100
3,500	Oklahoma Capitol Improvement Authority, State Facilities Revenue Bonds, Series 2005F, 5.000%, 7/01/24 - AMBAC Insured	7/15 at 100

5,050	Total Oklahoma	
-------	----------------	--

OREGON - 1.0% (0.6% OF TOTAL INVESTMENTS)		
---	--	--

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

	Oregon Department of Administrative Services, Certificates of Participation, Series 2005A:		
2,060	5.000%, 5/01/24 - FSA Insured		5/15 at 100
4,220	5.000%, 5/01/30 - FSA Insured		5/15 at 100
2,500	Oregon State Department of Transportation, Highway User Tax Revenue Bonds, Series 2004A, 5.000%, 11/15/21		11/14 at 100
8,780	Total Oregon		

PENNSYLVANIA - 4.3% (2.6% OF TOTAL INVESTMENTS)

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
	Lancaster Higher Education Authority, Pennsylvania, Revenue Bonds, Franklin and Marshall College, Series 2003C:		
1,340	5.250%, 4/15/15		4/13 at 100
1,960	5.250%, 4/15/17		4/13 at 100
1,000	Pennsylvania State University, General Revenue Bonds, Series 2005, 5.000%, 9/01/29		9/15 at 100
2,625	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2006A, 5.000%, 12/01/26 - AMBAC Insured		6/16 at 100

23

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	PENNSYLVANIA (continued)	
	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, General Ordinance, Fifth Series 2004A-1:	
\$ 4,505	5.000%, 9/01/21 - FSA Insured	9/14 at 100
4,735	5.000%, 9/01/22 - FSA Insured	9/14 at 100
8,405	Philadelphia Redevelopment Authority, Pennsylvania, Multifamily Housing Mortgage Revenue Bonds, Cricket Court Apartments, Series 1998A, 6.200%, 4/01/25 (Alternative Minimum Tax)	4/08 at 103
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) - FSA Insured	6/13 at 100
39,550	Total Pennsylvania	

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

PUERTO RICO - 0.2% (0.1% OF TOTAL INVESTMENTS)

1,500	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2005RR, 5.000%, 7/01/30 - XLCA Insured	7/15 at 100
-------	--	-------------

SOUTH CAROLINA - 6.6% (4.1% 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
-------	--	--------------

	Greenville County School District, South Carolina, Installment Purchase Revenue Bonds, Series 2003:	
5,090	5.250%, 12/01/18	12/13 at 100
3,595	5.250%, 12/01/20	12/13 at 100
1,865	5.250%, 12/01/21	12/13 at 100

	Lexington County Health Service District, South Carolina, Hospital Revenue Bonds, Series 2004:	
1,805	6.000%, 5/01/19	5/14 at 100
2,400	5.500%, 5/01/24	5/14 at 100

	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
1,655	6.375%, 8/01/34 (Pre-refunded 8/01/13)	8/13 at 100

	Tobacco Settlement Revenue Management Authority, South Carolina, Tobacco Settlement Asset-Backed Bonds, Series 2001B:	
8,915	6.000%, 5/15/22	5/11 at 101
7,500	6.375%, 5/15/28	5/11 at 101
4,150	6.375%, 5/15/30	No Opt. C

58,930	Total South Carolina	
--------	----------------------	--

TENNESSEE - 1.2% (0.7% 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
-------	--	-------------

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
-------	--	------------

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
-----	--	-------------

3,025	Tennessee Housing Development Agency, Homeownership Program Bonds, Series 2004, 5.000%, 7/01/34 (Alternative Minimum Tax)	7/13 at 100
-------	---	-------------

15,935	Total Tennessee	
--------	-----------------	--

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

TEXAS - 13.9% (8.5% 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)	12/12 at 100
3,257	Austin Housing Finance Corporation, Texas, GNMA Collateralized Multifamily Housing Revenue Bonds, Fairway Village Project, Series 2000A, 7.375%, 6/20/35 (Alternative Minimum Tax)	12/10 at 105
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
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

24

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
Portfolio of INVESTMENTS October 31, 2006

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
TEXAS (continued)		
\$ 175	Clear Creek Independent School District, Galveston and Harris Counties, Texas, Unlimited Tax Schoolhouse and Refunding Bonds, Series 2000, 6.000%, 2/15/16	2/10 at 100
665	Harlingen Housing Finance Corporation, Texas, GNMA/FNMA Single Family Mortgage Revenue Bonds, Series 2000A, 6.700%, 9/01/33 (Alternative Minimum Tax)	9/10 at 105
3,380	Harris County Hospital District, Texas, Revenue Refunding Bonds, Series 1990, 7.400%, 2/15/10 - AMBAC Insured	No Opt. C
1,000	Harris County Hospital District, Texas, Revenue Refunding Bonds, Series 1990, 7.400%, 2/15/10 - AMBAC Insured (ETM)	No Opt. C
19,125	Harris County Hospital District, Texas, Revenue Refunding Bonds, Series 2000, 6.000%, 2/15/15 - MBIA Insured	8/10 at 100
4,000	Harris County-Houston Sports Authority, Texas, Junior Lien Revenue Refunding Bonds, Series 2001B, 5.250%, 11/15/40 - MBIA Insured	11/11 at 100
5,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/15/25 - MBIA Insured	5/14 at 100
6,000	Houston, Texas, General Obligation Public Improvement Bonds, Series 2001B, 5.500%, 3/01/15 - FSA Insured	3/11 at 100
9,250	Houston, Texas, Subordinate Lien Airport System Revenue	7/10 at 100

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

	Bonds, Series 2000B, 5.500%, 7/01/30 - FSA Insured		
4,660	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Series 2007, Residuals 07-1001, 4,750%, 8/01/43 (IF)		8/16 at 100
	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005:		
2,000	5.250%, 8/15/21		No Opt. C
2,500	5.125%, 8/15/26		No Opt. C
1,505	Lower Colorado River Authority, Texas, Contract Revenue Refunding Bonds, Transmission Services Corporation, Series 2003C, 5.250%, 5/15/23 - AMBAC Insured		5/13 at 100
245	Lower Colorado River Authority, Texas, Revenue Refunding and Improvement Bonds, Series 2003, 5.250%, 5/15/24 (Pre-refunded 5/15/13) - AMBAC Insured		5/13 at 100
3,155	Lower Colorado River Authority, Texas, Revenue Refunding and Improvement Bonds, Series 2003, 5.250%, 5/15/24 - AMBAC Insured		5/13 at 100
6,670	Pearland Independent School District, Brazoria County, Texas, General Obligation Bonds, Series 2007, Rites-PA- 1449, 4.500%, 2/15/32 (IF)		2/17 at 100
2,000	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Electric Company, Series 2001C, 5.200%, 5/01/28		11/15 at 100
10,810	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		12/10 at 105
4,000	Tarrant County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Adventist Health System - Sunbelt Obligated Group, Series 2000, 6.700%, 11/15/30 (Pre-refunded 11/15/10)		11/10 at 101
5,000	Tarrant Regional Water District, Texas, Water Revenue Refunding and Improvement Bonds, Series 1999, 5.250%, 3/01/17 - FSA Insured		3/13 at 100
4,000	Texas A&M University, Financing System Revenue Bonds, Series 1999, 5.550%, 5/15/29 (Pre-refunded 5/15/09) - MBIA Insured		5/09 at 100
25,000	Texas Turnpike Authority, First Tier Revenue Bonds, Central Texas Turnpike System, Series 2002A, 0.000%, 8/15/24 - AMBAC Insured		No Opt. C
2,500	Tomball Hospital Authority, Texas, Hospital Revenue Bonds, Tomball Regional Hospital, Series 2005, 5.000%, 7/01/20		7/15 at 100

141,887	Total Texas		

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

Nuveen Premium Income Municipal Fund, Inc. (NPI) (continued)
 Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	UTAH - 0.1% (0.1% OF TOTAL INVESTMENTS)	
\$ 900	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 1997F, 5.750%, 7/01/28 (Alternative Minimum Tax)	7/07 at 101

	VIRGINIA - 0.6% (0.2% OF TOTAL INVESTMENTS)	
4,800	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

	WASHINGTON - 6.6% (4.0% OF TOTAL INVESTMENTS)	
2,500	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Columbia Generating Station - Nuclear Project 2, Series 2002C, 5.750%, 7/01/17 - MBIA Insured	7/12 at 100
	Public Utility District 1, Chelan County, Washington, Revenue Bonds, Chelan Hydro Consolidated System, Series 1997A:	
11,820	5.650%, 7/01/32 (Mandatory put 7/01/24) (Alternative Minimum Tax)	7/07 at 102
8,000	5.650%, 7/01/32 (Mandatory put 7/01/27) (Alternative Minimum Tax)	7/07 at 102
3,125	Skagit County Public Hospital District 1, Washington, General Obligation Bonds, Series 2004A, 5.375%, 12/01/20 - MBIA Insured	6/14 at 100
5,000	Snohomish County, Washington, Limited Tax General Obligation Bonds, Series 2001, 5.250%, 12/01/26 - MBIA Insured	12/11 at 100
9,350	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1997A, 5.250%, 7/01/15 (Pre-refunded 7/01/07)	7/07 at 102
7,775	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1998A, 5.125%, 7/01/18	7/08 at 102
4,750	Washington State Healthcare Facilities Authority, Revenue Bonds, Swedish Health Services, Series 1998, 5.125%, 11/15/22 - AMBAC Insured	11/08 at 101
6,480	Washington State, Motor Vehicle Fuel Tax General Obligation Bonds, Series 2002-03C, 0.000%, 6/01/24 - MBIA Insured	No Opt. C
11,000	Washington, General Obligation Bonds, Series 2000S-5, 0.000%, 1/01/20 - FGIC Insured	No Opt. C

69,800	Total Washington	

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

WISCONSIN - 3.4% (2.1% OF TOTAL INVESTMENTS)		
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
750	5.125%, 8/01/23 (Pre-refunded 8/01/13) - AMBAC Insured	at 100
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Agnesian Healthcare Inc., Series 2001, 6.000%, 7/01/21	7/11 at 100
9,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Healthcare Inc., Series 2003, 6.400%, 4/15/33	4/13 at 100
2,175	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Carroll College Inc., Series 2001, 6.125%, 10/01/16	10/11 at 100
790	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Divine Savior Healthcare, Series 2006, 5.000%, 5/01/32	5/16 at 100
6,025	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of Christian Charity Healthcare Ministry, Series 2003A, 6.000%, 9/01/22	9/13 at 100
4,995	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of Christian Charity HealthCare Ministry, Series 2007, 5.000%, 9/01/33 (WI/DD, Settling 5/01/07)	9/17 at 100
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
Wisconsin, General Obligation Bonds, Series 2004-3:		
175	5.250%, 5/01/19 - FGIC Insured	5/14 at 100
1,265	5.250%, 5/01/21 - FGIC Insured	5/14 at 100
1,545	Wisconsin, General Obligation Bonds, Series 2004-3, 5.250%, 5/01/19 (Pre-refunded 5/01/14) - FGIC Insured	5/14 at 100
30,720	Total Wisconsin	

26

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
WYOMING - 0.4% (0.2% OF TOTAL INVESTMENTS)		
\$ 3,900	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds, FMC Corporation, Series 2005, 5.600%, 12/01/35 (Alternative Minimum Tax)	12/15 at 100
\$ 1,650,600	Total Investments (cost \$1,512,468,596) - 163.7%	

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

=====

Floating Rate Obligations - (10.8)%

Other Assets Less Liabilities - 1.2%

Preferred Shares, at Liquidation Value - (54.1)%

Net Assets Applicable to Common Shares - 100%

=====

FORWARD SWAPS OUTSTANDING AT APRIL 30, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFECTIVE DATE
Citigroup Inc.	\$15,000,000	Receive	3-Month USD-LIBOR	5.235%	Semi-Annually	12/
JPMorgan	31,000,000	Receive	3-Month USD-LIBOR	5.060	Semi-Annually	12/

=====

USD-LIBOR (United States Dollar-London Inter-Bank Offered Rate)

- (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 higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (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. Such investments are normally considered to be equivalent to AAA rated securities.
 - (5) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction pursuant to the provisions of SFAS No. 140.
- (IF) Inverse floating rate investment.

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

See accompanying notes to financial statements.

27

Nuveen Premium Income Municipal Fund 2, Inc. (NPM)
 Portfolio of
 INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
<hr/>		
	ALABAMA - 4.6% (2.8% OF TOTAL INVESTMENTS)	
	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A:	
\$ 3,600	5.250%, 11/15/20	11/15 at 100
1,000	5.000%, 11/15/30	11/15 at 100
12,000	Birmingham Waterworks and Sewerage Board, Alabama, Water and Sewerage Revenue Bonds, Series 2007A, 4.500%, 1/01/39 - AMBAC Insured (UB)	1/17 at 100
1,560	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25	6/15 at 100
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
8,255	University of South Alabama, Student Tuition Revenue Bonds, Series 2004, 5.000%, 3/15/24 - FGIC Insured	3/14 at 100
<hr/>		
28,105	Total Alabama	
<hr/>		
	ALASKA - 1.7% (1.1% OF TOTAL INVESTMENTS)	
10,500	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	6/14 at 100
<hr/>		
	ARIZONA - 0.8% (0.5% 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
265	5.250%, 12/01/25	12/15 at 100
2,850	Maricopa County Industrial Development Authority, Arizona, Multifamily Housing Revenue Bonds, Place Five and The Greenery Apartments, Series 1996A, 6.625%, 1/01/27 (ETM)	5/07 at 102
1,695	Pima County Industrial Development Authority, Arizona, Lease Obligation Revenue Refunding Bonds, Tucson Electric Power Company, Series 1988A, 7.250%, 7/15/10 - FSA Insured	7/07 at 100

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

5,010	Total Arizona	

ARKANSAS - 0.2% (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

CALIFORNIA - 19.7% (11.9% OF TOTAL INVESTMENTS)		
5,690	California Department of Veterans Affairs, Home Purchase Revenue Bonds, Series 2002A, 5.300%, 12/01/21 - AMBAC Insured	6/12 at 101
4,000	California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A: 6.000%, 5/01/15 (Pre-refunded 5/01/12)	5/12 at 101
5,500	5.375%, 5/01/21 (Pre-refunded 5/01/12)	5/12 at 101
3,255	California Educational Facilities Authority, Revenue Refunding Bonds, Loyola Marymount University, Series 2001A: 0.000%, 10/01/23 - MBIA Insured	No Opt. C
5,890	0.000%, 10/01/24 - MBIA Insured	No Opt. C
7,615	0.000%, 10/01/25 - MBIA Insured	No Opt. C
6,240	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100
2,500	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (WI/DD, Settling 5/01/07)	11/16 at 100

28

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

CALIFORNIA (continued)		
\$ 2,055	California Infrastructure Economic Development Bank, Infrastructure State Revolving Fund Revenue Bonds, Series 2004, 5.000%, 10/01/21	10/14 at 100
20,500	California, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 - CIFG Insured (UB)	6/15 at 100
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
2,500	California, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14	No Opt. C

