

NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-CSRS
July 08, 2015

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, 2015

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

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

ITEM 1. REPORTS TO STOCKHOLDERS.

Life is Complex

Nuveen makes things e-simple.

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

Free e-Reports right to your e-mail!

www.investordelivery.com

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

or

www.nuveen.com/accountaccess

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

Table of Contents

Chairman’s Letter to Shareholders	4
Portfolio Managers’ Comments	5
Fund Leverage	8
Common Share Information	9
Risk Considerations	11
Performance Overview and Holding Summaries	12
Portfolios of Investments	18
Statement of Assets and Liabilities	69
Statement of Operations	70
Statement of Changes in Net Assets	71
Statement of Cash Flows	72
Financial Highlights	74
Notes to Financial Statements	79
Additional Fund Information	90
Glossary of Terms Used in this Report	91
Reinvest Automatically, Easily and Conveniently	93

Chairman's Letter to Shareholders

Dear Shareholders,

A pattern of divergence has emerged in the past year. Steady and moderate growth in the U.S. economy helped sustain the stock market's bull run another year. U.S. bonds also performed well, amid subdued inflation, interest rates that remained unexpectedly low and concerns about the economic well-being of the rest of the world. The stronger domestic economy enabled the U.S. Federal Reserve (Fed) to gradually reduce its large scale bond purchases, known as quantitative easing (QE), without disruption to the markets, as well as beginning to set expectations for a transition into tightening mode.

The economic story outside the U.S. continues to improve. Despite the drama over Greece's debt negotiations, the European economy appears to be stabilizing. Japan is on a moderate recovery path as it emerged from recession late last quarter. China's economy decelerated and, despite running well above the rate of other major global economies, investors feared it looked slow by China's standards. Some areas of concern were a surprisingly steep decline in oil prices, the U.S. dollar's rally and an increase in geopolitical tensions, including the Russia-Ukraine crisis and terrorist attacks across the Middle East and Africa, as well as more recently in Europe.

While a backdrop of healthy economic growth in the U.S. and the continuation of accommodative monetary policy (with the central banks of Japan and Europe stepping in where the Fed has left off) bodes well for the markets, the global outlook has become more uncertain. Indeed, volatility is likely to feature more prominently in the investment landscape going forward. Such conditions underscore the importance of professional investment management. Experienced investment teams have weathered the market's ups and downs in the past and emerged with a better understanding of the sensitivities of their asset class and investment style, particularly in times of turbulence. We recognize the importance of maximizing gains, while striving to minimize volatility.

And, the same is true for investors like you. Maintaining an appropriate time horizon, diversification and relying on practiced investment teams are among your best strategies for achieving your long-term investment objectives. Additionally, I encourage you to communicate with your financial consultant if you have questions about your investment in a Nuveen Fund. On behalf of the other members of the Nuveen Fund Board, we look forward to continuing to earn your trust in the months and years ahead.

William J. Schneider
Chairman of the Board
June 22, 2015

Portfolio Managers' Comments

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

These Funds feature portfolio management by Nuveen Asset Management, LLC, an affiliate of Nuveen Investments, Inc. Portfolio managers Paul L. Brennan, CFA, and Christopher L. Drahn, CFA, review key investment strategies and the six-month performance of these three Funds. Paul has managed NPI and NPM since 2006 and Chris assumed portfolio management responsibility for NPT in 2011.

What key strategies were used to manage these Funds during the six-month reporting period ended April 30, 2015?

A backdrop of supportive technical and fundamental factors helped the municipal market rally in the first half of the period. However, conditions turned more volatile in the second three months. Disappointing economic data, uncertainty about the timeline for the Federal Reserve's first rate increase, an oversupply of new issuance and seasonal weakness due to tax loss selling led to greater price fluctuations within the municipal market in early 2015. In this environment, interest rates fell through January then plodded upward, ending the period at nearly the same level where they began. Municipal bond prices were up modestly for the overall six-month reporting period. We continued to take a bottom-up approach to identifying sectors that appeared undervalued as well as individual credits that had the potential to perform well over the long term and helped us keep the Funds fully invested.

Much of our trading activity during the reporting period was focused on reinvesting the cash from called bonds. The decline in municipal yields and the flattening of the municipal yield curve relative to the Treasury curve helped to make refunding deals more attractive and we saw an increase in this activity during the reporting period, as bond issuers sought to lower costs through refinancings.

The three Funds maintained their overall positioning strategies throughout the course of the reporting period, namely a bias toward longer maturity and lower credit quality bonds. In NPI and NPT, although the Funds' durations shortened slightly during the reporting period, we maintained their overweights to longer maturity and lower quality credits (specifically, BBB rated and non-rated bonds). On a sector basis, we continued to position the two Funds with overweight allocations to the hospital and pre-refunded sectors and underweight allocations to state and local general obligation (GO) bonds.

Additions to NPM were primarily in the transportation and health care sectors. NPM and NPT bought tollroad bonds issued for the Central Texas Turnpike and North Texas Tollway Authority. The health care sector has been an attractive source of ideas for us and has continued to be an overweight position in the Fund. The advent of the Affordable Health Care Act has encouraged health care providers to increase the scale of their businesses through affiliations and consolidations. While NPM's general sector and credit quality positioning was largely unchanged during this reporting period, we have become more selective at the individual issue level. As investor demand for municipal securities has increased and created a slight supply-demand imbalance, we've started to see

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

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

Bond insurance guarantees only the payment of principal and interest on the bond when due, and not the value of the bonds themselves, which will fluctuate with the bond market and the financial success of the issuer and the insurer. Insurance relates specifically to the bonds in the portfolio and not to the share prices of a Fund. No representation is made as to the insurers' ability to meet their commitments.

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this section.

Portfolio Managers' Comments (continued)

underwriters bring new issues to market that are structured with terms more favorable to the issuer and perhaps less advantageous to the investor than in the recent past. We believe this shift in the marketplace merits extra vigilance on our part to ensure that every credit considered for the portfolio offers adequate reward potential for the level of risk to the bondholder. In cases where our convictions have been less certain, we've sought compensation for the additional risk or have passed on the deal all together. Cash for purchases was generated primarily by proceeds from called and matured bonds, which we worked to redeploy to keep the Funds fully invested and support their income streams.

As of April 30, 2015, all of these Funds continued to use inverse floating rate securities. We employ inverse floaters for a variety of reasons, including duration management and income and total return enhancement. As part of our duration management strategies, NPM also added a forward interest rate swap to reduce price volatility risk to movements in U.S. interest rates relative to the Fund's benchmark.

How did the Funds perform during the six-month reporting period ended April 30, 2015?

The tables in each Fund's Performance Overview and Holding Summaries section of this report provide the Funds' total returns for the six-month, one-year, five-year and ten-year periods ended April 30, 2015. Each Fund's total returns at common share net asset value (NAV) are compared with the performance of a corresponding market index and Lipper classification average.

For the six months ended April 30, 2015, the total returns on common share NAV for NPI, NPM and NPT outperformed the return for the national S&P Municipal Bond Index. For the same period, NPI and NPT exceeded the average return for the Lipper General and Insured Leveraged Municipal Debt Funds Classification Average, while NPM lagged this Lipper classification average.

Key management factors that influenced the Funds' returns included duration and yield curve positioning, credit exposure and sector allocation. Keeping the Funds fully invested throughout the reporting period also was beneficial for performance. In addition, the use of regulatory leverage was an important positive factor affecting the Funds' performance for this reporting period. Leverage is discussed in more detail later in the Fund Leverage section of this report.

During this reporting period, municipal bonds with intermediate and longer maturities generally outperformed those with shorter maturities. In general, the Funds' durations and yield curve positioning were positive for performance. Consistent with our long term strategy, these Funds tended to have longer durations than the municipal market in general, with overweightings in the longer parts of the yield curve that performed well and underweightings in the underperforming shorter end of the curve. This was especially true in NPI and NPT, where greater sensitivity to changes in interest rates benefited their performance. As noted previously, in NPM we added a forward interest rate swap during this reporting period to reduce the Fund's duration, which had exceeded its target. As interest rates declined during the period, the swap resulted in NPM having the shortest duration among these Funds as of the end of this reporting period and this detracted from its performance. Overall, duration and yield curve positioning was the major driver of performance and differences in positioning accounted for much of the differences in performance.