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

3,500	California, General Obligation Bonds, Series 2003, 5.000%, 2/01/32	8/13 at 100
8,000	California, General Obligation Bonds, Series 2004, 5.125%, 2/01/25	2/14 at 100
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
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
30,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/21 (ETM)	No Opt. C
1,385	Fullerton Public Financing Authority, California, Tax Allocation Revenue Bonds, Series 2005, 5.000%, 9/01/27 - AMBAC Insured	9/15 at 100
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
435	5.100%, 9/01/30	9/15 at 102
250	San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006: 5.000%, 9/01/21	9/15 at 102
275	5.000%, 9/01/23	9/15 at 102
2,220	San Diego Redevelopment Agency, California, Subordinate Lien Tax Allocation Bonds, Centre City Project, Series 2004A, 5.000%, 9/01/20 - XLCA Insured	9/14 at 100
960	San Francisco Redevelopment Agency, California, Hotel Tax Revenue Bonds, Series 1994, 6.750%, 7/01/25 - FSA Insured	7/07 at 100
32,400	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A, 0.000%, 1/15/34 - MBIA Insured UB)	No Opt. C
6,000	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2004A, 5.250%, 8/01/19 - MBIA Insured	8/14 at 100
2,000	Sonoma County Junior College District, California, General Obligation Bonds, Series 2003A, 5.000%, 8/01/27 (Pre-refunded 8/01/13) - FSA Insured	8/13 at 100
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
162,990	Total California	

COLORADO - 2.3% (1.4% 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

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

	Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005:	
1,745	5.250%, 6/01/23	6/16 at 100
475	5.000%, 6/01/29	6/16 at 100
400	Colorado Health Facilities Authority, Revenue Bonds, Poudre Valley Health Care, Series 2005F, 5.000%, 3/01/25	3/15 at 100
120	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1995D, 7.375%, 6/01/26 (Alternative Minimum Tax)	6/07 at 104
400	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. C

29

Nuveen Premium Income Municipal Fund 2, Inc. (NPM) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	COLORADO (continued)	
\$ 6,925	Denver Convention Center Hotel Authority, Colorado, Senior Revenue Bonds, Convention Center Hotel, Series 2006, 5.125%, 12/01/25 - XLCA Insured	11/16 at 100
1,700	Denver, Colorado, FHA-Insured Multifamily Housing Revenue Bonds, Boston Lofts Project, Series 1997A, 5.750%, 10/01/27 (Alternative Minimum Tax)	10/07 at 102

13,465	Total Colorado	

	CONNECTICUT - 0.8% (0.5% OF TOTAL INVESTMENTS)	
5,000	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2003B, 5.000%, 1/01/21 - FGIC Insured	1/14 at 100

	DISTRICT OF COLUMBIA - 2.2% (1.4% OF TOTAL INVESTMENTS)	
	District of Columbia, Revenue Bonds, Georgetown University, Series 2001A:	
11,720	0.000%, 4/01/27 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 39
13,780	0.000%, 4/01/28 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 37
15,855	0.000%, 4/01/29 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 35
1,000	Washington Convention Center Authority, District of Columbia, Senior Lien Dedicated Tax Revenue Bonds, Series 2007, Residuals 1606, 4.500%, 10/01/30 - AMBAC Insured (IF)	10/16 at 100

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

42,355	Total District of Columbia	
--------	----------------------------	--

FLORIDA - 3.3% (2.0% OF TOTAL INVESTMENTS)		
4,230	Brevard County Health Facilities Authority, Florida, Revenue Bonds, Health First Inc. Project, Series 2005, 5.000%, 4/01/24	4/16 at 100
5,000	Dade County, Florida, Aviation Revenue Bonds, Series 1996A, 5.750%, 10/01/18 - MBIA Insured (Alternative Minimum Tax)	10/07 at 101
2,500	Escambia County Health Facilities Authority, Florida, Health Facility Revenue Refunding Bonds, Baptist Hospital and Baptist Manor, Series 1998, 5.125%, 10/01/19	10/08 at 101
560	Florida Housing Finance Corporation, Homeowner Mortgage Revenue Bonds, Series 2000-11, 5.850%, 1/01/22 - FSA Insured (Alternative Minimum Tax)	1/10 at 100
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)	4/10 at 101
1,700	Miami-Dade County, Florida, Beacon Tradeport Community Development District, Special Assessment Bonds, Commercial Project, Series 2002A, 5.625%, 5/01/32 - RAAI Insured	5/12 at 102
2,455	South Miami Florida Health Facilities Authority, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (WI/DD, Settling 5/16/07)	8/17 at 100

20,045	Total Florida	
--------	---------------	--

GEORGIA - 1.6% (1.0% OF TOTAL INVESTMENTS)		
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
10	Municipal Electric Authority of Georgia, Combustion Turbine Revenue Bonds, Series 2003A, 5.250%, 11/01/15 (Pre-refunded 11/01/13) - MBIA Insured	11/13 at 100
	Municipal Electric Authority of Georgia, Combustion Turbine Revenue Bonds, Series 2003A:	
3,405	5.250%, 11/01/15 - MBIA Insured	11/13 at 100
3,365	5.000%, 11/01/18 - MBIA Insured	11/13 at 100
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

9,515	Total Georgia	
-------	---------------	--

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

IDAHO - 0.9% (0.5% OF TOTAL INVESTMENTS)

280	Idaho Housing Agency, Senior Lien Single Family Mortgage Bonds, Series 1995F, 6.450%, 7/01/27 (Alternative Minimum Tax)	7/07 at 100
3,160	Idaho Housing and Finance Association, GNMA Housing Revenue Refunding Bonds, Wedgewood Terrace Project, Series 2002A-1, 7.250%, 3/20/37	3/12 at 105

30

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	IDAHO (continued)	
\$ 280	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 1996G, 6.350%, 7/01/26 (Alternative Minimum Tax)	7/07 at 101
260	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 2000B, 6.250%, 7/01/22 (Alternative Minimum Tax)	1/10 at 100
465	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 2000E, 5.950%, 7/01/20 (Alternative Minimum Tax)	7/10 at 100
500	Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial Hospital, Series 2006, 5.250%, 9/01/30	9/16 at 100

4,945	Total Idaho	

ILLINOIS - 16.8% (10.2% 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. C
17,700	Chicago Greater Metropolitan Area Sanitary District, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/35 (UB)	12/16 at 100
22,670	Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999, 0.000%, 1/01/25 - FGIC Insured	No Opt. C
1,585	Chicago, Illinois, General Obligation Bonds, Series 1995A-1, 5.125%, 1/01/25 - AMBAC Insured	1/08 at 100
620	Chicago, Illinois, General Obligation Refunding Bonds, Series 1998, 5.250%, 1/01/20 - FGIC Insured	7/08 at 102

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

	Chicago, Illinois, General Obligation Refunding Bonds, Series 1998:	
120	5.250%, 1/01/20 (Pre-refunded 7/01/08) - FGIC Insured	7/08 at 102
260	5.250%, 1/01/20 (Pre-refunded 7/01/08) - FGIC Insured	7/08 at 102
1,175	Chicago, Illinois, GNMA Collateralized Multifamily Housing Revenue Bonds, Bryn Mawr-Belle Shores Project, Series 1997, 5.800%, 6/01/23 (Alternative Minimum Tax)	6/09 at 102
3,145	Chicago, Illinois, Tax Increment Allocation Bonds, Read-Dunning Redevelopment Project, Series 1996B, 7.250%, 1/01/14	7/07 at 102
3,105	Chicago, Illinois, Tax Increment Allocation Bonds, Sanitary Drainage and Ship Canal Redevelopment Project, Series 1997A, 7.750%, 1/01/14	7/07 at 102
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. C
6,190	Cook County Community High School District 219, Niles Township, Illinois, General Obligation Capital Appreciation Bonds, Series 2001, 0.000%, 12/01/20 - MBIA Insured	No Opt. C
	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2004:	
2,000	5.250%, 11/15/14	5/14 at 100
4,420	5.250%, 11/15/15	5/14 at 100
395	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100
1,000	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32	5/12 at 100
3,000	Illinois Health Facilities Authority, Revenue Bonds, Lake Forest Hospital, Series 2003, 6.000%, 7/01/33	7/13 at 100
3,000	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 6.000%, 4/01/18	No Opt. C
	Illinois Housing Development Authority, Housing Finance Bonds, Series 2000A:	
500	5.750%, 9/01/10 (Alternative Minimum Tax)	3/10 at 100
1,245	6.200%, 9/01/20 (Alternative Minimum Tax)	3/10 at 100
11,000	Illinois, General Obligation Bonds, Illinois FIRST Program, Series 2001, 6.000%, 11/01/26 - FGIC Insured	No Opt. C
2,000	Illinois, General Obligation Bonds, Illinois FIRST Program, Series 2002, 5.500%, 2/01/18 - FGIC Insured	2/12 at 100

31

Nuveen Premium Income Municipal Fund 2, Inc. (NPM) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
---------------------------	-----------------	--------------------------

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

ILLINOIS (continued)

		Lake County Community Unit School District 60, Waukegan, Illinois, General Obligation Refunding Bonds, Series 2001B:	
\$	3,230	0.000%, 11/01/19 - FSA Insured	No Opt. C
	1,740	0.000%, 11/01/21 - FSA Insured	No Opt. C
	4,020	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, School Refunding Bonds, Series 2002, 5.250%, 12/01/20 - FSA Insured	No Opt. C
		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
	1,750	5.250%, 1/01/30	1/16 at 100
	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. C
	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. C
	2,540	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A, 5.000%, 12/15/28 - MBIA Insured	6/12 at 101

	129,985	Total Illinois	

INDIANA - 2.6% (1.6% OF TOTAL INVESTMENTS)

	1,000	Ball State University, Indiana, Student Fee Revenue Bonds, Series 2002K, 5.750%, 7/01/20 - FGIC Insured	1/12 at 100
	3,500	Indiana Bond Bank, Special Program Bonds, East Chicago Facilities Building Corporation, Series 2000A, 6.125%, 2/01/25 (Pre-refunded 2/01/10) - AMBAC Insured	2/10 at 101
		Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2000:	
	805	5.375%, 12/01/25 (Pre-refunded 12/01/10)	12/10 at 100
	4,195	5.375%, 12/01/25 (Pre-refunded 12/01/10)	12/10 at 100
		Indiana University, Student Fee Revenue Bonds, Series 2004P:	
	2,750	5.000%, 8/01/22 - AMBAC Insured	8/14 at 100
	1,600	5.000%, 8/01/24 - AMBAC Insured	8/14 at 100
	1,550	St. Joseph County Hospital Authority, Indiana, Revenue Bonds, Madison Center Inc., Series 2005, 5.250%, 2/15/23	2/15 at 100

	15,400	Total Indiana	

IOWA - 3.3% (2.0% OF TOTAL INVESTMENTS)

	2,000	Iowa Finance Authority, Healthcare Revenue Bonds, Genesis	7/10 at 100
--	-------	---	-------------

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

	Medical Center, Series 2000, 6.250%, 7/01/25	
8,000	Iowa Finance Authority, Hospital Facilities Revenue Bonds, Iowa Health System, Series 1998A, 5.125%, 1/01/28 (Pre-refunded 7/01/08) - MBIA Insured	7/08 at 102
8,000	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C, 5.500%, 6/01/42	6/15 at 100
2,000	Iowa Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2001B, 5.300%, 6/01/25 (Pre-refunded 6/01/11)	6/11 at 101

20,000	Total Iowa	

KANSAS - 0.0% (0.0% OF TOTAL INVESTMENTS)

130	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. C
-----	--	-----------

LOUISIANA - 6.3% (3.8% OF TOTAL INVESTMENTS)

465	Bossier Public Trust Financing Authority, Louisiana, Single Family Mortgage Revenue Refunding Bonds, Series 1995B, 6.125%, 8/01/28	8/07 at 100
2,610	East Baton Rouge Parish Mortgage Finance Authority, Louisiana, GNMA/FNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1994C, 6.350%, 10/01/28 (Alternative Minimum Tax)	10/07 at 101

32

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	LOUISIANA (continued)	
\$ 3,230	Jefferson Sales Tax District, Jefferson Parish, Louisiana, Special Sales Tax Revenue Refunding Bonds, Series 2002, 5.250%, 12/01/21 (Pre-refunded 12/01/12) - AMBAC Insured	12/12 at 100
4,350	Louisiana Citizens Property Insurance Corporation, Assessment Revenue Bonds, Series 2006, 5.000%, 6/01/22 - AMBAC Insured	6/16 at 100
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
4,560	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006: 4.500%, 5/01/41 - FGIC Insured (UB)	5/16 at 100
1,365	4.500%, 5/01/41 - FGIC Insured (UB)	5/16 at 100

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

	Louisiana State, Gasoline and Fuel Tax Revenue Bonds, Series 2006:	
540	4.750%, 5/01/39 - FSA Insured (UB)	5/16 at 100
14,000	4.750%, 5/01/39 - FSA Insured (UB)	5/16 at 100
705	New Orleans Home Mortgage Authority, Louisiana, GNMA/FNMA Single Family Mortgage Revenue Bonds, Series 1995A, 6.300%, 6/01/28 (Alternative Minimum Tax)	6/07 at 100
3,005	Orleans Levee District, Louisiana, Levee District General Obligation Bonds, Series 1986, 5.950%, 11/01/15 - FSA Insured	6/07 at 102

38,830	Total Louisiana	

MARYLAND - 0.8% (0.5% OF TOTAL INVESTMENTS)

1,865	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/26 - XLCA Insured	9/16 at 100
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
1,390	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2004A, 5.250%, 7/01/19	7/14 at 100

4,460	Total Maryland	

MASSACHUSETTS - 6.8% (4.1% OF TOTAL INVESTMENTS)

2,455	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. C
1,935	Massachusetts Development Finance Agency, Pioneer Valley Resource Recovery Revenue Bonds, Eco/Springfield LLC, Series 2006, 5.875%, 7/01/14 (Alternative Minimum Tax)	No Opt. C
1,000	Massachusetts Development Finance Authority, Revenue Bonds, Hampshire College, Series 2004, 5.700%, 10/01/34	10/14 at 100
9,175	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Berkshire Health System, Series 2001E, 5.700%, 10/01/25 - RAAI Insured	10/11 at 101
1,100	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Caritas Christi Obligated Group, Series 1999A, 5.625%, 7/01/20	1/09 at 101
2,750	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, New England Medical Center Hospitals, Series 2002H, 5.000%, 5/15/25 - FGIC Insured	5/12 at 100
1,325	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2005D, 5.000%, 7/01/33	7/15 at 100

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

1,100	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007, Residual Trust 7039, 4.500%, 8/01/46 - FSA Insured (IF)	2/17 at 100
	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2002E:	
11,400	5.250%, 1/01/21 (Pre-refunded 1/01/13) - FSA Insured	1/13 at 100
1,850	5.250%, 1/01/21 (Pre-refunded 1/01/13) - FSA Insured	1/13 at 100
	Massachusetts, 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
4,000	5.250%, 1/01/24 (Pre-refunded 1/01/14) - FGIC Insured	1/14 at 100
40,340	Total Massachusetts	