During this reporting period, lower rated bonds generally outperformed higher quality bonds, as the municipal market rally continued and investors became more willing to accept risk. These Funds tended to have overweightings in A rated and BBB rated bonds and underweightings in the AAA rated and AA rated categories relative to their benchmark and credit exposure was generally positive for their performance. As with duration, differences in credit allocation accounted for some of the differences in performance. NPT had the largest allocation of bonds rated A and BBB, providing the largest positive contribution of the three Funds. NPM, on the other hand, had slightly lighter exposures to the outperforming credit categories, which restrained its performance to some degree.

Among the municipal market sectors, tobacco, health care (especially hospitals), industrial development revenue (IDR) and transportation (especially tollroads) were some of the top-performing groups during this reporting period. Tobacco bonds performed well due to their lower credit quality and the broader demand for higher yields. Health care, IDR and transportation bonds also benefited from investor demand for lower rated credits, as well as generally improving credit fundamentals across these sectors. The performance of

6 Nuveen Investments

NPI and NPM was largely driven by the Funds' allocations to the tobacco settlement, health care, transportation, utilities and the IDR sectors. However, relative gains were somewhat offset by weak performance from the two Funds' exposures to the pre-refunded and tax obligation sectors. Pre-refunded bonds generally underperformed the municipal market, owing to their short maturities and higher credit quality. Although the tax-supported sectors encompass a wide range of credit ratings, the underperformance of higher quality issues has been one of the main reasons the tax-supported sectors have tended to lag revenue sectors. NPT benefited from both an overweight allocation to health care (specifically hospitals), and an underweight in the tax-backed sector, which more than offset the slightly negative effect of an overweight allocation to the weak-performing pre-refunded sector. Also during this reporting period, Moody's upgraded Harris County-Houston Sports Authority bonds following a successful restructuring in November 2014. Both NPI and NPM held these bonds in their portfolios.

As noted in the previous Shareholder Fund Report we continue to monitor two situations in the broader municipal market for any impact on the Funds' holdings and performance: the ongoing economic problems of Puerto Rico and the City of Detroit's bankruptcy case. In terms of Puerto Rico holdings, shareholders should note that NPI and NPM had limited exposure to Puerto Rico debt during this reporting period, 0.13% and 0.10%, respectively, while NPT sold the last of its Puerto Rico holdings in July 2014. The Puerto Rico credits still held in NPI and NPM, offered higher yields, added diversification and triple exemption (i.e., exemption from most federal, state and local taxes) and are enhanced with insurance policies. However, Puerto Rico's continued economic weakening, escalating debt service obligations, and long-standing inability to deliver a balanced budget led to multiple downgrades on its debt over the past two years. Puerto Rico general obligation debt is rated Caa2/CCC+/B (below investment grade) by Moody's, S&P and Fitch, respectively, with negative outlooks.

On February 6, 2015, a federal court found Puerto Rico's Recovery Act to be unconstitutional. Though the Commonwealth is pursuing an appeal of the ruling, the outcome is uncertain. Puerto Rico's non-voting Representative in Congress recently introduced legislation that would make chapter 9 bankruptcy available to the Commonwealth's public corporations. A congressional committee hearing was held on February 26, 2015, but the bill has not advanced out of committee.

In light of the evolving economic situation in Puerto Rico, Nuveen's credit analysis of the Commonwealth had previously considered the possibility of a default and restructuring of public corporations and we adjusted our portfolios to prepare for such an outcome, although no such default or restructuring has occurred to date. The Nuveen complex's entire exposure to obligations of the government of Puerto Rico and other Puerto Rico issuers totaled 0.33% of assets under management as of April 30, 2015. As of April 30, 2015, the Funds' limited exposure to Puerto Rico generally was invested in bonds that were insured, pre-refunded (and therefore backed by securities such as U.S. Treasuries), or tobacco settlement bonds. Overall, the small size of our exposures meant that our Puerto Rico holdings had a negligible impact on performance.

The second situation that we continued to monitor was the City of Detroit's filing for Chapter 9 in federal bankruptcy court in July 2013. Burdened by decades of population loss, changes in the auto manufacturing industry and significant tax base deterioration, Detroit had been under severe financial stress for an extended period prior to the filing. Before Detroit could exit bankruptcy, issues surrounding the city's complex debt portfolio, numerous union contracts, significant legal questions and more than 100,000 creditors had to be resolved. By October 2014, all of the major creditors had reached an agreement on the city's plan to restructure its \$18.5 billion of debt and emerge from bankruptcy on November 7, 2014. The U.S. Bankruptcy Court approved the city's bankruptcy exit plan, thereby erasing approximately \$7 billion in debt. The settlement plan also provided for \$1.7 billion to be reinvested in the city for improved public safety, blight removal and upgraded basic services.

In August 2014, Detroit announced a tender offer for the city's water and sewer bonds, aimed at replacing some of the \$5.2 billion of existing debt with lower cost bonds. Approximately \$1.5 billion in existing water and sewer bonds

were returned to the city by investors under the tender offer, which enabled Detroit to issue new water and sewer bonds, resulting in savings of \$250 million over the life of the bonds. The city also raised about \$150 million to finance sewer system improvements. As part of the deal, Detroit water and sewer bonds also were permanently removed from the city's bankruptcy case, which led to a rally in the bonds' price. The three Funds continued to hold Detroit water and sewer bonds, and the small position sizes had an insignificant impact on performance.

Fund Leverage

IMPACT OF THE FUNDS' LEVERAGE STRATEGIES ON PERFORMANCE

One important factor impacting the returns of the Funds relative to their comparative benchmarks was the Funds' use of leverage through their issuance of preferred shares and/or investments in inverse floating rate securities, which represent leveraged investments in underlying bonds. The Funds use leverage because our research has shown that, over time, leveraging provides opportunities for additional income, particularly in the recent market environment where short-term market rates are at or near historical lows, meaning that the short-term rates the Fund has been paying on its leveraging instruments have been much lower than the interest the Fund has been earning on its portfolio of long-term bonds that it has bought with the proceeds of that leverage. However, use of leverage also can expose the Fund to additional price volatility. When a Fund uses leverage, the Fund will experience a greater increase in its net asset value if the municipal bonds acquired through the use of leverage increase in value, but it will also experience a correspondingly larger decline in its net asset value if the bonds acquired through leverage decline in value, which will make the Fund's net asset value more volatile, and its total return performance more variable over time. In addition, income in levered funds will typically decrease in comparison to unlevered funds when short-term interest rates increase and increase when short-term interest rates decrease. Leverage made a positive contribution to the performance of these Funds over this reporting period.

As of April 30, 2015, the Funds' percentages of leverage are shown in the accompanying table.

	NPI	NPM	NPT
Effective Leverage*	35.84%	37.00%	34.65%
Regulatory Leverage*	29.18%	30.87%	29.55%

* Effective Leverage is a Fund's effective economic leverage, and includes both regulatory leverage and the leverage effects of certain derivative and other investments in a Fund's portfolio that increase the Fund's investment exposure. Currently, the leverage effects of Tender Option Bond (TOB) inverse floater holdings are included in effective leverage values, in addition to any regulatory leverage. Regulatory leverage consists of preferred shares issued or borrowings of a Fund. Both of these are part of a Fund's capital structure. Regulatory leverage is subject to asset coverage limits set forth in the Investment Company Act of 1940.

THE FUNDS' REGULATORY LEVERAGE

As of April 30, 2015, the Funds have issued and outstanding Variable Rate MuniFund Term Preferred (VMTP) Shares and Variable Rate Demand Preferred (VRDP) Shares as shown in the accompanying table.

Fund	VMTP Shares			VRDP Shares			Total
	Series	Shares Issued at Liquidation Value		Series	Shares Issued at Liquidation Value		
NPI	2015	\$ 407,000,000		—		—\$ 407,000,000	
NPM	—	—		1	\$ 489,500,000	\$ 489,500,000	
NPT	—	—		1	\$ 262,200,000	\$ 262,200,000	

Refer to Notes to Financial Statements, Note 4 – Fund Shares, Preferred Shares for further details on VMTP and VRDP Shares and each Fund's respective transactions.

Subsequent to the close of this reporting period, NPI refinanced all of its outstanding VMTP Shares with the issuance of new VMTP Shares.

8 Nuveen Investments

Common Share Information

COMMON SHARE DISTRIBUTION INFORMATION

The following information regarding the Funds' distributions is current as of April 30, 2015. Each Fund's distribution levels may vary over time based on each Fund's investment activity and portfolio investments value changes.

During the current reporting period, each Fund's distributions to common shareholders were as shown in the accompanying table.

Ex-Dividend Date	Per Common Share Amounts		
	NPI	NPM	NPT
November 2014	\$ 0.0685	\$ 0.0720	\$ 0.0680
December	0.0685	0.0720	0.0680
January	0.0685	0.0720	0.0680
February	0.0685	0.0720	0.0680
March	0.0685	0.0720	0.0680
April 2015	0.0685	0.0720	0.0680
Ordinary Income Distribution*	\$ 0.0094	\$ 0.0013	\$ 0.0037
Market Yield**	5.94%	6.17%	6.04%
Taxable-Equivalent Yield**	8.25%	8.57%	8.39%

* Distribution paid in December 2014.

** Market Yield is based on the Fund's current annualized monthly dividend divided by the Fund's current market price as of the end of the reporting period. 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 28.0%. When comparing a Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

Each Fund in this report seeks to pay regular monthly dividends out of its net investment income at a rate that reflects its past and projected net income performance. To permit each Fund to maintain a more stable monthly dividend, the Fund may pay dividends at a rate that may be more or less than the amount of net income actually earned by the Fund during the period. If a Fund has cumulatively earned more than it has paid in dividends, it will hold the excess in reserve as undistributed net investment income (UNII) as part of the Fund's net asset value. Conversely, if a Fund has cumulatively paid in dividends more than it has earned, the excess will constitute a negative UNII that will likewise be reflected in the Fund's net asset value. Each Fund will, over time, pay all its net investment income as dividends to shareholders.

As of April 30, 2015, the Funds had positive UNII balances, based upon our best estimate, for tax purposes and positive UNII balances for financial reporting purposes.

All monthly dividends paid by the Funds during the current reporting period, were paid from net investment income. If a portion of the Fund's monthly distributions was sourced from or comprised of elements other than net investment income, including capital gains and/or a return of capital, shareholders would have received a notice to that effect. For financial reporting purposes, the composition and per share amounts of each Fund's dividends for the reporting period are presented in this report's Statement of

Common Share Information (continued)

Changes in Net Assets and Financial Highlights, respectively. For income tax purposes, distribution information for each Fund as of its most recent tax year end is presented in Note 6 — Income Tax Information within the Notes to Financial Statements of this report.

COMMON SHARE REPURCHASES

During August 2014, the Funds' Board of Directors reauthorized an open-market share repurchase program, allowing each Fund to repurchase an aggregate of up to approximately 10% of its outstanding shares.

As of April 30, 2015, and since the inception of the Funds' repurchase programs, the Funds have cumulatively repurchased and retired their outstanding common shares as shown in the accompanying table.

	NPI	NPM	NPT
Common Shares Cumulatively Repurchased and Retired	—	422,900	—
Common Shares Authorized for Repurchase	6,405,000	7,070,000	4,335,000

During the current reporting period, the Funds did not repurchase any of their outstanding common shares.

OTHER COMMON SHARE INFORMATION

As of April 30, 2015, and during the current reporting period, the Funds' common share prices were trading at a premium/(discount) to their common share NAVs as shown in the accompanying table.

	NPI	NPM	NPT
Common Share NAV	\$ 15.42	\$ 15.51	\$ 14.43
Common Share Price	\$ 13.84	\$ 14.01	\$ 13.51
Premium/(Discount) to NAV	(10.25)%	(9.67)%	(6.38)%
6-Month Average Premium/(Discount) to NAV	(10.94)%	(10.32)%	(8.30)%

Risk Considerations

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

Investment, Market and Price Risk. An investment in common shares is subject to investment risk, including the possible loss of the entire principal amount that you invest. Your investment in common shares represents an indirect investment in the municipal securities owned by the Funds, which generally trade in the over-the-counter markets. Shares of closed-end investment companies like these Funds frequently trade at a discount to their net asset value (NAV). Your common shares at any point in time may be worth less than your original investment, even after taking into account the reinvestment of Fund dividends and distributions.

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

Leverage Risk. Each Fund's use of leverage creates the possibility of higher volatility for the Fund's per share NAV, market price, distributions and returns. There is no assurance that a Fund's leveraging strategy will be successful. Certain aspects of the recently adopted Volcker Rule may limit the availability of tender option bonds, which are used by the Funds for leveraging and duration management purposes. The effects of this new Rule, expected to take effect in mid-2015, may make it more difficult for a Fund to maintain current or desired levels of leverage and may cause the Fund to incur additional expenses to maintain its leverage.

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

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

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

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

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

Derivatives Strategy Risk. Derivative securities, such as calls, puts, warrants, swaps and forwards, carry risks different from, and possibly greater than, the risks associated with the underlying investments.

Municipal Bond Market Liquidity Risk. Inventories of municipal bonds held by brokers and dealers have decreased in recent years, lessening their ability to make a market in these securities. This reduction in market making capacity has the potential to decrease a Fund's ability to buy or sell bonds, and increase bond price volatility and trading costs, particularly during periods of economic or market stress. In addition, recent federal banking regulations may cause certain dealers to reduce their inventories of municipal bonds, which may further decrease a Fund's ability to buy or sell bonds. As a result, the Fund may be forced to accept a lower price to sell a security, to sell other securities to raise cash, or to give up an investment opportunity, any of which could have a negative effect on performance. If the Fund needed to sell large blocks of bonds, those sales could further reduce the bonds' prices and hurt performance.

NPI

Nuveen Premium Income Municipal Fund, Inc. (NPI)
Performance Overview and Holding Summaries as of April 30, 2015

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this section.

Average Annual Total Returns as of April 30, 2015

	Cumulative		Average Annual	
	6-Month	1-Year	5-Year	10-Year
NPI at Common Share NAV	2.45%	10.74%	8.23%	6.03%
NPI at Common Share Price	4.25%	9.23%	6.85%	5.95%
S&P Municipal Bond Index	1.27%	4.86%	4.92%	4.63%
Lipper General & Insured Leveraged Municipal Debt Funds Classification Average	2.40%	9.96%	8.36%	6.11%

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. Returns at NAV are net of Fund expenses and assume reinvestment of distributions. Comparative index and Lipper return information is provided for the Fund's shares at NAV only. Indexes and Lipper averages are not available for direct investment.

12 Nuveen Investments

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

This data relates to the securities held in the Fund's portfolio of investments as of the end of the reporting period. It should not be construed as a measure of performance for the Fund itself. Holdings are subject to change.

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

Fund Allocation

(% of net assets)

Long-Term Municipal Bonds	145.6%
Corporate Bonds	0.0%
Short-Term Municipal Bonds	0.6%
Other Assets Less Liabilities	2.1%
Net Assets Plus Floating Rate Obligations & VMTP Shares, at Liquidation Value	148.3%
Floating Rate Obligations	(7.1)%
VMTP Shares, at Liquidation Value	(41.2)%
Net Assets	100%

Credit Quality

(% of total investment exposure)

AAA/U.S. Guaranteed	14.0%
AA	42.5%
A	25.1%
BBB	12.9%
BB or Lower	4.4%
N/R (not rated)	1.1%
Total	100%

Portfolio Composition

(% of total investments)

Transportation	21.4%
Health Care	17.8%
Tax Obligation/Limited	14.8%
Tax Obligation/General	10.4%
Education and Civic Organizations	8.3%
Water and Sewer	7.9%
U.S. Guaranteed	7.6%
Utilities	5.7%
Other	6.1%
Total	100%

States and Territories

(% of total municipal bonds)

California	15.6%
Texas	12.4%
Illinois	8.7%
Florida	7.8%
New York	7.1%

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

Ohio	3.8%
Massachusetts	3.3%
Nevada	3.1%
Washington	3.1%
Louisiana	3.0%
Pennsylvania	2.7%
Alabama	2.4%
New Jersey	1.8%
Oklahoma	1.7%
Kentucky	1.6%
Michigan	1.5%
Tennessee	1.5%
Other	18.9%
Total	100%

Nuveen Investments 13

NPM

Nuveen Premium Income Municipal Fund 2, Inc. (NPM)
 Performance Overview and Holding Summaries as of April 30, 2015

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this section.