33

Nuveen Premium Income Municipal Fund 2, Inc. (NPM) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL PROVISIONS
	MICHIGAN - 3.7% (2.2% OF TOTAL INVESTMENTS)	
	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. C
7,955	0.000%, 12/01/22	No Opt. C
8,260	0.000%, 12/01/23	No Opt. C
8,575	0.000%, 12/01/24	No Opt. C
1,200	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100
2,000	Michigan State Hospital Finance Authority, Revenue Refunding Bonds, Detroit Medical Center Obligated Group, Series 1993A, 6.375%, 8/15/09	8/07 at 100
340	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100
3,270	Romulus Community Schools, Wayne County, Michigan, General Obligation Bonds, Series 2003, 5.000%, 5/01/22	5/13 at 100
39,260	Total Michigan	
	MINNESOTA - 4.2% (2.6% OF TOTAL INVESTMENTS)	
8,165	Cohasset, Minnesota, Pollution Control Revenue Bonds,	7/14 at 100

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

	Allete Inc., Series 2004, 4.950%, 7/01/22	
	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
1,050	5.875%, 12/01/29	12/13 at 100
2,400	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Series 2001A, 5.250%, 1/01/25 (Pre-refunded 1/01/11) - FGIC Insured	1/11 at 100
3,000	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Subordinate Airport Revenue Bonds, Series 2001C, 5.250%, 1/01/26 (Pre-refunded 1/01/11) - FGIC Insured	1/11 at 100
1,375	Minnesota Higher Education Facilities Authority, St. John's University Revenue Bonds, Series 2005-6G, 5.000%, 10/01/22	10/15 at 100
310	Minnesota Housing Finance Agency, Rental Housing Bonds, Series 1995D, 5.950%, 2/01/18 - MBIA Insured	8/07 at 100
610	Minnesota Housing Finance Agency, Single Family Mortgage Bonds, Series 1996G, 6.250%, 7/01/26 (Alternative Minimum Tax)	7/07 at 101
910	Minnesota Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2000C, 6.100%, 7/01/30 (Alternative Minimum Tax)	7/09 at 100
1,135	Minnesota Housing Finance Agency, Single Family Remarketed Mortgage Bonds, Series 1998H-2, 6.050%, 7/01/31 (Alternative Minimum Tax)	1/11 at 101
1,000	Minnesota Municipal Power Agency, Electric Revenue Bonds, Series 2004A, 5.250%, 10/01/19	10/14 at 100
2,000	Southern Minnesota Municipal Power Agency, Power Supply System Revenue Bonds, Series 1992B, 5.750%, 1/01/11 (ETM)	7/07 at 100
1,620	St. Louis Park, Minnesota, Revenue Bonds, Park Nicollet Health Services, Series 2003B, 5.500%, 7/01/25	7/14 at 100
1,000	St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, Healtheast Inc., Series 2005, 6.000%, 11/15/25	11/15 at 100
25,575	Total Minnesota	
	MISSISSIPPI - 0.4% (0.2% OF TOTAL INVESTMENTS)	
2,475	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24	9/14 at 100
	MISSOURI - 5.1% (3.1% 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

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

200	Hannibal Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Hannibal Regional Hospital, Series 2006, 5.000%, 3/01/22	3/16 at 100
-----	--	-------------

34

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	MISSOURI (continued)	
\$ 2,885	Joplin Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Freeman Health System, Series 2004, 5.500%, 2/15/24	2/15 at 100
9,000	Kansas City, Missouri, Airport Revenue Bonds, General Improvement Projects, Series 2003B, 5.250%, 9/01/17 - FGIC Insured	9/12 at 100
	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A:	
780	6.000%, 6/01/20	No Opt. C
1,225	5.000%, 6/01/35	6/15 at 100
2,500	Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series 2003, 5.125%, 5/15/24	5/13 at 100
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
1,250	Missouri Health and Educational Facilities Authority, Revenue Bonds, SSM Healthcare System, Series 2001A, 5.250%, 6/01/21 - AMBAC Insured	6/11 at 101
	Missouri Health and Educational Facilities Authority, Revenue Bonds, SSM Healthcare System, Series 2001A:	
1,250	5.250%, 6/01/21 (Pre-refunded 6/01/11) - AMBAC Insured	6/11 at 101
2,000	5.250%, 6/01/28 (Pre-refunded 6/01/11) - AMBAC Insured	6/11 at 101
4,095	Missouri, General Obligation Refunding Bonds, Fourth State Building, Series 2002A, 5.000%, 10/01/18	10/12 at 100
2,200	St. Louis, Missouri, Airport Revenue Bonds, Airport Development Program, Series 2001A, 5.125%, 7/01/22 (Pre-refunded 7/01/11) - MBIA Insured	7/11 at 100

30,585	Total Missouri	

NEBRASKA - 1.2% (0.7% OF TOTAL INVESTMENTS)

1,470	Municipal Energy Agency of Nebraska, Power Supply System Revenue Bonds, Series 2003A, 5.250%, 4/01/23 - FSA Insured	4/13 at 100
-------	---	-------------

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

4,670	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Series 2006A, 5.000%, 2/01/49 - AMBAC Insured (UB)	2/17 at 100
1,000	University of Nebraska, Lincoln, Student Fees and Facilities Revenue Bonds, Series 2003B, 5.000%, 7/01/33	11/13 at 100

7,140	Total Nebraska	

NEVADA - 3.4% (2.1% 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) - MBIA Insured	6/12 at 100
5,795	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 - AMBAC Insured	7/13 at 100
4,000	Clark County, Nevada, Subordinate Lien Airport Revenue Bonds, Series 2004A-2, 5.125%, 7/01/25 - FGIC Insured	7/14 at 100

20,205	Total Nevada	

NEW JERSEY - 5.7% (3.4% OF TOTAL INVESTMENTS)

5,615	Essex County Improvement Authority, New Jersey, Lease Revenue Bonds, Series 2003, 5.125%, 12/15/20 - FSA Insured	12/13 at 100
New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005P:		
1,325	5.250%, 9/01/24	9/15 at 100
1,000	5.250%, 9/01/26	9/15 at 100
1,080	New Jersey Educational Facilities Authority, Revenue Bonds, Rowan College, Series 2007B, 4.250%, 7/01/34 - FGIC Insured	7/17 at 100
4,310	New Jersey Housing and Mortgage Finance Agency, Multifamily Housing Revenue Bonds, Series 1997A, 5.650%, 5/01/40 - AMBAC Insured (Alternative Minimum Tax)	11/07 at 101
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

Nuveen Premium Income Municipal Fund 2, Inc. (NPM) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

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

NEW JERSEY (continued)

\$	3,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2005C, 5.250%, 6/15/15 - MBIA Insured (ETM)	No Opt. C
	3,425	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2006A, 5.250%, 12/15/20	No Opt. C
	4,000	New Jersey Turnpike Authority, Revenue Bonds, Series 2003A, 5.000%, 1/01/19 - FGIC Insured	7/13 at 100
	3,000	New Jersey Turnpike Authority, Revenue Bonds, Series 2005A, 5.000%, 1/01/24 - FSA Insured	1/15 at 100
	3,380	Union County Utilities Authority, New Jersey, Solid Waste Facility Subordinate Lease Revenue Bonds, Ogden Martin Systems of Union Inc., Series 1998A, 5.350%, 6/01/23 - AMBAC Insured (Alternative Minimum Tax)	6/08 at 101

	33,535	Total New Jersey	

NEW YORK - 16.5% (10.0% 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
		Dormitory Authority of the State of New York, Revenue Bonds, Marymount Manhattan College, Series 1999:	
	1,975	6.375%, 7/01/16 - RAAI Insured	7/09 at 101
	2,080	6.375%, 7/01/17 - RAAI Insured	7/09 at 101
	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
	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
	5,030	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 - MBIA Insured (UB)	2/17 at 100
	755	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 1998A, 5.125%, 12/01/22 (Pre-refunded 6/01/08) - FSA Insured	6/08 at 101
	3,300	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 - MBIA Insured (UB)	11/16 at 100
	1,000	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005C, 5.000%, 11/15/16	No Opt. C
	4,600	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005F, 5.000%, 11/15/30	11/15 at 100
		New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2004B:	

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

6,875	5.000%, 8/01/23	8/13 at 100
7,260	5.000%, 8/01/24	8/13 at 100
2,500	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2004C, 5.000%, 2/01/22	2/14 at 100
35	New York City, New York, General Obligation Bonds, Fiscal Series 1996J, 5.500%, 2/15/26	No Opt. C
4,000	New York City, New York, General Obligation Bonds, Fiscal Series 2004C, 5.250%, 8/15/20	8/14 at 100
2,150	New York City, New York, General Obligation Bonds, Fiscal Series 2005J, 5.000%, 3/01/25	3/15 at 100
5,000	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/24	4/15 at 100
7,420	New York Convention Center Development Corporation, Hotel Unit Fee Revenue Bonds, Series 2005, 5.000%, 11/15/44 - AMBAC Insured (UB)	11/15 at 100
	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
5,100	5.250%, 6/01/21	6/13 at 100
	New York State Thruway Authority, Highway and Bridge Trust Fund Bonds, Second Generation, Series 2005B:	
3,770	5.000%, 4/01/21 - AMBAC Insured	10/15 at 100
2,835	5.000%, 4/01/24 - AMBAC Insured	10/15 at 100

36

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	NEW YORK (continued)	
	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1:	
\$ 3,400	5.500%, 6/01/16	6/10 at 100
2,000	5.500%, 6/01/19	6/13 at 100
6,000	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Fortieth Series 2005, 5.000%, 12/01/27 - XLCA Insured	6/15 at 101
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 - MBIA Insured (Alternative Minimum Tax)	No Opt. C
1,000	Rensselaer County Industrial Development Agency, New York, Civic Facility Revenue Bonds, Rensselaer Polytechnic Institute, Series 2006, 5.000%, 3/01/26	3/16 at 100

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

98,085 Total New York

NORTH CAROLINA - 1.5% (0.9% OF TOTAL INVESTMENTS)

2,550	Cumberland County, North Carolina, Hospital Facility Revenue Bonds, Cumberland County Hospital System Inc., Cape Fear Valley Health System, Series 1999, 5.250%, 10/01/19 (Pre-refunded 10/01/09)	10/09 at 101
2,480	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)	8/07 at 105
535	North Carolina Housing Finance Agency, Single Family Revenue Bonds, Series 1996JJ, 6.450%, 9/01/27 (Alternative Minimum Tax)	9/07 at 101
	North Carolina Infrastructure Finance Corporation, Certificates of Participation, Correctional Facilities, Series 2004A:	
1,250	5.000%, 2/01/21	2/14 at 100
2,445	5.000%, 2/01/22	2/14 at 100

9,260 Total North Carolina

NORTH DAKOTA - 0.2% (0.1% OF TOTAL INVESTMENTS)

1,245	North Dakota Housing Finance Agency, Home Mortgage Finance Program Bonds, Series 2000C, 6.150%, 7/01/31 (Alternative Minimum Tax)	7/10 at 100
-------	---	-------------

OHIO - 4.0% (2.4% OF TOTAL INVESTMENTS)

3,000	Columbus City School District, Franklin County, Ohio, General Obligation Bonds, Series 2004, 5.250%, 12/01/24 (Pre-refunded 12/01/14) - FSA Insured	12/14 at 100
	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2003C:	
2,330	5.250%, 5/15/17 - MBIA Insured	5/13 at 100
4,105	5.250%, 5/15/18 - MBIA Insured	5/13 at 100
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)	1/08 at 102
6,050	Ohio Water Development Authority, Solid Waste Disposal Revenue Bonds, Bay Shore Power, Series 1998A, 5.875%, 9/01/20 (Alternative Minimum Tax)	9/08 at 102
6,400	Ohio Water Development Authority, Solid Waste Disposal Revenue Bonds, Bay Shore Power, Series 1998B, 6.625%, 9/01/20 (Alternative Minimum Tax)	9/09 at 102

23,885 Total Ohio

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

OKLAHOMA - 1.5% (0.9% OF TOTAL INVESTMENTS)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL PROVISIONS
Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2005:		
500	5.375%, 9/01/29	9/16 at 100
750	5.375%, 9/01/36	9/16 at 100
3,000	Oklahoma Municipal Power Authority, Power Supply System Revenue Bonds, Series 2007, Drivers 1742, 4.500%, 1/01/47 - FGIC Insured (IF)	No Opt. C
5,000	Oklahoma State Student Loan Authority, Senior Lien Revenue Bonds, Series 2001A-1, 5.625%, 6/01/31 (Alternative Minimum Tax)	6/11 at 102
9,250	Total Oklahoma	

37

Nuveen Premium Income Municipal Fund 2, Inc. (NPM) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL PROVISIONS
OREGON - 1.4% (0.8% 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	10/14 at 100
PENNSYLVANIA - 2.6% (1.6% OF TOTAL INVESTMENTS)		
3,500	Allegheny County Sanitary Authority, Pennsylvania, Sewerage Revenue Bonds, Series 2005A, 5.000%, 12/01/23 - MBIA Insured	12/15 at 100
1,500	Annville-Cleona School District, Lebanon County, Pennsylvania, General Obligation Bonds, Series 2005, 6.000%, 3/01/28 - FSA Insured	3/15 at 100
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
1,225	Central Dauphin School District, Dauphin County, Pennsylvania, General Obligation Bonds, Series 2006, 6.750%, 2/01/24 (Pre-refunded 2/01/16) - MBIA Insured	2/16 at 100
1,050	Delaware Valley Regional Finance Authority, Pennsylvania, Local Government Revenue Bonds, Series 1997B, 5.700%, 7/01/27 - AMBAC Insured	No Opt. C

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

5,850	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 - FSA Insured (UB)	12/16 at 100
1,000	Pennsylvania State University, General Revenue Bonds, Series 2005, 5.000%, 9/01/29	9/15 at 100
1,050	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2006A, 5.000%, 12/01/26 - AMBAC Insured	6/16 at 100

15,675	Total Pennsylvania	

RHODE ISLAND - 2.7% (1.6% OF TOTAL INVESTMENTS)		
Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A:		
10,000	6.000%, 6/01/23	6/12 at 100
6,000	6.125%, 6/01/32	6/12 at 100

16,000	Total Rhode Island	

SOUTH CAROLINA - 9.7% (5.9% OF TOTAL INVESTMENTS)		
14,000	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
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
2,500	Greenville, South Carolina, Hospital Facilities Revenue Refunding Bonds, Series 2003A, 5.000%, 5/01/25 - AMBAC Insured	5/13 at 100
7,600	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 4.000%, 1/01/23 - MBIA Insured	7/07 at 100
6,000	South Carolina JOBS Economic Development Authority, Economic Development Revenue Bonds, Bon Secours Health System Inc., Series 2002A, 5.625%, 11/15/30	11/12 at 100
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
165	6.875%, 8/01/27 (Pre-refunded 8/01/13)	8/13 at 100
4,450	6.375%, 8/01/34 (Pre-refunded 8/01/13)	8/13 at 100
550	6.375%, 8/01/34 (Pre-refunded 8/01/13)	8/13 at 100
5,000	Tobacco Settlement Revenue Management Authority, South Carolina, Tobacco Settlement Asset-Backed Bonds, Series 2001B, 6.000%, 5/15/22	5/11 at 101