Average Annual Total Returns as of April 30, 2015

	Cumulative		Average Annual	
	6-Month	1-Year	5-Year	10-Year
NPM at Common Share NAV	1.87%	8.64%	7.45%	5.89%
NPM at Common Share Price	3.16%	8.37%	6.67%	6.22%
S&P Municipal Bond Index	1.27%	4.86%	4.92%	4.63%
Lipper General & Insured Leveraged Municipal Debt Funds Classification Average	2.40%	9.96%	8.36%	6.11%

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. Returns at NAV are net of Fund expenses and assume reinvestment of distributions. Comparative index and Lipper return information is provided for the Fund's shares at NAV only. Indexes and Lipper averages are not available for direct investment.

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

This data relates to the securities held in the Fund's portfolio of investments as of the end of the reporting period. It should not be construed as a measure of performance for the Fund itself. Holdings are subject to change.

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

Fund Allocation

(% of net assets)

Long-Term Municipal Bonds	148.7%
Corporate Bonds	0.0%
Short-Term Municipal Bonds	0.1%
Other Assets Less Liabilities	1.4%
Net Assets Plus Floating Rate Obligations & VRDP Shares, at Liquidation Value	150.2%
Floating Rate Obligations	(5.6)%
VRDP Shares, at Liquidation Value	(44.6)%
Net Assets	100%

Credit Quality

(% of total investment exposure)¹

AAA/U.S. Guaranteed	16.1%
AA	47.0%
A	24.5%
BBB	7.9%
BB or Lower	3.4%
N/R (not rated)	1.1%
Total	100%

Portfolio Composition

(% of total investments)¹

Transportation	17.4%
Health Care	16.2%
Tax Obligation/General	16.0%
Tax Obligation/Limited	15.4%
Water and Sewer	9.0%
U.S. Guaranteed	8.5%
Education and Civic Organizations	6.8%
Utilities	5.9%
Other	4.8%
Total	100%

States and Territories

(% of total municipal bonds)

Florida	12.0%
California	11.5%
Illinois	11.3%
Texas	8.6%
New York	6.8%

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

Ohio	5.3%
Nevada	4.1%
Louisiana	4.1%
Michigan	3.6%
Washington	3.5%
Colorado	2.9%
Pennsylvania	2.6%
New Jersey	2.6%
Indiana	2.4%
Other	18.7%
Total	100%

1 Excluding investments in derivatives.

Nuveen Investments 15

NPT

Nuveen Premium Income Municipal Fund 4, Inc. (NPT)
Performance Overview and Holding Summaries as of April 30, 2015

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this section.

Average Annual Total Returns as of April 30, 2015

	Cumulative		Average Annual	
	6-Month	1-Year	5-Year	10-Year
NPT at Common Share NAV	2.85%	11.50%	8.70%	6.49%
NPT at Common Share Price	4.72%	12.99%	7.94%	7.27%
S&P Municipal Bond Index	1.27%	4.86%	4.92%	4.63%
Lipper General & Insured Leveraged Municipal Debt Funds Classification Average	2.40%	9.96%	8.36%	6.11%

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. Returns at NAV are net of Fund expenses and assume reinvestment of distributions. Comparative index and Lipper return information is provided for the Fund's shares at NAV only. Indexes and Lipper averages are not available for direct investment.

16 Nuveen Investments

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

This data relates to the securities held in the Fund's portfolio of investments as of the end of the reporting period. It should not be construed as a measure of performance for the Fund itself. Holdings are subject to change.

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

Fund Allocation

(% of net assets)

Long-Term Municipal Bonds	146.7%
Common Stocks	0.2%
Corporate Bonds	0.0%
Short-Term Municipal Bonds	0.4%
Other Assets Less Liabilities	2.1%
Net Assets Plus Floating Rate Obligations & VRDP Shares, at Liquidation Value	149.4%
Floating Rate Obligations	(7.5)%
VRDP Shares, at Liquidation Value	(41.9)%
Net Assets	100%

Credit Quality

(% of total investment exposure)

AAA/U.S. Guaranteed	17.9%
AA	31.0%
A	28.2%
BBB	15.2%
BB or Lower	3.6%
N/R (not rated)	3.9%
N/A (not applicable)	0.2%
Total	100%

Portfolio Composition

(% of total investments)

Health Care	21.3%
Tax Obligation/Limited	18.3%
Tax Obligation/General	10.6%
Transportation	10.1%
U.S. Guaranteed	9.8%
Water and Sewer	8.4%
Education and Civic Organizations	6.5%
Utilities	6.1%
Other	8.9%
Total	100%

States and Territories

(% of total municipal bonds)

California	14.4%
Texas	12.8%
Illinois	11.3%

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

Louisiana	5.5%
Colorado	5.4%
Florida	5.1%
New York	4.2%
Wisconsin	3.3%
Pennsylvania	3.1%
Ohio	2.9%
Missouri	2.6%
Alabama	2.6%
Michigan	2.4%
Arizona	2.3%
Georgia	2.3%
Other	19.8%
Total	100%

Nuveen Investments 17

NPI

Nuveen Premium Income Municipal Fund, Inc.
Portfolio of Investments

April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 145.6% (99.6% of Total Investments)			
	MUNICIPAL BONDS – 145.6% (99.6% of Total Investments)			
	Alabama – 3.5% (2.4% of Total Investments)			
	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2:			
\$ 1,435	5.000%, 11/15/36 (UB)	11/16 at 100.00	AA+	\$ 1,519,407
4,000	5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+	4,232,120
6,000	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006D, 5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+	6,348,180
	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A:			
6,000	5.250%, 11/15/20	11/15 at 100.00	Baa2	6,098,820
1,300	5.000%, 11/15/30	11/15 at 100.00	Baa2	1,304,693
11,790	Birmingham Waterworks and Sewerage Board, Alabama, Water and Sewerage Revenue Bonds, Series 2007A, 4.500%, 1/01/43 – BHAC Insured	1/17 at 100.00	AA+	12,362,758
2,890	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25 (Pre-refunded 6/01/15)	6/15 at 100.00	BBB (4)	2,901,849
33,415	Total Alabama			34,767,827
	Alaska – 0.9% (0.6% of Total Investments)			
10,500	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	7/15 at 100.00	B2	9,207,240
	Arizona – 2.0% (1.4% of Total Investments)			
	Glendale Industrial Development Authority, Arizona, Revenue Bonds, John C. Lincoln Health Network, Series 2005B:			
500	5.250%, 12/01/24 (Pre-refunded 12/01/15)	12/15 at 100.00	N/R (4)	514,685
660	5.250%, 12/01/25 (Pre-refunded 12/01/15)	12/15 at 100.00	N/R (4)	679,384

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

9,740	Phoenix Civic Improvement Corporation, Arizona, Junior Lien Airport Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+	10,617,769
7,115	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	A-	8,097,510
18,015	Total Arizona			19,909,348
	Arkansas – 0.2% (0.2% of Total Investments)			
2,055	Arkansas State University, Student Fee Revenue Bonds, Jonesboro Campus, Series 2013, 4.875%, 12/01/43	12/23 at 100.00	A1	2,245,396
	California – 22.2% (15.2% of Total Investments)			
9,200	Alameda Corridor Transportation Authority, California, Revenue Bonds, Refunding Subordinate Lien Series 2004A, 0.000%, 10/01/20 – AMBAC Insured	No Opt. Call	BBB+	8,217,348
10,000	Anaheim Public Financing Authority, California, Lease Revenue Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	9/17 at 100.00	AA-	10,233,700
3,500	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2013S-4, 5.250%, 4/01/53	4/23 at 100.00	A+	3,963,645
8,000	California Educational Facilities Authority, Revenue Bonds, Pepperdine University, Series 2014, 5.000%, 12/01/44	12/24 at 100.00	AA	9,123,760
5,400	California Educational Facilities Authority, Revenue Bonds, University of Southern California, Series 2005, 4.750%, 10/01/28	10/15 at 100.00	Aa1	5,502,330
1,500	California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006, 5.000%, 11/01/30	11/15 at 100.00	A2	1,531,290