57,045	Total South Carolina	

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
TENNESSEE - 0.8% (0.5% OF TOTAL INVESTMENTS)		
\$ 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
1,500	Memphis-Shelby County Airport Authority, Tennessee, Airport Revenue Bonds, Series 1999D, 6.000%, 3/01/19 - AMBAC Insured (Alternative Minimum Tax)	3/10 at 101
4,700	Total Tennessee	
TEXAS - 11.1% (6.7% OF TOTAL INVESTMENTS)		
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
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
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
3,345	Fort Worth, Texas, Water and Sewerage Revenue Bonds, Series 2001, 5.625%, 2/15/19 (Pre-refunded 2/15/12)	2/12 at 100
5,000	Gulf Coast Industrial Development Authority, Texas, Waste Disposal Revenue Bonds, Valero Refining and Marketing Company Project, Series 1997, 5.600%, 12/01/31 (Alternative Minimum Tax)	6/08 at 102
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
1,000	5.000%, 12/01/21	12/14 at 100
2,500	5.125%, 12/01/22	12/14 at 100
2,800	Harris County-Houston Sports Authority, Texas, Senior Lien Revenue Bonds, Series 2001G, 5.250%, 11/15/30 - MBIA Insured	11/11 at 100
4,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/15/24 - FGIC Insured	5/14 at 100

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

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. C
725	Keller Independent School District, Tarrant County, Texas, Unlimited Tax General Obligation Refunding Bonds, Series 2001, 5.250%, 8/15/26	8/11 at 100
5,460	Keller Independent School District, Tarrant County, Texas, Unlimited Tax General Obligation Refunding Bonds, Series 2001, 5.250%, 8/15/26 (Pre-refunded 8/15/11)	8/11 at 100
800	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005: 5.250%, 8/15/21	No Opt. C
1,000	5.125%, 8/15/26	No Opt. C
2,000	Pearland Independent School District, Brazoria County, Texas, Unlimited Tax Schoolhouse Bonds, Series 2001A, 5.250%, 2/15/22 (Pre-refunded 2/15/11)	2/11 at 100
1,000	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Electric Company, Series 2001C, 5.200%, 5/01/28	11/15 at 100
3,935	Spring Branch Independent School District, Harris County, Texas, Limited Tax Schoolhouse and Refunding Bonds, Series 2001, 5.125%, 2/01/26 (Pre-refunded 2/01/11)	2/11 at 100
3,900	Texas, General Obligation Bonds, Veterans Housing Assistance Program Fund II, Series 2001C-1, 5.200%, 12/01/21 (Alternative Minimum Tax)	12/11 at 101
2,905	Weatherford Independent School District, Parker County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001, 0.000%, 2/15/25	2/11 at 44
4,040	Weatherford Independent School District, Parker County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001, 0.000%, 2/15/25 (Pre-refunded 2/15/11)	2/11 at 44

77,180	Total Texas	

39

Nuveen Premium Income Municipal Fund 2, Inc. (NPM) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	UTAH - 0.1% (0.0% OF TOTAL INVESTMENTS)	
\$ 230	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 1997C, 5.600%, 7/01/18 (Alternative Minimum Tax)	1/09 at 101
130	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 1997E-2, 5.875%, 1/01/19 (Alternative Minimum Tax)	7/07 at 101

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

360	Total Utah	
-----	------------	--

	WASHINGTON - 9.3% (5.6% OF TOTAL INVESTMENTS)	
15,000	Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002A, 5.450%, 7/01/37 - AMBAC Insured (Alternative Minimum Tax)	7/12 at 100
7,500	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Columbia Generating Station - Nuclear Project 2, Series 2002C, 5.750%, 7/01/17 - MBIA Insured	7/12 at 100
5,000	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Nuclear Project 1, Series 2003A, 5.500%, 7/01/16	7/13 at 100
10,080	King County School District 401, Highline, Washington, General Obligation Bonds, Series 2002, 5.500%, 12/01/16 - FGIC Insured	6/12 at 100
6,965	Port of Seattle, Washington, Revenue Bonds, Series 1999A, 5.250%, 9/01/22 - FGIC Insured	9/12 at 100
2,820	Skagit County Public Hospital District 1, Washington, General Obligation Bonds, Series 2004A, 5.375%, 12/01/19 - MBIA Insured	12/14 at 100
2,500	Snohomish County, Washington, Limited Tax General Obligation Bonds, Series 2001, 5.125%, 12/01/22 - MBIA Insured	12/11 at 100
4,905	Washington, Various Purpose General Obligation Bonds, Series 1999B, 5.000%, 1/01/19	1/09 at 100

54,770	Total Washington	
--------	------------------	--

	WEST VIRGINIA - 2.5% (1.5% OF TOTAL INVESTMENTS)	
7,000	Harrison County Commission, West Virginia, Solid Waste Disposal Revenue Bonds, Potomac Edison Company - Harrison Station, Series 1993B, 6.250%, 5/01/23 - AMBAC Insured (Alternative Minimum Tax)	5/07 at 100
5,000	Mason County, West Virginia, Pollution Control Revenue Bonds, Appalachian Power Company, Series 2003L, 5.500%, 10/01/22	10/11 at 100
1,000	Pleasants County, West Virginia, Pollution Control Revenue Bonds, West Penn Power Company Pleasants Station Project, Series 1999E, 5.500%, 4/01/29 - AMBAC Insured (Alternative Minimum Tax)	4/09 at 101
2,355	West Virginia University, Unlimited Tax General Revenue Bonds, Student Fees, Series 2004C, 5.000%, 10/01/24 - FGIC Insured	10/14 at 100

15,355	Total West Virginia	
--------	---------------------	--

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

WISCONSIN - 2.5% (1.5% OF TOTAL INVESTMENTS)

5,105	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care Inc., Series 1999A, 5.600%, 2/15/29	2/09 at 100
315	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Divine Savior Healthcare, Series 2006, 5.000%, 5/01/32	5/16 at 100
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Fort Healthcare Inc., Series 2004, 5.750%, 5/01/24	5/14 at 100
3,215	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 1997, 5.625%, 2/15/17 - MBIA Insured	8/07 at 102
5,300	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 - FGIC Insured	5/16 at 100

 14,935 Total Wisconsin

40

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
------------------------	-----------------	-----------------------

WYOMING - 0.5% (0.3% OF TOTAL INVESTMENTS)

\$ 2,750	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds, FMC Corporation, Series 2005, 5.600%, 12/01/35 (Alternative Minimum Tax)	12/15 at 100
----------	--	--------------

 \$ 1,119,205 Total Investments (cost \$984,220,786) - 165.3%
 =====

Floating Rate Obligations - (11.9)%

 Other Assets Less Liabilities - 1.7%

 Preferred Shares, at Liquidation Value - (55.1)%

 Net Assets Applicable to Common Shares - 100%
 =====

FUTURES CONTRACTS OUTSTANDING AT APRIL 30, 2007:

COUNTERPARTY	CONTRACT POSITION	NUMBER OF CONTRACTS	CONTRACT EXPIRATION

U.S. 3-Year Treasury Bond	Short	(255)	6/07

(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 higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (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. Such investments are normally considered to be equivalent to AAA rated securities.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction pursuant to the provisions of SFAS No. 140.
- (IF) Inverse floating rate investment.

See accompanying notes to financial statements.

Nuveen Premium Income Municipal Fund 4, Inc. (NPT)
 Portfolio of
 INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
ALABAMA - 3.4% (2.0% OF TOTAL INVESTMENTS)		
\$ 5,150	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/16	12/11 at 101
2,395	Alabama Housing Finance Authority, FNMA Multifamily Housing Revenue Bonds, South Bay Apartments, Series 2000K, 5.950%, 2/01/33 (Alternative Minimum Tax)	2/11 at 102
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)	5/07 at 100
19,440	Total Alabama	

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

ALASKA - 0.9% (0.5% OF TOTAL INVESTMENTS)

1,665	Alaska Housing Finance Corporation, General Housing Purpose Bonds, Series 2005A, 5.000%, 12/01/30 - FGIC Insured	12/14 at 100
3,065	Alaska Municipal Bond Bank Authority, General Obligation Bonds, Series 2003E, 5.250%, 12/01/26 - MBIA Insured	12/13 at 100

 4,730 Total Alaska

ARIZONA - 1.6% (1.0% OF TOTAL INVESTMENTS)

5,000	Arizona Tourism and Sports Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Series 2003A, 5.000%, 7/01/31 - MBIA Insured	7/13 at 100
4,100	Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Series 2003, 5.000%, 12/01/18 - MBIA Insured	12/13 at 100

 9,100 Total Arizona

ARKANSAS - 0.0% (0.0% OF TOTAL INVESTMENTS)

14	Jacksonville Residential Housing Facilities Board, Arkansas, FNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Refunding Bonds, Series 1993A-2, 7.900%, 1/01/11	7/07 at 100
65	Lonoke County Residential Housing Facilities Board, Arkansas, FNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Refunding Bonds, Series 1993A, 7.900%, 4/01/11	10/07 at 101

 79 Total Arkansas

CALIFORNIA - 18.2% (10.9% OF TOTAL INVESTMENTS)

1,800	California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A, 5.500%, 5/01/14 - AMBAC Insured	5/12 at 101
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
5,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100
1,000	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42	11/16 at 100

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

(WI/DD, Settling 5/01/07)

11,000	California Infrastructure Economic Development Bank, First Lien Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2003A. 5.000%, 7/01/33 (Pre-refunded 1/01/28) - AMBAC Insured (UB)	1/28 at 100
2,000	California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31	8/11 at 102
19,545	California State, General Obligation Bonds, Series 2005, 5.000%, 6/01/33 - CFIG Insured (UB)	6/15 at 100
12,000	California, General Obligation Bonds, Series 2003, 5.250%, 2/01/22	8/13 at 100
4,500	California, General Obligation Bonds, Series 2004, 5.100%, 2/01/34 (Pre-refunded 2/01/09)	2/09 at 100

42

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

CALIFORNIA (continued)		
\$ 4,780	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/14 (ETM)	No Opt. C
610	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Bonds, Series 2007A-1, 5.125%, 6/01/47	6/17 at 100
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
3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. C
11,310	San Francisco Bay Area Rapid Transit District, California, Sales Tax Revenue Bonds, Refunding Series 2006A, 4.250%, 7/01/31 - FSA Insured (UB)	7/16 at 100
31,300	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Residual Series 1997A, 0.000%, 1/15/34 - MBIA Insured (UB)	No Opt. C
1,945	South Gate Public Financing Authority, California, Water Revenue Refunding Bonds, Series 1996A, 6.000%, 10/01/12 - FGIC Insured	No Opt. C

127,980	Total California	

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

COLORADO - 5.5% (3.2% OF TOTAL INVESTMENTS)

6,500	Adams 12 Five Star Schools, Adams County, Colorado, General Obligation Bonds, Series 2005, 4.750%, 12/15/23 - FSA Insured	12/15 at 100
2,000	Colorado Health Facilities Authority, Revenue Refunding Bonds, Catholic Health Initiatives, Series 2001, 5.250%, 9/01/21 (Pre-refunded 9/01/11)	9/11 at 100
500	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 1999C-3, 6.750%, 10/01/21	10/09 at 105
3,040	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. C
	Denver Convention Center Hotel Authority, Colorado, Senior Revenue Bonds, Convention Center Hotel, Series 2003A:	
2,940	5.000%, 12/01/20 (Pre-refunded 12/01/13) - XLCA Insured	12/13 at 100
10,000	5.000%, 12/01/33 (Pre-refunded 12/01/13) - XLCA Insured	12/13 at 100
4,345	El Paso County School District 20, Academy, Colorado, General Obligation Bonds, Series 2002, 5.250%, 12/15/17 - FGIC Insured	12/12 at 100
755	Jefferson County School District R1, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/15/22 - FSA Insured	12/14 at 100

30,080	Total Colorado	

DISTRICT OF COLUMBIA - 2.3% (1.4% OF TOTAL INVESTMENTS)

5	District of Columbia, General Obligation Bonds, Series 1993E, 6.000%, 6/01/09 - CAPMAC Insured	6/07 at 100
1,200	District of Columbia, General Obligation Refunding Bonds, Series 1993A, 6.000%, 6/01/07 - MBIA Insured	No Opt. C
145	District of Columbia, General Obligation Refunding Bonds, Series 1993A, 6.000%, 6/01/07 - MBIA Insured (ETM)	No Opt. C
4,250	District of Columbia, Hospital Revenue Refunding Bonds, Medlantic Healthcare Group, Series 1993A, 5.750%, 8/15/14 - MBIA Insured (ETM)	8/07 at 101
	District of Columbia, Revenue Bonds, Georgetown University, Series 2001A:	
9,670	0.000%, 4/01/26 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 42
15,235	0.000%, 4/01/30 (Pre-refunded 4/01/11) - MBIA Insured	4/11 at 32

30,505	Total District of Columbia	

FLORIDA - 5.7% (3.4% OF TOTAL INVESTMENTS)

5,000	Broward County School Board, Florida, Certificates of	7/13 at 100
-------	---	-------------

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

Participation, Series 2003, 5.000%, 7/01/28 - MBIA Insured

5,000 Hillsborough County Aviation Authority, Florida, Revenue Bonds, 10/13 at 100
Tampa International Airport, Series 2003A, 5.250%, 10/01/18 -
MBIA Insured (Alternative Minimum Tax)

43

Nuveen Premium Income Municipal Fund 4, Inc. (NPT) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	FLORIDA (continued)	
\$ 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)	6/07 at 100
1,380	Miami-Dade County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Sunset Bay Apartments, Series 2000-5A, 5.850%, 7/01/20 - FSA Insured (Alternative Minimum Tax)	1/11 at 102
3,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2005A, 5.000%, 10/01/37 - XLCA Insured (Alternative Minimum Tax)	10/15 at 100
2,455	South Miami Florida Health Facilities Authority, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (WI/DD, Settling 5/16/07)	8/17 at 100
9,500	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 - AMBAC Insured	10/18 at 100

31,835	Total Florida	

	GEORGIA - 2.5% (1.5% OF TOTAL INVESTMENTS)	
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 - FGIC Insured	No Opt. C
2,880	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1992B, 8.250%, 1/01/11	No Opt. C
5,500	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 - FGIC Insured (ETM)	No Opt. C

12,780	Total Georgia	

	HAWAII - 1.0% (0.6% OF TOTAL INVESTMENTS)	

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

3,720	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B, 5.000%, 10/01/13	No Opt. C
1,580	Honolulu City and County, Hawaii, General Obligation Refunding and Improvement Bonds, Series 1993B, 5.000%, 10/01/13 (ETM)	No Opt. C
5,300	Total Hawaii	

ILLINOIS - 17.6% (10.4% OF TOTAL INVESTMENTS)