18 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
California (continued)				
\$ 8,560	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100.00	AA-\$	8,763,814
8,570	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	8,806,103
4,250	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2009B, 5.500%, 10/01/39	10/19 at 100.00	AA	4,899,443
530	California Health Facilities Financing Authority, Revenue Bonds, Saint Joseph Health System, Series 2013A, 5.000%, 7/01/37	7/23 at 100.00	AA-	595,248
California Health Facilities Financing Authority, Revenue Bonds, Stanford Hospitals and Clinics, Tender Option Bond Trust 3294:				
2,140	9.278%, 2/15/20 (IF) (5)	No Opt. Call	AA	2,625,523
825	9.278%, 2/15/20 (IF) (5)	No Opt. Call	AA	1,012,176
790	9.271%, 2/15/20 (IF) (5)	No Opt. Call	AA	969,069
7,130	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 2015-XF0078, 13.571%, 5/15/40 (IF)	5/18 at 100.00	AA-	10,136,222
3,015	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA-	3,168,584
2,530	California State Public Works Board, Lease Revenue Bonds, Department of Corrections, Series 1993E, 5.500%, 6/01/15	No Opt. Call	A1	2,538,526
1,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 6.000%, 3/01/35	3/20 at 100.00	A1	1,190,610
California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A:				
1,640	5.250%, 7/01/30	7/15 at 100.00	CCC	1,510,948
4,730	5.000%, 7/01/39	7/15 at 100.00	CCC	4,280,839
5,000	California Statewide Community Development Authority, Revenue Bonds, St. Joseph Health System, Series 2007A, 5.750%, 7/01/47 – FGIC Insured	7/18 at 100.00	AA-	5,618,050
3,575			A1	3,661,301

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

	Chula Vista, California, Industrial Development Revenue Bonds, San Diego Gas and Electric Company, Series 1996A, 5.300%, 7/01/21	6/16 at 100.00		
4,890	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Series 2006B, 0.000%, 8/01/26 – NPFG Insured	No Opt. Call	AA+	3,393,122
5,000	Desert Community College District, Riverside County, California, General Obligation Bonds, Election 2004 Series 2007C, 5.000%, 8/01/37 – AGM Insured	8/17 at 100.00	AA	5,394,250
	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A:			
1,480	5.750%, 1/15/46	1/24 at 100.00	BBB–	1,724,392
3,480	6.000%, 1/15/49	1/24 at 100.00	BBB–	4,119,380
6,870	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2015A, 5.000%, 6/01/45	6/25 at 100.00	A1	7,609,830
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
7,520	5.000%, 6/01/33	6/17 at 100.00	B	6,336,954
2,000	5.750%, 6/01/47	6/17 at 100.00	B	1,738,780
3,000	5.125%, 6/01/47	6/17 at 100.00	B	2,396,190
5,000	Kern Community College District, California, General Obligation Bonds, Series 2006, 0.000%, 11/01/24 – AGM Insured	No Opt. Call	AA	3,807,900
15,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2011A, 5.000%, 7/01/41	1/21 at 100.00	AA	16,668,450
170	Martinez, California, Home Mortgage Revenue Bonds, Series 1983A, 10.750%, 2/01/16 (ETM)	No Opt. Call	Aaa	178,573
3,635	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/43	8/35 at 100.00	AA	2,467,293
12,335	Pomona, California, GNMA/FNMA Collateralized Securities Program Single Family Mortgage Revenue Bonds, Series 1990A, 7.600%, 5/01/23 (ETM)	No Opt. Call	Aaa	15,382,115

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
California (continued)				
\$ 330	Riverside County Transportation Commission, California, Toll Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/48	6/23 at 100.00	BBB-	\$ 376,398
San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006:				
400	5.000%, 9/01/21	9/15 at 102.00	Baa1	410,928
445	5.000%, 9/01/23	9/15 at 102.00	Baa1	456,361
San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2014A:				
9,990	5.000%, 1/15/44	1/25 at 100.00	BBB-	10,980,708
30,840	5.000%, 1/15/50	1/25 at 100.00	BBB-	33,607,582
Union City Community Redevelopment Agency, California, Tax Allocation Revenue Bonds, Redevelopment Project, Subordinate Lien Series 2011:				
1,000	6.500%, 12/01/24	12/21 at 100.00	A	1,254,660
1,000	6.625%, 12/01/25	12/21 at 100.00	A	1,255,990
1,325	6.750%, 12/01/26	12/21 at 100.00	A	1,674,217
207,595	Total California			219,582,602
Colorado – 1.9% (1.3% of Total Investments)				
690	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Bromley School, Series 2005, 5.125%, 9/15/20 – SYNCORA GTY Insured	9/15 at 100.00	A	698,991
2,125	Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005, 5.000%, 6/01/29	6/16 at 100.00	A3	2,182,906
4,515	Denver City and County, Colorado, Airport System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	5,028,852
20,510	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B, 0.000%, 9/01/32 – NPFG Insured	No Opt. Call	AA-	10,226,286
250			Baa3	285,708

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

	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010, 6.000%, 1/15/41	7/20 at 100.00			
28,090	Total Colorado				18,422,743
	Connecticut – 0.8% (0.6% of Total Investments)				
1,930	Connecticut, General Obligation Bonds, Series 2001C, 5.500%, 12/15/16	No Opt. Call	AA		2,087,237
2,310	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A, 5.000%, 11/15/30 (Pre-refunded 11/15/15) – NPMFG Insured	11/15 at 100.00	AA– (4)		2,369,621
3,565	Hartford County Metropolitan District, Connecticut, Clean Water Project Revenue Bonds, Series 2013A, 4.000%, 4/01/39	4/22 at 100.00	AA		3,664,784
7,805	Total Connecticut				8,121,642
	District of Columbia – 2.0% (1.4% of Total Investments)				
1,960	District of Columbia Housing Finance Agency, GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 1988E-4, 6.375%, 6/01/26 (Alternative Minimum Tax)	6/15 at 100.00	AA+		1,964,645
9,505	District of Columbia, General Obligation Bonds, Series 1998B, 6.000%, 6/01/20 – NPMFG Insured	No Opt. Call	Aa1		11,599,712
2,130	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1606, 11.676%, 10/01/30 – BHAC Insured (IF) (5)	10/16 at 100.00	AA+		2,432,013
3,335	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1731, 11.671%, 4/01/16 – BHAC Insured (IF) (5)	No Opt. Call	AA+		3,807,670
16,930	Total District of Columbia				19,804,040
	Florida – 11.4% (7.8% of Total Investments)				
2,875	Brevard County Health Facilities Authority, Florida, Health Facilities Revenue Bonds, Health First, Inc. Project, Series 2005, 5.000%, 4/01/24 (Pre-refunded 4/01/16)	4/16 at 100.00	A– (4)		3,000,206
2,000	Florida Ports Financing Commission, Revenue Bonds, State Transportation Trust Fund-Intermodal Program, Refunding Series 2011B, 5.375%, 10/01/29 (Alternative Minimum Tax)	10/21 at 100.00	AA+		2,329,960
8,000	JEA, Florida, Water and Sewer System Revenue Bonds, Series 2010D, 5.000%, 10/01/39	4/20 at 100.00	AA		9,062,880

20 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Florida (continued)			
\$ 2,930	Miami-Dade County Educational Facilities Authority, Florida, Revenue Bonds, University of Miami, Series 2012A, 5.000%, 4/01/42	No Opt. Call	A-\$	3,195,634
19,750	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Bonds, Series 2006, 4.500%, 7/01/33 – AMBAC Insured	7/16 at 100.00	A-	20,446,977
1,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Refunding Series 2012A: 5.000%, 10/01/29 (Alternative Minimum Tax)	No Opt. Call	A	1,124,200
1,800	5.000%, 10/01/30 (Alternative Minimum Tax)	No Opt. Call	A	2,008,152
7,890	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010B, 5.000%, 10/01/41	10/20 at 100.00	A	8,530,116
4,865	Miami-Dade County, Florida, Subordinate Special Obligation Bonds, Refunding Series 2012B, 5.000%, 10/01/37	10/22 at 100.00	A+	5,378,258
6,210	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Refunding Series 2012, 5.000%, 7/01/42	7/22 at 100.00	AA	6,895,584
5,325	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	Aa3	5,894,136
115	Palm Beach County Health Facilities Authority, Florida, Revenue Bonds, Sinai Residences of Boca Raton Project, Series 2014A, 7.250%, 6/01/34	6/22 at 102.00	N/R	131,093
4,635	Port Saint Lucie, Florida, Public Service Tax Revenue Bonds, Recovery Zone Facility Bond Series 2014B, 5.000%, 9/01/43	9/24 at 100.00	AA-	5,160,980
6,910	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (5)	8/17 at 100.00	AA	7,282,656
1,785	Tallahassee, Florida, Energy System Revenue Bonds, Series 2005, 5.000%, 10/01/28 – NPFQ Insured	10/15 at 100.00	AA	1,818,504
14,610	Tampa-Hillsborough County Expressway Authority, Florida, Revenue Bonds, Refunding Series 2012B, 5.000%, 7/01/42	No Opt. Call	A	16,124,619
6,510	Volusia County Educational Facilities Authority, Florida, Revenue Bonds, Stetson University Inc. Project, Series 2015, 5.000%, 6/01/45	6/25 at 100.00	A-	7,073,896
2,375	Volusia County School Board, Florida, Certificates of Participation, Series 2005B, 5.000%, 8/01/22 (Pre-refunded 8/01/15) – AGM Insured	8/15 at 100.00	Aa3 (4)	2,403,880
5,000	Winter Haven, Florida, Utility System Revenue Bonds, Improvement & Refunding Series 2005, 5.000%, 10/01/35	10/15 at 100.00	AA (4)	5,100,650

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

(Pre-refunded 10/01/15) – NPFG Insured				
104,585	Total Florida			112,962,381
	Georgia – 0.4% (0.3% of Total Investments)			
3,935	Metropolitan Atlanta Rapid Transit Authority, Georgia, Sales Tax Revenue Refunding Bonds, Series 1992P, 6.250%, 7/01/20 – AMBAC Insured	No Opt. Call	Aa2	4,335,268
	Guam – 0.1% (0.1% of Total Investments)			
1,220	Guam Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2013, 5.500%, 7/01/43	7/23 at 100.00	A–	1,396,668
	Hawaii – 1.2% (0.8% of Total Investments)			
10,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2013A, 5.500%, 7/01/43	7/23 at 100.00	A	11,436,600
	Idaho – 0.3% (0.2% of Total Investments)			
	Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial Hospital, Series 2006:			
2,185	5.250%, 9/01/30	9/16 at 100.00	BB+	2,215,240
600	5.250%, 9/01/37	9/16 at 100.00	BB+	606,432
2,785	Total Idaho			2,821,672

Nuveen Investments 21

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Illinois – 12.8% (8.7% of Total Investments)				
Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1:				
\$ 10,000	0.000%, 12/01/20 – FGIC Insured	No Opt. Call	AA-\$	8,163,700
10,130	0.000%, 12/01/24 – FGIC Insured	No Opt. Call	AA-	6,513,691
Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A:				
15,000	0.000%, 12/01/21 – FGIC Insured	No Opt. Call	AA-	11,637,150
10,000	0.000%, 12/01/23 – FGIC Insured	No Opt. Call	AA-	6,848,200
3,800	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	4,199,798
3,130	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.000%, 1/01/41	1/22 at 100.00	AAA	3,317,111
13,310	Cook County, Illinois, General Obligation Bonds, Refunding Series 2010A, 5.250%, 11/15/33	11/20 at 100.00	AA	14,640,601
2,785	Illinois Educational Facilities Authority, Revenue Bonds, Field Museum of Natural History, Series 2002, 5.500%, 11/01/36	11/23 at 100.00	A2	3,066,731
1,380	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100.00	Aa3	1,421,745
4,045	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	4,972,438
2,840	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C, 5.000%, 8/15/44	8/25 at 100.00	Baa1	3,061,350
6,970	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	AA+	7,496,723
Illinois State, General Obligation Bonds, February Series 2014:				
3,200	5.250%, 2/01/32	2/24 at 100.00	A-	3,421,984
2,000	5.250%, 2/01/33	2/24 at 100.00	A-	2,134,240
1,575	5.250%, 2/01/34	2/24 at 100.00	A-	1,677,155

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

2,000	5.000%, 2/01/39	2/24 at 100.00	A-	2,071,560
Illinois State, General Obligation Bonds, May Series 2014:				
610	5.000%, 5/01/36	5/24 at 100.00	A-	636,505
1,950	5.000%, 5/01/39	5/24 at 100.00	A-	2,021,526
1,055	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	A-	1,161,977
1,115	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bond Trust 2015-XF0051, 17.799%, 1/01/21 (IF)	No Opt. Call	AA-	1,609,246
1,000	Lombard Public Facilities Corporation, Illinois, Second Tier Conference Center and Hotel Revenue Bonds, Series 2005B, 5.250%, 1/01/30 (6)	1/16 at 100.00	D	292,000
10,000	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A, 5.500%, 6/15/50	6/20 at 100.00	AAA	10,847,400
5,290	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1993A, 0.000%, 6/15/15 – FGIC Insured	No Opt. Call	AA-	5,287,990
Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1993A:				
3,590	0.000%, 6/15/15 – FGIC Insured (ETM)	No Opt. Call	AA- (4)	3,589,210
1,160	0.000%, 6/15/15 – FGIC Insured (ETM)	No Opt. Call	AA- (4)	1,159,745
3,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Hospitality Facility, Series 1996A, 7.000%, 7/01/26 (ETM)	No Opt. Call	Aaa	4,003,500
University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013:				
7,625	6.250%, 10/01/38	10/23 at 100.00	A	8,891,284
1,525	6.000%, 10/01/42	10/23 at 100.00	A	1,745,256
130,085	Total Illinois			125,889,816

22 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Indiana – 1.9% (1.3% of Total Investments)				
\$ 2,865	Indiana Finance Authority, Hospital Revenue Bonds, Community Health Network Project, Series 2012A, 5.000%, 5/01/42	5/23 at 100.00	A	\$ 3,099,300
2,500	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2010B., 5.000%, 12/01/37	12/20 at 100.00	AA	2,781,150
1,000	Indiana Finance Authority, Tax-Exempt Private Activity Revenue Bonds, I-69 Section 5 Project, Series 2014: 5.250%, 9/01/40 (Alternative Minimum Tax)	9/24 at 100.00	BBB	1,097,350
9,865	5.000%, 9/01/46 (Alternative Minimum Tax)	9/24 at 100.00	BBB	10,579,127
1,115	Valparaiso, Indiana, Exempt Facilities Revenue Bonds, Pratt Paper LLC Project, Series 2013, 7.000%, 1/01/44 (Alternative Minimum Tax)	1/24 at 100.00	N/R	1,367,570
17,345	Total Indiana			18,924,497
Iowa – 1.1% (0.7% of Total Investments)				
10,000	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C: 5.500%, 6/01/42	6/15 at 100.00	B+	8,825,100
2,000	5.625%, 6/01/46	6/15 at 100.00	B+	1,786,940
12,000	Total Iowa			10,612,040
Kentucky – 2.3% (1.6% of Total Investments)				
3,800	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.500%, 3/01/45	6/20 at 100.00	BBB+	4,365,896
2,120	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Convertible Capital Appreciation Series 2013C: 0.000%, 7/01/43	7/31 at 100.00	Baa3	1,473,018
3,655	0.000%, 7/01/46	7/31 at 100.00	Baa3	2,542,162
2,920	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Series 2013A: 5.750%, 7/01/49	7/23 at 100.00	Baa3	3,314,580
585	6.000%, 7/01/53	7/23 at 100.00	Baa3	671,890
9,195	Lexington-Fayette Urban County Government Public Facilities Corporation, Kentucky State Lease Revenue Bonds, Eastern State Hospital Project, Series 2011A,	6/21 at 100.00	Aa3	10,485,978

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

	5.250%, 6/01/30			
22,275	Total Kentucky			22,853,524
	Louisiana – 4.4% (3.0% of Total Investments)			
2,345	Ascension Parish Industrial development Board, Louisiana, Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.000%, 7/01/36	7/23 at 100.00	N/R	2,553,799
5,200	Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds, East Baton Rouge Sewerage Commission Projects, Subordinate Lien Series 2014A, 5.000%, 2/01/44	2/24 at 100.00	AA–	5,713,448
875	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31	8/15 at 100.00	A+	881,921
1,125	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31 (Pre-refunded 8/15/15)	8/15 at 100.00	N/R (4)	1,141,695
5,800	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	6,048,472
4,305	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2011, 6.750%, 5/15/41	5/21 at 100.00	Baa1	5,108,528
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:			
985	4.750%, 5/01/39 (Pre-refunded 5/01/16) – AGM Insured	5/16 at 100.00	Aa1 (4)	1,028,675
10,105	4.500%, 5/01/41 (Pre-refunded 5/01/16) – FGIC Insured (UB)	5/16 at 100.00	Aa1 (4)	10,527,692
3,730	New Orleans Aviation Board, Louisiana, Revenue Bonds, North Terminal Project, Series 2015B, 5.000%, 1/01/45 (Alternative Minimum Tax)	1/25 at 100.00	A–	4,067,117
5,350	New Orleans, Louisiana, Sewerage Service Revenue Bonds, Refunding Series 2014, 5.000%, 6/01/44	6/24 at 100.00	A	5,886,712
39,820	Total Louisiana			42,958,059