4,000	Chicago Board of Education, Illinois, General Obligation Lease Certificates, Series 1992A, 6.250%, 1/01/15 - MBIA Insured	No Opt. C
17,000	Chicago Greater Metropolitan Area Sanitary District, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/35 (UB)	12/16 at 100
5,550	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.125%, 1/01/26 - FSA Insured (Alternative Minimum Tax)	1/11 at 101
5,000	Chicago, Illinois, Sales Tax Revenue Bonds, Series 1998, 5.250%, 1/01/28 - FGIC Insured	7/08 at 102
1,665	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
Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997:		
1,455	8.500%, 12/01/13 - FGIC Insured	No Opt. C
1,685	8.500%, 12/01/15 - FGIC Insured	No Opt. C
6,070	Illinois Development Finance Authority, GNMA Collateralized Mortgage Revenue Bonds, Greek American Nursing Home Committee, Series 2000A, 7.600%, 4/20/40	4/11 at 105
1,385	Illinois Finance Authority, General Obligation Debt Certificates, Local Government Program - Kankakee County, Series 2005B, 5.000%, 12/01/18 - AMBAC Insured	12/14 at 100
2,515	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Hospital, Series 2004A, 5.250%, 8/15/34	8/14 at 100
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
4,000	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002, 5.500%, 5/15/32	5/12 at 100

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
------------------------	-----------------	-----------------------

ILLINOIS (continued)

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

		Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C:	
\$	1,570	7.000%, 4/01/08	No Opt. C
	4,075	7.000%, 4/01/14	No Opt. C
	675	Illinois Housing Development Authority, Multifamily Program Bonds, Series 1994-5, 6.650%, 9/01/14	9/07 at 100
	3,410	Illinois Housing Development Authority, Section 8 Elderly Housing Revenue Bonds, Skyline Towers Apartments, Series 1992B, 6.875%, 11/01/17	5/07 at 100
	9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, School Refunding Bonds, Series 2002, 5.250%, 12/01/19 - FSA Insured	No Opt. C
		Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:	
	9,500	0.000%, 6/15/24 - MBIA Insured	6/22 at 101
	4,540	5.000%, 12/15/28 - MBIA Insured	6/12 at 101
	36,040	0.000%, 6/15/40 - MBIA Insured	No Opt. C
	3,050	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 1990A, 7.200%, 11/01/20 - AMBAC Insured	No Opt. C

	126,980	Total Illinois	

INDIANA - 9.2% (5.5% OF TOTAL INVESTMENTS)

		Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:	
	1,950	0.000%, 2/01/24	No Opt. C
	2,705	0.000%, 2/01/25	No Opt. C
	3,965	Indiana Educational Facilities Authority, Revenue Bonds, Butler University, Series 2001, 5.500%, 2/01/26 - MBIA Insured	2/11 at 100
	1,500	Indiana Educational Facilities Authority, Revenue Bonds, University of Indianapolis, Series 1999, 5.750%, 10/01/19 - FSA Insured	10/09 at 101
	22,000	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Clarian Health Obligated Group, Series 2000A, 5.500%, 2/15/30 (Pre-refunded 8/15/10) - MBIA Insured	8/10 at 101
	3,000	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 - FSA Insured	No Opt. C
	2,800	Indiana Health Facility Financing Authority, Revenue Bonds, Community Hospitals of Indiana, Series 2005A, 5.000%, 5/01/35 - AMBAC Insured	5/15 at 100
	4,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, Series 2003A, 5.000%, 6/01/23 - FSA Insured	6/13 at 100
	6,000	Indiana Transportation Finance Authority, Highway Revenue	6/13 at 100

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

Bonds, Series 2003A, 5.000%, 6/01/24 (Pre-refunded 6/01/13) - FSA Insured

420	Marion County Convention and Recreational Facilities Authority, Indiana, Excise Tax Lease Rental Revenue Bonds, Series 1997A, 5.000%, 6/01/27 - MBIA Insured	6/07 at 102
5,000	Metropolitan School District Warren Township Vision 2005 School Building Corporation, Marion County, Indiana, First Mortgage Bonds, Series 2000, 5.500%, 7/15/20 (Pre-refunded 1/15/11) - FGIC Insured	1/11 at 100

 53,340 Total Indiana

IOWA - 0.2% (0.0% 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
-------	--	-------------

 KANSAS - 1.8% (1.1% OF TOTAL INVESTMENTS)

2,000	Olathe, Kansas, Health Facilities Revenue Bonds, Olathe Medical Center, Series 2000A, 5.500%, 9/01/25 - AMBAC Insured	9/10 at 100
6,825	Sedgwick County Unified School District 259, Wichita, Kansas, General Obligation Bonds, Series 2000, 3.500%, 9/01/16	9/10 at 100

45

Nuveen Premium Income Municipal Fund 4, Inc. (NPT) (continued)
 Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	KANSAS (continued)	
\$ 1,750	Wamego, Kansas, Pollution Control Revenue Bonds, Kansas Gas and Electric Company, Series 2004, 5.300%, 6/01/31 - MBIA Insured	6/14 at 100
10,575	Total Kansas	

 LOUISIANA - 6.1% (3.6% OF TOTAL INVESTMENTS)

3,070	Jefferson Sales Tax District, Jefferson Parish, Louisiana, Special Sales Tax Revenue Refunding Bonds, Series 2002, 5.250%, 12/01/20 (Pre-refunded 12/01/12) - AMBAC Insured	12/12 at 100
1,750	Louisiana Local Government Environmental Facilities and Community Development Authority, GNMA Collateralized	6/12 at 105

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

	Mortgage Revenue Refunding Bonds, Sharlo Apartments, Series 2002A, 6.500%, 6/20/37	
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
3,280	Louisiana Public Facilities Authority, Revenue Bonds, Archdiocese of New Orleans, Series 2007, Drivers 1754, 4.500%, 7/01/37 - CIFG Insured (IF)	7/17 at 100
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006:	
12,930	4.500%, 5/01/41 - FGIC Insured (UB)	5/16 at 100
3,390	4.500%, 5/01/41 - FGIC Insured (UB)	5/16 at 100
1,485	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006, 4.750%, 5/01/39 - FSA Insured (UB)	5/16 at 100
4,195	Orleans Levee District, Louisiana, Levee District General Obligation Bonds, Series 1986, 5.950%, 11/01/14 - FSA Insured	6/07 at 101

35,250	Total Louisiana	

MARYLAND - 3.0% (1.8% OF TOTAL INVESTMENTS)

2,905	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16	7/07 at 102
2,900	Maryland Community Development Administration, Housing Revenue Bonds, Series 1997A, 6.000%, 7/01/39 (Alternative Minimum Tax)	7/07 at 102
50	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24	8/14 at 100
2,210	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 - MBIA Insured (UB)	7/16 at 100
6,800	Montgomery County Housing Opportunities Commission, Maryland, GNMA/FHA-Insured Multifamily Housing Revenue Bonds, Series 1996B, 6.400%, 7/01/28 (Alternative Minimum Tax)	7/07 at 101
2,315	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.125%, 7/01/20 (Alternative Minimum Tax)	7/10 at 100

17,180	Total Maryland	

MASSACHUSETTS - 1.7% (1.0% OF TOTAL INVESTMENTS)

3,585	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A, 5.000%, 3/01/35 - ACA Insured	3/15 at 100
-------	--	-------------

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

5,000	Massachusetts Turnpike Authority, Metropolitan Highway System Revenue Bonds, Senior Series 1997A, 5.000%, 1/01/37 - MBIA Insured	7/07 at 102
1,000	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007, Residual Trust 7039, 4.500%, 8/01/46 - FSA Insured (IF)	2/17 at 100

9,585	Total Massachusetts	

MICHIGAN - 7.0% (4.2% OF TOTAL INVESTMENTS)

6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 - MBIA Insured	7/15 at 100
8,915	Detroit, Michigan, Senior Lien Water Supply System Revenue Bonds, Series 1997A, 5.000%, 7/01/27 - MBIA Insured	7/07 at 101

46

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

MICHIGAN (continued)		
\$ 5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 - FGIC Insured	7/16 at 100
	Hancock Hospital Finance Authority, Michigan, FHA-Insured Mortgage Hospital Revenue Bonds, Portage Health System Inc., Series 1998:	
105	4.625%, 8/01/18 (Pre-refunded 8/01/07) - MBIA Insured	8/07 at 100
4,400	5.450%, 8/01/47 (Pre-refunded 8/01/08) - MBIA Insured	8/08 at 100
5,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/29 - MBIA Insured	10/13 at 100
10,500	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Detroit Medical Center Obligated Group, Series 1998A, 5.250%, 8/15/23	8/08 at 101

40,320	Total Michigan	

MINNESOTA - 1.3% (0.8% OF TOTAL INVESTMENTS)

825	Minneapolis-St. Paul Housing Finance Board, Minnesota, FNMA/GNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1997, 5.800%, 11/01/30 (Alternative Minimum Tax)	11/07 at 102
-----	---	--------------

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

3,500	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Series 2001A, 5.250%, 1/01/25 (Pre-refunded 1/01/11) - FGIC Insured	1/11 at 100
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
7,200	Total Minnesota	
MISSISSIPPI - 1.3% (0.8% OF TOTAL INVESTMENTS)		
1,875	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24	9/14 at 100
5,180	Mississippi, General Obligation Refunding Bonds, Series 2002A, 5.500%, 12/01/18	No Opt. C
7,055	Total Mississippi	
MISSOURI - 1.1% (0.6% OF TOTAL INVESTMENTS)		
1,000	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
3,000	Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series 2003, 5.125%, 5/15/24	5/13 at 100
2,000	St. Louis, Missouri, Airport Revenue Bonds, Airport Development Program, Series 2001A, 5.000%, 7/01/26 (Pre-refunded 7/01/11) - MBIA Insured	7/11 at 100
6,000	Total Missouri	
NEBRASKA - 1.6% (1.0% OF TOTAL INVESTMENTS)		
9,000	NebHelp Inc., Nebraska, Senior Subordinate Bonds, Student Loan Program, Series 1993A-5A, 6.250%, 6/01/18 - MBIA Insured (Alternative Minimum Tax)	No Opt. C
NEVADA - 4.4% (2.6% OF TOTAL INVESTMENTS)		
10,420	Clark County School District, Nevada, General Obligation Bonds, Series 2002C, 5.500%, 6/15/18 (Pre-refunded 6/15/12) - MBIA Insured	6/12 at 100
4,500	Clark County School District, Nevada, General Obligation School Improvement Bonds, Series 1991A, 7.000%, 6/01/10 - MBIA Insured	No Opt. C

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

7,000	Clark County, Nevada, Motor Vehicle Fuel Tax Highway Improvement Revenue Bonds, Series 2003, 5.000%, 7/01/23 - AMBAC Insured	7/13 at 100
5,425	Director of Nevada State Department of Business and Industry, Revenue Bonds, Las Vegas Monorail Project, First Tier, Series 2000, 0.000%, 1/01/25 - AMBAC Insured	No Opt. C
27,345	Total Nevada	

NEW JERSEY - 4.7% (2.8% OF TOTAL INVESTMENTS)

1,100	New Jersey Health Care Facilities Financing Authority, Revenue Bonds, Trinitas Hospital Obligated Group, Series 2000, 7.500%, 7/01/30	7/10 at 101
-------	---	-------------

47

Nuveen Premium Income Municipal Fund 4, Inc. (NPT) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
NEW JERSEY (continued)		
\$ 880	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 - MBIA Insured	No Opt. C
300	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C: 6.500%, 1/01/16 - MBIA Insured (ETM)	No Opt. C
2,345	6.500%, 1/01/16 - MBIA Insured (ETM)	No Opt. C
11,960	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
3,995	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
5,000	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.750%, 6/01/34	6/17 at 100
25,580	Total New Jersey	

NEW YORK - 12.0% (7.1% 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
-----	---	-------------

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

	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Education, Series 2006C:	
1,510	5.000%, 12/15/31 (UB)	12/16 at 100
3,330	5.000%, 12/15/35 (UB)	12/16 at 100
3,030	5.000%, 12/15/35 (UB)	12/16 at 100
1,200	Hempstead Industrial Development Agency, New York, Resource Recovery Revenue Refunding Bonds, American Ref-Fuel Company of Hempstead LP, Series 2001, 5.000%, 12/01/10 (Mandatory put 6/01/10)	12/10 at 100
4,070	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, 2006A, 4.500%, 2/15/47 - MBIA Insured (UB)	2/17 at 100
3,300	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2006F, 4.250%, 5/01/33 - MBIA Insured (UB)	11/16 at 100
6,740	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 1998C, 5.000%, 5/01/26	5/08 at 101
	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 1998C:	
35	5.000%, 5/01/26 (Pre-refunded 5/01/08)	5/08 at 101
8,790	5.000%, 5/01/26 (Pre-refunded 5/01/08)	5/08 at 101
	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2000C:	
3,630	5.875%, 11/01/16 (Pre-refunded 5/01/10)	5/10 at 101
220	5.875%, 11/01/16 (Pre-refunded 5/01/10)	5/10 at 101
5,000	5.500%, 11/01/24 (Pre-refunded 5/01/10)	5/10 at 101
990	New York State Medical Care Facilities Finance Agency, FHA-Insured Mortgage Revenue Bonds, Hospital and Nursing Home Projects, Series 1992B, 6.200%, 8/15/22	8/07 at 100
	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1:	
10,800	5.500%, 6/01/16	6/10 at 100
2,500	5.500%, 6/01/18	6/12 at 100
4,645	New York State Urban Development Corporation, Service Contract Revenue Bonds, Correctional and Youth Facilities, Series 2002A, 5.500%, 1/01/17 (Mandatory put 1/01/11)	1/17 at 100
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 - MBIA Insured (Alternative Minimum Tax)	No Opt. C
66,895	Total New York	
	NORTH CAROLINA - 2.6% (1.6% OF TOTAL INVESTMENTS)	
2,445	North Carolina Infrastructure Finance Corporation, Certificates of Participation, Correctional Facilities, Series 2004A, 5.000%, 2/01/21	2/14 at 100

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

48

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
NORTH CAROLINA (continued)		
\$ 2,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 1992, 6.000%, 1/01/11 - MBIA Insured	No Opt. C
10,000	North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.250%, 1/01/18 - MBIA Insured	1/13 at 100
14,445	Total North Carolina	
OHIO - 2.3% (1.4% OF TOTAL INVESTMENTS)		
8,065	Cleveland, Ohio, Airport System Revenue Bonds, Series 2001A, 5.000%, 1/01/31 - FSA Insured	1/10 at 101
935	Cleveland, Ohio, Airport System Revenue Bonds, Series 2001A, 5.000%, 1/01/31 (Pre-refunded 1/01/10) - FSA Insured	1/10 at 101
3,000	Franklin County, Ohio, Development Revenue Bonds, American Chemical Society, Series 1999, 5.800%, 10/01/14	10/09 at 101
1,000	Franklin County, Ohio, FHA-Insured Multifamily Housing Mortgage Revenue Bonds, Hamilton Creek Apartments Project, Series 1994A, 5.550%, 7/01/24 (Alternative Minimum Tax)	7/07 at 101
13,000	Total Ohio	
OKLAHOMA - 0.7% (0.3% OF TOTAL INVESTMENTS)		
310	Oklahoma Housing Finance Agency, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 2000C-2, 6.200%, 9/01/28 (Alternative Minimum Tax)	3/10 at 101
3,340	Tulsa Industrial Authority, Oklahoma, Hospital Revenue Refunding Bonds, Hillcrest Medical Center, Series 1996, 6.500%, 6/01/09 - CONNIE LEE/AMBA Insured (ETM)	No Opt. C
3,650	Total Oklahoma	
PENNSYLVANIA - 2.1% (1.2% OF TOTAL INVESTMENTS)		
500	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School,	3/17 at 100