Nuveen Investments 23

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Maine – 0.2% (0.2% of Total Investments)			
\$ 2,000	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Bates College, Series 2013, 5.000%, 7/01/43	7/23 at 100.00	A+	\$ 2,231,020
	Maryland – 1.0% (0.7% of Total Investments)			
2,200	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/27 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	2,256,694
450	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Center, Series 2011, 6.000%, 7/01/25	7/21 at 100.00	BBB	520,020
1,560	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Peninsula Regional Medical Center Issue, Series 2015, 5.000%, 7/01/45	7/24 at 100.00	A	1,713,223
2,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Washington County Hospital, Series 2008, 5.750%, 1/01/33	1/18 at 100.00	BBB	2,152,800
3,465	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 (Pre-refunded 7/01/16) – NPPFG Insured	7/16 at 100.00	AA– (4)	3,640,883
9,675	Total Maryland			10,283,620
	Massachusetts – 4.9% (3.3% of Total Investments)			
4,745	Massachusetts Development Finance Agency Revenue Bonds, Partners HealthCare System Issue, Series 2015-O1, 5.000%, 7/01/45	7/25 at 100.00	AA	5,306,286
825	Massachusetts Development Finance Agency, Revenue Bonds, Boston Medical Center Issue, Green Bonds, Series 2015D, 5.000%, 7/01/44	No Opt. Call	BBB	880,176
545	Massachusetts Development Finance Agency, Revenue Bonds, Boston University, Series 2013X, 5.000%, 10/01/48	10/23 at 100.00	A1	607,784
2,300	Massachusetts Development Finance Agency, Revenue Bonds, Olin College, Series 2013E, 5.000%, 11/01/43	11/23 at 100.00	A+	2,575,172
2,025	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,283,552
700	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A	768,292
2,355	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Series 2005A, 5.000%, 8/15/30	8/15 at 100.00	AA (4)	2,388,300

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

	(Pre-refunded 8/15/15)			
13,000	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 2006-12, 4.375%, 8/01/36	8/16 at 100.00	AAA	13,658,970
	(Pre-refunded 8/01/16)			
370	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.250%, 8/01/25	8/17 at 100.00	Aa1 (4)	407,759
	(Pre-refunded 8/01/17)			
5,590	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.250%, 8/01/25	8/17 at 100.00	AA+	6,139,218
5,535	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB) (5)	2/17 at 100.00	AA+	5,652,674
6,700	Metropolitan Boston Transit Parking Corporation, Massachusetts, Systemwide Senior Lien Parking Revenue Bonds, Series 2011, 5.000%, 7/01/41	7/21 at 100.00	A+	7,383,869
44,690	Total Massachusetts Michigan – 2.2% (1.5% of Total Investments)			48,052,052
2,650	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	BBB+	2,849,413
3,000	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100.00	BB+	3,012,690
3,665	Lansing Board of Water and Light, Michigan, Utility System Revenue Bonds, Series 2011A, 5.500%, 7/01/41	7/21 at 100.00	AA–	4,285,998
1,000	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2011-I-A, 5.375%, 10/15/41	10/21 at 100.00	Aa3	1,156,240
3,275	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31	12/16 at 100.00	AA	3,480,605

24 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Michigan (continued)			
\$725	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 100.00 12/01/31 (Pre-refunded 12/01/16)	12/16 at 100.00	Aa2 (4)	\$ 776,410
5,200	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2009C, 5.000%, 100.00 12/01/48	6/22 at 100.00	AA	5,611,996
850	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100.00	AA-	868,709
20,365	Total Michigan			22,042,061
	Minnesota – 1.8% (1.2% of Total Investments)			
3,000	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Senior Lien Series 2010A, 5.000%, 1/01/35	1/20 at 100.00	AA-	3,407,850
90	Minnesota Agricultural and Economic Development Board, Healthcare System Revenue Bonds, Fairview Hospital and Healthcare Services, Series 1997A, 5.750%, 11/15/26 – NPFG Insured	7/15 at 100.00	AA-	90,203
1,545	St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, Healtheast Inc., Series 2005, 6.000%, 11/15/25	11/15 at 100.00	BBB-	1,579,562
12,005	St. Paul Housing and Redevelopment Authority, Minnesota, Sales Tax Revenue Refunding Bonds, Civic Center Project, Series 1996, 7.100%, 11/01/23 (Pre-refunded 11/01/15) – AGM Insured	11/15 at 103.00	AA (4)	12,749,190
16,640	Total Minnesota			17,826,805
	Missouri – 0.7% (0.4% of Total Investments)			
1,035	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/44	10/22 at 100.00	AA+	1,151,365
500	Hannibal Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Hannibal Regional Hospital, Series 2006, 5.000%, 3/01/22	3/16 at 100.00	BBB+	510,655
	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A:			
1,440	6.000%, 6/01/20	No Opt. Call	A	1,582,560
1,660	5.000%, 6/01/35 (Pre-refunded 6/01/15)	6/15 at 100.00	A (4)	1,666,856
1,260	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, University of Central Missouri, Series 2013C2, 5.000%, 10/01/34	10/23 at 100.00	A	1,419,264

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

5,895	Total Missouri Nebraska – 1.6% (1.1% of Total Investments)			6,330,700
4,775	Omaha Public Power District, Nebraska, Electric System Revenue Bonds, Refunding Subordinated Lien Series 2014CC, 4.000%, 2/01/38	2/24 at 100.00	AA–	4,863,147
1,620	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Tender Option Bond Trust 11673, 20.264%, 8/01/40 – BHAC Insured (IF)	2/17 at 100.00	AA+	2,810,684
7,990	Public Power Generation Agency, Nebraska, Whelan Energy Center Unit 2 Revenue Bonds, Series 2007A, 5.000%, 1/01/37 – AMBAC Insured	1/17 at 100.00	A2	8,392,217
14,385	Total Nebraska Nevada – 4.6% (3.1% of Total Investments)			16,066,048
5,000	Clark County Water Reclamation District, Nevada, General Obligation Water Bonds, Series 2009A, 5.250%, 7/01/38	No Opt. Call	AAA	5,639,350
21,600	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	25,256,232
2,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB	3,119,364
2,600	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Water Series 2012B, 5.000%, 6/01/42	6/22 at 100.00	AA+	2,892,812
7,750	Nevada System of Higher Education, Universities Revenue Bonds, Series 2005B, 5.000%, 7/01/35 (Pre-refunded 1/01/16) – AMBAC Insured	1/16 at 100.00	Aa2 (4)	7,997,922
39,650	Total Nevada			44,905,680

Nuveen Investments 25

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New Jersey – 2.6% (1.8% of Total Investments)			
\$ 485	New Jersey Economic Development Authority, Private Activity Bonds, The Goethals Bridge Replacement Project, Series 2013, 5.125%, 7/01/42 – AGM Insured (Alternative Minimum Tax)	1/24 at 100.00	AA	\$ 532,627
	New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005P:			
3,655	5.250%, 9/01/24 (Pre-refunded 9/01/15)	9/15 at 100.00	A– (4)	3,716,879
2,000	5.250%, 9/01/26 (Pre-refunded 9/01/15)	9/15 at 100.00	A– (4)	2,033,860
300	New Jersey Educational Facilities Authority, Revenue Bonds, University of Medicine and Dentistry of New Jersey, Refunding Series 2009B, 7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (4)	374,868
800	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37	7/18 at 100.00	BB+	833,616
3,850	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call	A–	4,322,357
7,330	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2011B, 5.500%, 6/15/31	6/21 at 100.00	A–	8,131,609
1,315	New Jersey Turnpike Authority, Revenue Bonds, Tender Option Bond Trust 1154, 17.041%, 1/01/43 (IF) (5)	7/22 at 100.00	A+	1,838,041
	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A:			
1,350	4.500%, 6/01/23	6/17 at 100.00	BB	1,352,619
1,000	4.625%, 6/01/26	6/17 at 100.00	B+	965,860
2,000	4.750%, 6/01/34	6/17 at 100.00	B2	1,550,960
24,085	Total New Jersey			25,653,296
	New Mexico – 0.7% (0.5% of Total Investments)			
5,585	Santa Fe County, New Mexico, Correctional System Gross Receipts Tax Revenue Bonds, Series 1997, 6.000%, 2/01/27 – AGM Insured	No Opt. Call	AA	6,795,772
	New York – 10.4% (7.1% of Total Investments)			
	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays			