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

Series 2007A, 5.000%, 3/15/37

3,500	Pennsylvania Economic Development Financing Authority, Senior Lien Resource Recovery Revenue Bonds, Northampton Generating Project, Series 1994A, 6.400%, 1/01/09 (Alternative Minimum Tax)	7/07 at 100
5,485	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 - FSA Insured (UB)	12/16 at 100
2,600	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2004A, 5.500%, 12/01/31 - AMBAC Insured	12/14 at 100

12,085 Total Pennsylvania

PUERTO RICO - 2.4% (1.4% OF TOTAL INVESTMENTS)

12,390	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1997, 6.500%, 7/01/13 - MBIA Insured	No Opt. C
--------	--	-----------

RHODE ISLAND - 3.7% (2.2% OF TOTAL INVESTMENTS)

20,000	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.250%, 6/01/42	6/12 at 100
--------	---	-------------

SOUTH CAROLINA - 4.2% (2.5% OF TOTAL INVESTMENTS)

4,120	Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 2/15/23 - MBIA Insured	8/14 at 100
3,000	Myrtle Beach, South Carolina, Hospitality and Accommodation Fee Revenue Bonds, Series 2004A, 5.000%, 6/01/36 - FGIC Insured	6/14 at 100
	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991:	
5,000	6.250%, 1/01/21 - FGIC Insured	No Opt. C
5,750	4.000%, 1/01/23 - MBIA Insured	7/07 at 100
5,085	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1998A, 5.500%, 1/01/13 - MBIA Insured	No Opt. C

22,955 Total South Carolina

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

Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
SOUTH DAKOTA - 0.3% (0.1% 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
TENNESSEE - 0.5% (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
1,500	Metropolitan Government of Nashville-Davidson County, Tennessee, Electric System Revenue Bonds, Series 1998A, 5.200%, 5/15/23	5/08 at 102
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
7,255	Total Tennessee	
TEXAS - 17.8% (10.6% 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)	12/12 at 100
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
4,000	Central Texas Regional Mobility Authority, Travis and Williamson Counties, Toll Road Revenue Bonds, Series 2005, 5.000%, 1/01/35 - FGIC Insured	1/15 at 100
3,345	Columbia-Brazoria Independent School District, Texas, Unlimited Tax School Building Bonds, Series 1999, 4.750%, 2/01/25	2/09 at 100
2,250	Dallas-Ft. Worth International Airport, Texas, Joint Revenue Bonds, Series 2004B, 5.000%, 11/01/27 - FSA Insured (Alternative Minimum Tax)	11/14 at 100
8,000	Dallas-Ft. Worth International Airport, Texas, Joint Revenue Refunding and Improvement Bonds, Series 2001A, 5.875%, 11/01/19 - FGIC Insured (Alternative Minimum Tax)	11/11 at 100
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	12/11 at 101
7,000	Harris County Health Facilities Development Corporation,	11/13 at 100

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

	Texas, Thermal Utility Revenue Bonds, TECO Project, Series 2003, 5.000%, 11/15/30 - MBIA Insured	
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. C
7,500	Houston, Texas, Junior Lien Water and Sewerage System Revenue Refunding Bonds, Series 2002A, 5.750%, 12/01/32 - FSA Insured (ETM)	No Opt. C
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
125	Midland Housing Finance Corporation, Texas, Single Family Mortgage Revenue Refunding Bonds, Series 1992A, 8.450%, 12/01/11	5/07 at 102
	Montgomery Independent School District, Montgomery County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001:	
730	5.500%, 2/15/21	2/11 at 100
760	5.500%, 2/15/23	2/11 at 100
	Montgomery Independent School District, Montgomery County, Texas, Unlimited Tax School Building and Refunding Bonds, Series 2001:	
1,570	5.500%, 2/15/21 (Pre-refunded 2/15/11)	2/11 at 100
1,640	5.500%, 2/15/23 (Pre-refunded 2/15/11)	2/11 at 100
	Mt. Pleasant Independent School District, Titus County, Texas, General Obligation Refunding Bonds, Series 2001:	
3,025	5.000%, 2/15/26	8/11 at 100
2,300	5.125%, 2/15/31	8/11 at 100
700	Mt. Pleasant Independent School District, Titus County, Texas, General Obligation Refunding Bonds, Series 2001, 5.125%, 2/15/31 (Pre-refunded 8/15/11)	8/11 at 100
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) - MBIA Insured	8/12 at 100

50

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	TEXAS (continued)	
\$ 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) (5)	12/12 at 100
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

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

4,700	Spring Branch Independent School District, Harris County, Texas, Limited Tax Schoolhouse and Refunding Bonds, Series 2001, 5.125%, 2/01/26 (Pre-refunded 2/01/11)	2/11 at 100
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)	5/07 at 100

143,605	Total Texas	

UTAH - 4.2% (2.5% OF TOTAL INVESTMENTS)

4,845	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community Hospital Project, Series 1998, 5.750%, 12/15/18	12/08 at 101
5,065	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14 (ETM)	7/07 at 101
40	Intermountain Power Agency, Utah, Power Supply Revenue Bonds, Series 1996A, 6.150%, 7/01/14	7/08 at 100
11,750	Intermountain Power Agency, Utah, Power Supply Revenue Refunding Bonds, Series 1997B, 5.750%, 7/01/19 - MBIA Insured	7/07 at 102
525	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	7/10 at 100
	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C:	
1,630	5.500%, 1/01/18 (Alternative Minimum Tax)	1/11 at 100
515	5.650%, 1/01/21 (Alternative Minimum Tax)	1/11 at 100

24,370	Total Utah	

VIRGINIA - 1.4% (0.9% OF TOTAL INVESTMENTS)

8,190	Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.000%, 1/15/35 - AMBAC Insured	1/13 at 100

WASHINGTON - 10.0% (5.9% OF TOTAL INVESTMENTS)

1,855	Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 1999A, 6.200%, 7/01/34 (Alternative Minimum Tax)	7/09 at 101
2,500	Energy Northwest, Washington, Electric Revenue Refunding Bonds, Columbia Generating Station - Nuclear Project 2, Series 2002C, 5.750%, 7/01/17 - MBIA Insured	7/12 at 100
1,655	Everett, Washington, Limited Tax General Obligation Bonds, Series 1997, 5.125%, 9/01/17 - FSA Insured	9/07 at 100

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

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
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
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. C
8,155	Tacoma, Washington, Electric System Revenue Refunding Bonds, Series 2001A, 5.750%, 1/01/20 (Pre-refunded 1/01/11) - FSA Insured	1/11 at 101
4,705	Tacoma, Washington, Sewerage Revenue Refunding Bonds, Series 1994B, 8.000%, 12/01/08 - FGIC Insured	No Opt. C
11,000	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1993B, 7.000%, 7/01/09	No Opt. C
4,700	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1998A, 5.125%, 7/01/18	7/08 at 102
1,000	Washington State Healthcare Facilities Authority, Revenue Bonds, Harrison Memorial Hospital, Series 1998, 5.000%, 8/15/28 - AMBAC Insured	8/13 at 102
2,000	Washington State Healthcare Facilities Authority, Revenue Bonds, Highline Community Hospital, Series 1998, 5.000%, 8/15/21 - RAAI Insured	8/08 at 102

51

Nuveen Premium Income Municipal Fund 4, Inc. (NPT) (continued)
Portfolio of INVESTMENTS April 30, 2007 (Unaudited)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	WASHINGTON (continued)	
\$ 5,500	Washington State Healthcare Facilities Authority, Revenue Bonds, Swedish Health Services, Series 1998, 5.500%, 11/15/14 - AMBAC Insured	11/08 at 101
4,620	Washington State Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2002, 6.500%, 6/01/26	6/13 at 100

55,190	Total Washington	

	WISCONSIN - 2.3% (1.4% OF TOTAL INVESTMENTS)	
500	Wisconsin Health and Educational Facilities Authority, Revenue	12/08 at 100

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

	Bonds, Medical College of Wisconsin Inc., Series 1996, 5.500%, 12/01/26 - MBIA Insured	
7,500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Ministry Healthcare Inc., Series 2002A, 5.250%, 2/15/32 - MBIA Insured	2/12 at 101
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 - FGIC Insured	5/16 at 100

13,000	Total Wisconsin	

\$ 1,067,019	Total Investments (cost \$938,913,132) - 168.6%	

	Floating Rate Obligations - (13.0)%	

	Other Assets Less Liabilities - 2.0%	

	Preferred Shares, at Liquidation Value - (57.6)%	

	Net Assets Applicable to Common Shares - 100%	
=====		

- (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 higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (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. Such investments are normally considered to be equivalent to AAA rated securities.
 - (5) The Issuer has received a formal adverse determination from the Internal Revenue Service (the "IRS") regarding the tax-exempt status of the bonds' coupon payments. The Fund will continue to treat coupon payments as tax-exempt income until such time that it is formally determined that the interest on the bonds should be treated as taxable.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction pursuant to the provisions of SFAS No. 140.

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

(IF) Inverse floating rate investment.

See accompanying notes to financial statements.

52

Statement of
ASSETS AND LIABILITIES April 30, 2007 (Unaudited)

	PREMIUM INCOME (NPI)
<hr/>	
ASSETS	
Investments, at value (cost \$1,512,468,596, \$984,220,786 and \$938,913,132, respectively)	\$1,587,716,040
Cash	1,907,546
Receivables:	
Interest	23,057,355
Investments sold	405,621
Unrealized appreciation on forward swaps	457,762
Other assets	154,016
<hr/>	
Total assets	1,613,698,340
<hr/>	
LIABILITIES	
Cash overdraft	--
Floating rate obligations	104,509,000
Payables:	
Investments purchased	13,170,785
Variation margin on futures contracts	--
Accrued expenses:	
Management fees	733,743
Other	373,185
Preferred share dividends payable	258,962
<hr/>	
Total liabilities	119,045,675
<hr/>	
Preferred shares, at liquidation value	525,000,000
<hr/>	
Net assets applicable to Common shares	\$ 969,652,665
<hr/>	
Common shares outstanding	63,785,430
<hr/>	
Net asset value per Common share outstanding (net assets applicable to Common shares, divided by Common shares outstanding)	\$ 15.20
<hr/>	
NET ASSETS APPLICABLE TO COMMON SHARES CONSIST OF:	
<hr/>	
Common shares, \$.01 par value per share	\$ 637,854
Paid-in surplus	901,326,509
Undistributed (Over-distribution of) net investment income	3,081,195
Accumulated net realized gain (loss) from investments and derivative transactions	(11,098,099)
Net unrealized appreciation (depreciation) of investments and derivative transactions	75,705,206
<hr/>	
Net assets applicable to Common shares	\$ 969,652,665

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

Authorized shares:	
Common	200,000,000
Preferred	1,000,000

See accompanying notes to financial statements.

53

Statement of
OPERATIONS Six Months Ended April 30, 2007 (Unaudited)

	PREMIUM INCOME (NPI)
INVESTMENT INCOME	\$38,783,226
EXPENSES	
Management fees	4,458,584
Preferred shares - auction fees	650,856
Preferred shares - dividend disbursing agent fees	29,753
Shareholders' servicing agent fees and expenses	70,296
Floating rate obligations interest expense and fees	1,810,280
Custodian's fees and expenses	131,228
Directors' fees and expenses	15,459
Professional fees	14,640
Shareholders' reports - printing and mailing expenses	65,839
Stock exchange listing fees	11,411
Investor relations expense	93,934
Other expenses	38,596
Total expenses before custodian fee credit and legal fee refund	7,390,876
Custodian fee credit	(99,203)
Legal fee refund	--
Net expenses	7,291,673
Net investment income	31,491,553
REALIZED AND UNREALIZED GAIN (LOSS)	
Net realized gain (loss) from investments	468,252
Net realized gain (loss) from futures	--
Change in net unrealized appreciation (depreciation) of investments	(8,723,160)
Change in net unrealized appreciation (depreciation) of forward swaps	457,762
Change in net unrealized appreciation (depreciation) of futures	--
Net realized and unrealized gain (loss)	(7,797,146)
DISTRIBUTIONS TO PREFERRED SHAREHOLDERS	
From net investment income	(9,062,557)
From accumulated net realized gains	--
Decrease in net assets applicable to Common shares from distributions to Preferred shareholders	(9,062,557)
Net increase (decrease) in net assets applicable to Common shares from operations	\$14,631,850

See accompanying notes to financial statements.

54

Statement of
CHANGES IN NET ASSETS (Unaudited)

	PREMIUM INCOME (NPI)		PREMIUM INCOME 2 (NPM)	
	SIX MONTHS ENDED 4/30/07	YEAR ENDED 10/31/06	SIX MONTHS ENDED 4/30/07	YEAR ENDED 10/31/06
OPERATIONS				
Net investment income	\$ 31,491,553	\$ 63,713,302	\$ 20,049,162	\$ 39,883,920
Net realized gain (loss) from investments	468,252	(4,641,502)	593,341	941,220
Net realized gain (loss) from futures	--	--	548,314	--
Change in net unrealized appreciation (depreciation) of investments	(8,723,160)	35,531,581	(5,162,403)	19,612,630
Change in net unrealized appreciation (depreciation) of forward swaps	457,762	--	--	--
Change in net unrealized appreciation (depreciation) of futures	--	--	(42,601)	--
Distributions to Preferred Shareholders:				
From net investment income	(9,062,557)	(16,526,117)	(5,822,352)	(10,401,250)
From accumulated net realized gains	--	--	(242,538)	(492,500)
Net increase (decrease) in net assets applicable to Common shares from operations	14,631,850	78,077,264	9,920,923	49,544,020
DISTRIBUTIONS TO COMMON SHAREHOLDERS				
From net investment income	(22,580,046)	(47,922,007)	(14,177,319)	(31,337,840)
From accumulated net realized gains	--	--	(706,808)	(2,506,890)
Decrease in net assets applicable to Common shares from distributions to Common shareholders	(22,580,046)	(47,922,007)	(14,884,127)	(33,844,740)
Net increase (decrease) in net assets applicable to Common shares	(7,948,196)	30,155,257	(4,963,204)	15,699,280
Net assets applicable to Common shares at the beginning of period	977,600,861	947,445,604	634,981,020	619,281,740
Net assets applicable to Common shares at the end of period	\$969,652,665	\$977,600,861	\$630,017,816	\$634,981,020
Undistributed (Over-distribution of) net investment income at the				

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

1. GENERAL INFORMATION AND SIGNIFICANT ACCOUNTING POLICIES

The funds (the "Funds") covered in this report and their corresponding Common share New York Stock Exchange 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). The Funds are registered under the Investment Company Act of 1940, as amended, as closed-end, diversified management investment companies.

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

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.

Investment Valuation

The prices of municipal bonds in each Fund's investment portfolio are provided by a pricing service approved by the Fund's Board of Directors. When market price quotes are not readily available (which is usually the case for municipal securities), the pricing service may establish fair value based on yields or prices of municipal bonds of comparable quality, type of issue, coupon, maturity and rating, indications of value from securities dealers, evaluations of anticipated cash flows or collateral and general market conditions. Prices of forward swap contracts are also provided by an independent pricing service approved by each Fund's Board of Directors. Futures contracts are valued using the closing settlement price, or, in the absence of such a price, at the mean of the bid and asked prices. If the pricing service is unable to supply a price for a municipal bond, forward swap contract or futures contract, each Fund may use a market price or fair market value quote provided by a major broker/dealer in such investments. If it is determined that the market price or fair market value for an investment is unavailable or inappropriate, the Board of Directors of the Funds, or its designee, may establish a fair value for the investment. Temporary investments in securities that have variable rate and demand features qualifying them as short-term investments are valued at amortized cost, which approximates market value.

Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from transactions are determined on the specific identification method. 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, 2007, Premium Income (NPI), Premium Income 2 (NPM) and Premium Income 4 (NPT) had outstanding when-issued/delayed delivery purchase commitments of \$13,170,785, \$5,080,789 and \$3,538,414, respectively.

Investment Income

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

Professional Fees

Professional fees presented in the Statement of Operations consist of legal fees incurred in the normal course of operations, audit fees, tax consulting fees

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

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 on the Statement of Operations for Premium Income 4 (NPT) reflects a refund of workout expenditures paid in prior reporting period.

Federal Income Taxes

Each Fund is a separate taxpayer for federal income tax purposes. Each Fund intends to distribute substantially all 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. Therefore, no federal income tax provision is required. Furthermore, each Fund intends to satisfy conditions which will enable interest from municipal securities, which is exempt from regular federal income tax, 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.

Dividends and Distributions to Common Shareholders

Dividends from tax-exempt net investment income are declared monthly. Net realized capital gains and/or market discount from investment transactions, if any, are distributed to shareholders not less frequently than annually. Furthermore, capital gains are distributed only to the extent they exceed available capital loss carryforwards.

57

Notes to

FINANCIAL STATEMENTS (Unaudited) (continued)

Distributions to Common shareholders of tax-exempt 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. generally accepted accounting principles.

Preferred Shares

The Funds have issued and outstanding Preferred shares, \$25,000 stated value per share, as a means of effecting financial leverage. Each Fund's Preferred shares are issued in more than one Series. The dividend rate paid by the Funds on each Series is determined every seven days, pursuant to a dutch auction process overseen by the auction agent, and is payable at the end of each rate period. The number of Preferred shares outstanding, by Series and in total, for each Fund is as follows:

	PREMIUM INCOME (NPI)	PREMIUM INCOME 2 (NPM)	PREMIUM INCOME 4 (NPT)
Number of shares:			
Series M	3,800	2,000	2,200
Series M2	2,000	--	--
Series T	3,800	3,000	2,000
Series T2	--	--	1,328
Series W	3,800	2,000	1,680
Series W2	--	--	520

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

Series TH	3,800	3,000	2,680
Series F	3,800	2,000	1,800
Series F2	--	1,880	1,328

Total	21,000	13,880	13,536
=====			

Inverse Floating Rate Securities

Each Fund may 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"). An investment in an externally-deposited inverse floater is identified in the Portfolio of Investments as an "Inverse floating rate investment". An investment in a self-deposited inverse floater is accounted for as a financing transaction in accordance with Statement of Financial Accounting Standards (SFAS) No. 140 "Accounting for Transfers and Servicing of Financial Assets and Extinguishment of Liabilities". In such instances, a fixed-rate bond deposited into a special purpose trust is identified in the Portfolio of Investments as an "Underlying bond of an inverse floating rate trust", 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 accounts for the related interest paid to the holders of the short term floating rate certificates as "Floating rate obligations interest expense and fees" in the Statement of Operations.

58

During the six months ended April 30, 2007, each Fund invested in externally deposited inverse floaters and/or self-deposited inverse floaters.

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, 2007, were as follows:

PREMIUM PREMIUM PREMIUM

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

	INCOME (NPI)	INCOME 2 (NPM)	INCOME 4 (NPT)
Average floating rate obligations	\$94,491,099	\$60,679,669	\$67,462,807
Average annual interest rate and fees	3.86%	3.87%	3.86%

Forward Swap Transactions

The Funds are authorized to invest in certain derivative financial instruments. Each Fund's use of forward interest rate swap transactions is intended to help the Fund manage its overall interest rate sensitivity, either shorter or longer, generally to more closely align the Fund's interest rate sensitivity with that of the broader municipal market. Forward interest rate swap transactions involve each Fund's agreement with a counterparty to pay, in the future, a fixed or variable rate payment in exchange for the counterparty paying the Fund a variable or fixed rate payment, the accruals for which would begin at a specified date in the future (the "effective date"). The amount of the payment obligation is based on the notional amount of the forward swap contract and the termination date of the swap (which is akin to a bond's maturity). The value of the Fund's swap commitment would increase or decrease based primarily on the extent to which long-term interest rates for bonds having a maturity of the swap's termination date increases or decreases. The Funds may terminate a swap contract prior to the effective date, at which point a realized gain or loss is recognized. When a forward swap is terminated, it ordinarily does not involve the delivery of securities or other underlying assets or principal, but rather is settled in cash on a net basis. Each Fund intends, but is not obligated, to terminate its forward swaps before the effective date. Accordingly, the risk of loss with respect to the swap counterparty on such transactions is limited to the credit risk associated with a counterparty failing to honor its commitment to pay any realized gain to the Fund upon termination. To reduce such credit risk, all counterparties are required to pledge collateral daily (based on the daily valuation of each swap) on behalf of each Fund with a value approximately equal to the amount of any unrealized gain above a pre-determined threshold. Reciprocally, when any of the Funds have an unrealized loss on a swap contract, 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 swap valuations fluctuate, either up or down, by at least the predetermined threshold amount.

Futures Contracts

The Funds are authorized to invest in futures contracts. Upon entering into a futures contract, a Fund is required to deposit with the broker an amount of cash or liquid securities equal to a specified percentage of the contract amount. This is known as the "initial margin." Subsequent payments ("variation margin") are made or received by a Fund each day, depending on the daily fluctuation of the value of the contract.

During the period the futures contract is open, changes in the value of the contract are recognized as an unrealized gain or loss by "marking-to-market" on a daily basis to reflect the changes in market value of the contract. When the contract is closed or expired, a Fund records a realized gain or loss equal to the difference between the value of the contract on the closing date and value of the contract when originally entered into. Cash held by the broker to cover initial margin requirements on open futures contracts, if any, is noted in the Statement of Assets and Liabilities. Additionally, the Statement of Assets and Liabilities reflects a receivable or payable for the variation margin when applicable.

Risks of investments in futures contracts include the possible adverse movement

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

of the securities or indices underlying the contracts, the possibility that there may not be a liquid secondary market for the contracts and/or that a change in the value of the contract may not correlate with a change in the value of the underlying securities or indices.

Custodian Fee Credit

Each Fund has an arrangement with the custodian bank whereby certain custodian fees and expenses are reduced by credits earned on each Fund's cash on deposit with the bank. Such deposit arrangements are an alternative to overnight investments.

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. generally accepted accounting principles 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.

59

Notes to

FINANCIAL STATEMENTS (Unaudited) (continued)

2. FUND SHARES

None of the Funds engaged in transactions in their own shares during the six months ended April 30, 2007, nor during the fiscal year ended October 31, 2006.

3. INVESTMENT TRANSACTIONS

Purchases and sales (including maturities but excluding short-term investments and derivative transactions) during the six months ended April 30, 2007, were as follows:

	PREMIUM INCOME (NPI)	PREMIUM INCOME 2 (NPM)	PREMIUM INCOME 4 (NPT)
Purchases	\$193,672,555	\$113,736,925	\$112,635,139
Sales and maturities	74,068,332	49,300,566	67,210,005
=====			

4. INCOME TAX INFORMATION

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

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 the treatment of paydown gains and losses, 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 transactions subject to SFAS No. 140. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset values of the Funds.

At April 30, 2007, the cost of investments was as follows:

	PREMIUM INCOME (NPI)	PREMIUM INCOME 2 (NPM)	PREMIUM INCOME 4 (NPT)
Cost of investments	\$1,406,689,381	\$908,970,486	\$862,278,189

Gross unrealized appreciation and gross unrealized depreciation of investments at April 30, 2007, were as follows:

	PREMIUM INCOME (NPI)	PREMIUM INCOME 2 (NPM)	PREMIUM INCOME 4 (NPT)
Gross unrealized:			
Appreciation	\$77,727,123	\$58,050,164	\$52,653,514
Depreciation	(1,238,424)	(540,087)	(1,062,696)
Net unrealized appreciation (depreciation) of investments	\$76,488,699	\$57,510,077	\$51,590,818

60

The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains at October 31, 2006, 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 *	\$5,987,415	\$2,669,892	\$2,199,795
Undistributed net ordinary income **	46,762	--	5,337
Undistributed net long-term capital gains	--	945,566	--

* Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on October 2, 2006, paid on November 1, 2006.

** 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, 2006, was designated for purposes of the dividends paid deduction as follows:

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

	PREMIUM INCOME (NPI)	PREMIUM INCOME 2 (NPM)	PREMIUM INCOME 4 (NPT)
Distributions from net tax-exempt income	\$64,988,153	\$42,229,150	\$40,998,508
Distributions from net ordinary income **	99,455	27,952	--
Distributions from net long-term capital gains	--	3,000,248	--

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

At October 31, 2006, the Funds' last tax year end, the following 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:

Expiration year:	PREMIUM INCOME (NPI)	PREMIUM INCOME 4 (NPT)
2008	\$ --	\$ 2,151,015
2009	--	--
2010	695,347	18,079,555
2011	6,263,502	24,792,603
2012	--	--
2013	--	6,161,830
2014	4,614,516	806,337
Total	\$11,573,365	\$51,991,340

5. MANAGEMENT FEES AND OTHER TRANSACTIONS WITH AFFILIATES

Each Fund's management fee is separated into two components - a complex-level component, based on the aggregate amount of all fund assets managed by Nuveen Asset Management (the "Adviser"), a wholly owned subsidiary of Nuveen Investments, Inc. ("Nuveen"), and a specific fund-level component, based only on the amount of assets within each individual fund. This pricing structure enables Nuveen fund shareholders to benefit from growth in the assets within each individual fund as well as from growth in the amount of complex-wide assets managed by the Adviser.

The annual fund-level fee, payable monthly, for each Fund is based upon the average daily net assets (including net assets attributable to Preferred shares) of each Fund as follows:

AVERAGE DAILY NET ASSETS (INCLUDING NET ASSETS ATTRIBUTABLE TO PREFERRED SHARES)	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 net assets over \$5 billion	.3750

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

The annual complex-level fee, payable monthly, which is additive to the fund-level fee, for all Nuveen sponsored funds in the U.S., is based on the aggregate amount of total fund assets managed as stated in the table below. As of April 30, 2007, the complex-level fee rate was .1824%.

61

Notes to
FINANCIAL STATEMENTS (Unaudited) (continued)

COMPLEX-LEVEL ASSETS(1)	COMPLEX-LEVEL FEE RATE
For the first \$55 billion	.2000%
For the next \$1 billion	.1800
For the next \$1 billion	.1600
For the next \$3 billion	.1425
For the next \$3 billion	.1325
For the next \$3 billion	.1250
For the next \$5 billion	.1200
For the next \$5 billion	.1175
For the next \$15 billion	.1150
For Managed Assets over \$91 billion(2)	.1400

(1) The complex-level fee component of the management fee for the funds is calculated based upon the aggregate Managed Assets ("Managed Assets" means the average daily net assets of each fund including assets attributable to preferred stock issued by or borrowings by the Nuveen funds) of Nuveen-sponsored funds in the U.S.

(2) With respect to the complex-wide Managed Assets over \$91 billion, the fee rate or rates that will apply to such assets will be determined at a later date. In the unlikely event that complex-wide Managed Assets reach \$91 billion prior to a determination of the complex-level fee rate or rates to be applied to Managed Assets in excess of \$91 billion, the complex-level fee rate for such complex-wide Managed Assets shall be .1400% until such time as a different rate or rates is determined.

The management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. 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.

6. NEW ACCOUNTING PRONOUNCEMENTS

Financial Accounting Standards Board Interpretation No. 48

On July 13, 2006, the Financial Accounting Standards Board (FASB) released FASB Interpretation No. 48, "Accounting for Uncertainty in Income Taxes" (FIN 48). FIN 48 provides guidance for how uncertain tax positions should be recognized, measured, presented and disclosed in the financial statements. FIN 48 requires the evaluation of tax positions taken or expected to be taken in the course of preparing the Funds' tax returns to determine whether the tax positions are

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

"more-likely-than-not" of being sustained by the applicable tax authority. Tax positions not deemed to meet the more-likely-than-not threshold would be recorded as a tax benefit or expense in the current year. Adoption of FIN 48 is required for fiscal years beginning after December 15, 2006, and is to be applied to all open tax years as of the effective date. Recent SEC guidance allows funds to delay implementing FIN 48 into NAV calculations until the fund's last NAV calculation in the first required financial statement reporting period. As a result, the Funds must begin to incorporate FIN 48 into their NAV calculations by October 31, 2007. At this time, management is continuing to evaluate the implications of FIN 48 and does not expect the adoption of FIN 48 will have a significant impact on the net assets or results of operations of the Funds.

Financial Accounting Standards Board Statement of Financial Accounting Standards No. 157

In September 2006, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No.157, "Fair Value Measurements." This standard establishes a single authoritative definition of fair value, sets out a framework for measuring fair value and requires additional disclosures about fair value measurements. SFAS No. 157 applies to fair value measurements already required or permitted by existing standards. SFAS No. 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007, and interim periods within those fiscal years. The changes to current generally accepted accounting principles from the application of this standard relate to the definition of fair value, the methods used to measure fair value, and the expanded disclosures about fair value measurements. As of April 30, 2007, the Funds do not believe the adoption of SFAS No. 157 will impact the financial statement amounts; however, additional disclosures may be required about the inputs used to develop the measurements and the effect of certain of the measurements included within the Statement of Operations for the period.

7. SUBSEQUENT EVENTS

Distributions to Common Shareholders

The Funds declared Common share dividend distributions from their tax-exempt net investment income which were paid on June 1, 2007, to shareholders of record on May 15, 2007, as follows:

	PREMIUM INCOME (NPI)	PREMIUM INCOME 2 (NPM)	PREMIUM INCOME 4 (NPT)
----- Dividend per share =====	\$.0590	\$.0575	\$.0545

Agreement and Plan of Merger

On June 20, 2007, Nuveen Investments announced that it had entered into a definitive Agreement and Plan of Merger ("Merger Agreement") with an investor group majority-led by Madison Dearborn Partners, LLC. Madison Dearborn Partners, LLC is a private equity investment firm based in Chicago, Illinois. The investor group includes affiliates of Merrill Lynch, Wachovia, Citigroup, Deutsche Bank

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

and Morgan Stanley. It is anticipated that Merrill Lynch and its affiliates will be indirect "affiliated persons" (as that term is defined in the Investment Company Act of 1940) of the Funds. Under the terms of the merger, each outstanding share of Nuveen Investments' common stock (other than dissenting shares) will be converted into the right to receive a specified amount of cash, without interest. The merger is expected to be completed by the end of the year, subject to customary conditions, including obtaining the approval of Nuveen Investments shareholders, obtaining necessary fund and client consents sufficient to satisfy the terms of the Merger Agreement, and expiration of certain regulatory waiting periods. The obligations of Madison Dearborn Partners, LLC to consummate the merger are not conditioned on its obtaining financing. The Merger Agreement includes a "go shop" provision through July 19, 2007 during which Nuveen Investments may actively solicit and negotiate competing takeover proposals.

The consummation of the merger will be deemed to be an "assignment" (as defined in the 1940 Act) of the investment management agreement between each Fund and the Adviser, and will result in the automatic termination of each Fund's agreement. Prior to the consummation of the merger, it is anticipated that the Board of Directors of each Fund will consider a new investment management agreement with the Adviser. If approved by the Board, the new agreement would be presented to the Fund's shareholders for approval, and, if so approved by shareholders, would take effect upon consummation of the merger. There can be no assurance that the merger described above will be consummated as contemplated or that necessary shareholder approvals will be obtained.

63

Financial
HIGHLIGHTS (Unaudited)

Selected data for a Common share outstanding throughout each period:

	Investment Operations						Total
	Beginning Common Share Net Asset Value	Net Investment Income	Net Realized/ Unrealized Gain (Loss)	Distributions from Net Investment Income to Preferred Share- holders+	Distributions from Capital Gains to Preferred Share- holders+		
PREMIUM INCOME (NPI)							

Year Ended 10/31:							
2007 (b)	\$15.33	\$.49	\$ (.13)	\$ (.14)	\$ --		\$.22
2006	14.85	1.00	.49	(.26)	--		1.23
2005	15.20	.98	(.26)	(.16)	--		.56
2004	14.87	1.01	.36	(.08)	--		1.29
2003	14.87	1.05	(.03)	(.07)	--		.95
2002	15.27	1.10	(.48)	(.11)	--		.51
PREMIUM INCOME 2 (NPM)							

Year Ended 10/31:							
2007 (b)	15.45	.49	(.09)	(.14)	(.01)		.25
2006	15.07	.97	.49	(.25)	(.01)		1.20

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

2005	15.53	.98	(.24)	(.16)	(.01)	.57
2004	15.09	1.02	.48	(.08)	--	1.42
2003	15.27	1.08	(.10)	(.07)	(.01)	.90
2002	15.53	1.17	(.30)	(.11)	(.01)	.75

Total Returns

Ending Common Share Net Asset Value	Ending Market Value	Based on Market Value**	Based on Common Share Net Asset Value**
---	---------------------------	----------------------------------	--

PREMIUM INCOME (NPI)

Year Ended 10/31:

2007 (b)	\$15.20	\$14.31	3.79%	1.47%
2006	15.33	14.13	7.52	8.53
2005	14.85	13.87	3.37	3.71
2004	15.20	14.30	8.82	9.00
2003	14.87	14.06	6.48	6.58
2002	14.87	14.11	5.51	3.47

PREMIUM INCOME 2 (NPM)

Year Ended 10/31:

2007 (b)	15.33	14.40	5.11	1.58
2006	15.45	14.05	6.71	8.24
2005	15.07	13.97	2.98	3.71
2004	15.53	14.57	9.48	9.77
2003	15.09	14.25	6.57	6.07
2002	15.27	14.40	5.59	5.03

Ratios/Supplemental Data

Ending Net Assets Applicable to Common Shares (000)	Ratios to Average Net Assets Applicable to Common Shares Before Credit/Refund			Ratios to A Applicable After Cr	
	Expenses Including Interest++ (a)	Expenses Excluding Interest++ (a)	Net Investment Income++	Expenses Including Interest++ (a)	Expe Exclu

PREMIUM
INCOME (NPI)

Year Ended 10/31:

2007 (b)	\$969,653	1.53%*	1.16%*	6.50%*	1.51%*
2006	977,601	1.19	1.19	6.64	1.16
2005	947,446	1.19	1.19	6.44	1.18
2004	969,539	1.21	1.21	6.76	1.20
2003	948,312	1.22	1.22	7.02	1.22
2002	948,726	1.22	1.22	7.39	1.22

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

PREMIUM
INCOME 2 (NPM)

Year Ended 10/31:					
2007 (b)	630,018	1.55*	1.18*	6.37*	1.53*
2006	634,981	1.20	1.20	6.42	1.20
2005	619,282	1.20	1.20	6.40	1.19
2004	637,981	1.21	1.21	6.75	1.21
2003	619,916	1.22	1.22	7.06	1.21
2002	627,659	1.22	1.22	7.70	1.21

Preferred Shares at End of Period			Floating Rate Obligations at End of Period		
Aggregate Amount Outstanding (000)	Liquidation and Market Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Asset Coverage Per \$1,000	

PREMIUM INCOME (NPI)

Year Ended 10/31:					
2007 (b)	\$525,000	\$25,000	\$71,174	\$104,509	\$15,302
2006	525,000	25,000	71,552	--	--
2005	525,000	25,000	70,116	--	--
2004	525,000	25,000	71,169	--	--
2003	525,000	25,000	70,158	--	--
2002	525,000	25,000	70,177	--	--

PREMIUM INCOME 2 (NPM)

Year Ended 10/31:					
2007 (b)	347,000	25,000	70,390	74,965	14,033
2006	347,000	25,000	70,748	--	--
2005	347,000	25,000	69,617	--	--
2004	347,000	25,000	70,964	--	--
2003	347,000	25,000	69,663	--	--
2002	347,000	25,000	70,220	--	--

* Annualized.

** Total Return 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. Total Return 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. Total returns are not annualized.

*** After custodian fee credit and legal fee refund, where applicable.

+ The amounts shown are based on Common share equivalents.

++ Ratios do not reflect the effect of dividend payments to Preferred shareholders; income ratios reflect income earned on assets attributable to Preferred shares, where applicable.

(a) Interest expense arises from the application of SFAS No. 140 to certain inverse floating rate transactions entered into by the Fund as more fully described in Footnote 1-Inverse Floating Rate Securities.

(b) For the six months ended April 30, 2007.

See accompanying notes to financial statements.

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

Financial HIGHLIGHTS (Unaudited) (continued)

Selected data for a Common share outstanding throughout each period:

	Investment Operations					
	Beginning Common Share Net Asset Value	Net Investment Income	Net Realized/ Unrealized Gain (Loss)	Distributions from Net Investment Income to Preferred Share- holders+	Distributions from Capital Gains to Preferred Share- holders+	Total
PREMIUM INCOME 4 (NPT)						
Year Ended 10/31:						
2007 (b)	\$13.69	\$.45	\$ (.09)	\$ (.14)	\$ --	\$.22
2006	13.38	.90	.35	(.25)	--	1.00
2005	13.54	.91	(.10)	(.16)	--	.65
2004	13.15	.94	.40	(.08)	--	1.26
2003	13.46	.93	(.32)	(.07)	--	.54
2002	14.22	1.00	(.80)	(.11)	--	.09

	Total Returns			
	Ending Common Share Net Asset Value	Ending Market Value	Based on Market Value**	Based on Common Share Net Asset Value**
PREMIUM INCOME 4 (NPT)				
Year Ended 10/31:				
2007 (b)	\$13.58	\$12.99	4.07%	1.60%
2006	13.69	12.80	9.89	7.72
2005	13.38	12.31	3.07	4.87
2004	13.54	12.74	8.98	9.90
2003	13.15	12.52	3.09	4.12
2002	13.46	12.97	.52	.76

	Ratios/Supplemental Data					
	Ending Net Assets Applicable to Common	Expenses Including	Expenses Excluding	Net Investment	Expenses Including	Expenses Excluding
		Ratios to Average Net Assets Applicable to Common Shares Before Credit/Refund			Ratios to Average Net Assets Applicable to Common Shares After Credit/Refund	

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

	Shares (000)	Interest++(a)	Interest++(a)	Income++	Interest++(a)	Inte
PREMIUM INCOME 4 (NPT)						
Year Ended 10/31:						
2007 (b)	\$587,288	1.66%*	1.22%*	6.64%*	1.64%*	
2006	591,941	1.25	1.25	6.70	1.23	
2005	578,517	1.26	1.26	6.63	1.22	
2004	585,284	1.30	1.30	7.10	1.29	
2003	568,776	1.36	1.36	6.95	1.35	
2002	581,961	1.36	1.36	7.36	1.35	

Preferred Shares at End of Period			Floating Rate Obligations at End of Period	
Aggregate Amount Outstanding (000)	Liquidation and Market Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Asset Coverage Per \$1,000

PREMIUM INCOME 4 (NPT)

Year Ended 10/31:					
2007 (b)	\$338,400	\$25,000	\$68,387	\$76,273	\$13,137
2006	338,400	25,000	68,731	--	--
2005	338,400	25,000	67,739	--	--
2004	338,400	25,000	68,239	--	--
2003	338,400	25,000	67,019	--	--
2002	338,400	25,000	67,983	--	--

* Annualized.

** Total Return 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. Total Return 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. Total returns are not annualized.

*** After custodian fee credit and legal fee refund, where applicable.

+ The amounts shown are based on Common share equivalents.

++ Ratios do not reflect the effect of dividend payments to Preferred shareholders; income ratios reflect income earned on assets attributable to Preferred shares, where applicable.

(a) Interest expense arises from the application of SFAS No. 140 to certain inverse floating rate transactions entered into by the Fund as more fully described in Footnote 1-Inverse Floating Rate Securities.

(b) For the six months ended April 30, 2007.

See accompanying notes to financial statements.

66-67 spread

Reinvest Automatically
EASILY AND CONVENIENTLY

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

Sidebar text: NUVEEN MAKES REINVESTING EASY. A PHONE CALL IS ALL IT TAKES TO SET UP YOUR REINVESTMENT ACCOUNT.

NUVEEN CLOSED-END FUNDS DIVIDEND REINVESTMENT PLAN

Your Nuveen Closed-End Fund allows you to conveniently reinvest dividends and/or capital gains 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 tax-free compounding. Just like dividends or distributions in cash, there may be times when income or capital gains taxes may be payable on dividends or 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 dividends and 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. Dividends and distributions received to purchase shares in the open market will normally be invested shortly after the dividend payment date. No interest will be paid on dividends and 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 dividend or 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.

68

FLEXIBLE

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change. Should you withdraw, you can receive a certificate for all whole shares credited to your reinvestment account and cash

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

payment for fractional shares, or cash payment for all reinvestment account shares, less brokerage commissions and a \$2.50 service fee.

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 DIVIDENDS AND/OR 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.

69

Glossary of TERMS USED IN THIS REPORT

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 average of the number of years to maturity of the bonds in a Fund's portfolio, computed by weighting each bond's time to maturity (the date the security comes due) by the market value of the security. This figure does not account for the likelihood of prepayments or the exercise of call provisions unless an escrow account has been established to redeem the bond before maturity. The market value weighting for an investment in an inverse floating rate security is the value of the portfolio's residual interest in the inverse floating rate trust, and does not include the value of the floating rate securities issued by the trust.

INVERSE FLOATERS: Inverse floating rate securities 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 short-term 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.

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

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.

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): A Fund's common share NAV per share is calculated by subtracting the liabilities of the Fund (including any MuniPreferred shares issued in order to leverage the Fund) from its total assets and then dividing the remainder by the number of shares outstanding. Fund NAVs are calculated at the end of each business day.

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.

70

Other Useful
INFORMATION

QUARTERLY PORTFOLIO OF INVESTMENTS AND PROXY VOTING INFORMATION

Each Fund's (i) quarterly portfolio of investments, (ii) information regarding how the Funds voted proxies relating to portfolio securities held during the 12-month period ended June 30, 2006, and (iii) a description of the policies and procedures that the Funds used to determine how to vote proxies relating to portfolio securities are available 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 1-202-942-8090 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 450 Fifth Street NW, Washington, D.C. 20549.

CEO CERTIFICATION DISCLOSURE

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

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

BOARD OF DIRECTORS
Robert P. Bremner
Lawrence H. Brown
Jack B. Evans
William C. Hunter
David J. Kundert

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

William J. Schneider
Timothy R. Schwertfeger
Judith M. Stockdale
Carol E. Stone
Eugene S. Sunshine

FUND MANAGER

Nuveen Asset Management
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

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. No shares were repurchased during the period covered by this report. Any future repurchases will be reported to shareholders in the next annual or semiannual report.

71

Nuveen Investments:
SERVING Investors
For GENERATIONS

Photo of: 2 women looking at a photo album.

Since 1898, financial advisors and their clients have relied on Nuveen Investments to provide dependable investment solutions. For the past century, Nuveen Investments has adhered to the belief that the best approach to investing is to apply conservative risk-management principles to help minimize volatility.

Building on this tradition, we today offer a range of high quality equity and fixed-income solutions that are integral to a well-diversified core portfolio. Our clients have come to appreciate this diversity, as well as our continued adherence to proven, long-term investing principles.

WE OFFER MANY DIFFERENT INVESTING SOLUTIONS FOR OUR CLIENTS' DIFFERENT NEEDS.

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

Managing \$166 billion in assets, as of March 31, 2007, Nuveen Investments offers access to a number of different asset classes and investing solutions through a variety of products. Nuveen Investments markets its capabilities under six distinct brands: NWQ, specializing in value-style equities; Nuveen, managing fixed-income investments; Santa Barbara, committed to growth equities; Tradewinds, specializing in global value equities; Rittenhouse, focused on "blue-chip" growth equities; and Symphony, with expertise in alternative investments as well as equity and income portfolios.

FIND OUT HOW WE CAN HELP YOU REACH YOUR FINANCIAL GOALS.

To learn more about the products and services Nuveen Investments offers, talk to your financial advisor, or call us at (800) 257-8787. Please read the information provided carefully before you invest.

Be sure to obtain a prospectus, where applicable. Investors should consider the investment objective and policies, risk considerations, charges and expenses of the Fund carefully before investing. The prospectus contains this and other information relevant to an investment in the Fund. For 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

- o Share prices
- o Fund details
- o Daily financial news
- o Investor education
- o Interactive planning tools

Logo: NUVEEN Investments

ESA-E-0407D

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.

See Portfolio of Investments in Item 1.

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

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

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: 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

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

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. 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, 2007

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, 2007

By (Signature and Title)* /s/ Stephen D. Foy

Stephen D. Foy
Vice President and Controller
(principal financial officer)

Date: July 9, 2007

* Print the name and title of each signing officer under his or her signature.