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

Center Project, Series 2009:				
2,000	6.000%, 7/15/30	1/20 at 100.00	BBB-	2,331,740
5,000	0.000%, 7/15/44	No Opt. Call	BBB-	1,256,450
2,070	Buffalo and Erie County Industrial Land Development Corporation, New York, Revenue Bonds, Catholic Health System, Inc. Project, Series 2015, 4.000%, 7/01/45	7/25 at 100.00	BBB+	1,997,736
3,125	Dormitory Authority of the State of New York, General Revenue Bonds, Saint Johns University, Series 2013A, 5.000%, 7/01/44	7/23 at 100.00	A-	3,476,531
4,800	Dormitory Authority of the State of New York, Revenue Bonds, New York University, Series 2012A, 5.000%, 7/01/42	7/22 at 100.00	AA-	5,334,768
Dormitory Authority of the State of New York, Revenue Bonds, Rochester Institute of Technology, Series 2012:				
1,100	5.000%, 7/01/38	No Opt. Call	A1	1,214,774
1,500	5.000%, 7/01/42	No Opt. Call	A1	1,653,495
5,325	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose Series 2011C, 5.000%, 3/15/41	3/21 at 100.00	AAA	5,891,527
7,065	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPFPG Insured	2/17 at 100.00	AA-	7,375,577
10,000	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006C, 5.000%, 9/01/35 – NPFPG Insured	9/16 at 100.00	AA-	10,511,100
Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2014A:				
1,155	4.000%, 9/01/39 – AGM Insured	9/24 at 100.00	AA	1,171,147
860	5.000%, 9/01/44	9/24 at 100.00	A-	945,398
10,000	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Refunding Series 2012A, 0.000%, 11/15/32	No Opt. Call	AA	5,402,500
3,900	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005B, 5.000%, 11/15/30 – AMBAC Insured	11/15 at 100.00	AA-	3,993,717

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New York (continued)			
\$ 5,780	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005F, 5.000%, 11/15/30	11/15 at 100.00	AA-\$	5,918,893
750	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	AA-	823,440
3,400	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43	12/20 at 100.00	AA+	4,004,622
5,900	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2014 Series BB, 5.000%, 6/15/46	6/23 at 100.00	AA+	6,584,990
5	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/24	No Opt. Call	AA	5,020
11,515	New York Convention Center Development Corporation, Hotel Unit Fee Revenue Bonds, Series 2005, 5.000%, 11/15/44 – AMBAC Insured	11/15 at 100.00	AA+	11,788,712
670	New York Counties Tobacco Trust I, Tobacco Settlement Pass-Through Bonds, Series 2000B, 6.500%, 6/01/35	7/15 at 100.00	A-	670,087
5,070	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44	11/24 at 100.00	N/R	5,300,837
6,000	New York Liberty Development Corporation, Revenue Bonds, Goldman Sachs Headquarters Issue, Series 2005, 5.250%, 10/01/35	No Opt. Call	A	7,067,400
1,310	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Seventy Eighth Series 2013, 5.000%, 12/01/43 (Alternative Minimum Tax)	12/23 at 100.00	AA-	1,434,254
4,320	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Seventy Ninth Series 2013, 5.000%, 12/01/38	12/23 at 100.00	AA-	4,899,658
1,325	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	1,562,321
103,945	Total New York			102,616,694
	North Carolina – 2.1% (1.4% of Total Investments)			
2,850	Charlotte-Mecklenburg Hospital Authority, North Carolina, Carolinas HealthCare System Revenue Bonds, Series 2008, Trust 1149, 15.272%, 7/15/32 (IF) (5)	1/18 at 100.00	AA-	3,315,662
1,050	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas	1/17 at 100.00	AA-	1,107,708

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

	Health Care, Series 2007A, 5.000%, 1/15/31			
12,250	Fayetteville State University, North Carolina, General Revenue Bonds, Series 2013A, 5.125%, 4/01/43	4/23 at 100.00	A-	13,394,517
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 100.00	N/R	1,000,990
2,060	Wake County Industrial Facilities and Pollution Control Financing Authority, North Carolina, Pollution Control Revenue Refunding Bonds, Duke Energy Progress, Inc. Project, Series 2013, 4.000%, 6/01/41	6/23 at 100.00	Aa2	2,107,977
19,210	Total North Carolina			20,926,854
	Ohio – 5.5% (3.8% of Total Investments)			
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:			
5,200	5.125%, 6/01/24	6/17 at 100.00	B-	4,436,328
2,850	5.875%, 6/01/30	6/17 at 100.00	B-	2,417,370
6,345	5.750%, 6/01/34	6/17 at 100.00	B-	5,178,028
3,285	5.875%, 6/01/47	6/17 at 100.00	B	2,719,224
4,795	Fairfield County, Ohio, Hospital Facilities Revenue Bonds, Fairfield Medical Center Project, Series 2013, 5.000%, 6/15/43	6/23 at 100.00	Baa2	5,109,216
16,820	JobsOhio Beverage System, Ohio, Statewide Liquor Profits Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38 (UB) (5)	1/23 at 100.00	AA	18,694,589
975	JobsOhio Beverage System, Ohio, Statewide Senior Lien Liquor Profits Revenue Bonds, Tender Option Bond Trust 1157, 17.107%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	1,409,655

Nuveen Investments 27

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Ohio (continued)			
\$ 1,000	Ohio Higher Educational Facilities Commission, Revenue Bonds, University of Dayton, Refunding Series 2011A, 5.375%, 12/01/30	12/20 at 100.00	A	\$ 1,153,080
4,350	Ohio Higher Educational Facilities Commission, Revenue Bonds, University of Dayton, Series 2015A, 5.000%, 12/01/44	6/25 at 100.00	A	4,837,809
5,000	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.000%, 2/15/48	2/23 at 100.00	A+	5,539,500
3,710	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Projects, Junior Lien Convertible Series 2013A-3, 0.000%, 2/15/36	2/31 at 100.00	A+	3,016,378
54,330	Total Ohio			54,511,177
	Oklahoma – 2.4% (1.7% of Total Investments)			
1,050	Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2005, 5.375%, 9/01/36	9/16 at 100.00	BBB–	1,088,829
3,500	Oklahoma Capitol Improvement Authority, State Facilities Revenue Bonds, Series 2005F, 5.000%, 7/01/24 (Pre-refunded 7/01/15) – AMBAC Insured	7/15 at 100.00	AA (4)	3,528,280
6,690	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007: 5.000%, 2/15/37	2/17 at 100.00	AA	6,985,832
1,305	5.000%, 2/15/42	2/17 at 100.00	AA	1,359,901
150	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007: 5.000%, 2/15/37 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	161,736
30	5.000%, 2/15/42 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	32,347
10,035	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)	12/16 at 100.00	AA+	10,661,786
143	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Tender Option Bond Trust 3500, 8.520%, 6/15/30 (IF)	12/16 at 100.00	AA+	159,239
22,903	Total Oklahoma			23,977,950
4,530	Pennsylvania – 4.0% (2.7% of Total Investments)			
			AA–	5,272,331

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

	Allegheny County, Pennsylvania, General Obligation Bonds, Series 2011C-65, 5.375%, 5/01/31	5/21 at 100.00		
980	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB-	986,566
	Lehigh County Authority, Pennsylvania, Water and Sewer Capital Appreciation Revenue Bonds, City of Allentown Concession, Series 2013B:			
5,400	0.000%, 12/01/33	No Opt. Call	A	2,363,634
11,000	0.000%, 12/01/38	No Opt. Call	A	3,776,080
5,375	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, City of Allentown Concession, Series 2013A, 5.125%, 12/01/47	12/23 at 100.00	A	6,056,174
1,665	Montgomery County Industrial Development Authority, Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Series 2010, 5.375%, 8/01/38	8/20 at 100.00	AA	1,891,290
235	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Bonds, National Gypsum Company, Refunding Series 2014, 5.500%, 11/01/44 (Alternative Minimum Tax)	11/24 at 100.00	N/R	242,205
1,000	Pennsylvania State University, General Revenue Bonds, Series 2005, 5.000%, 9/01/29	9/15 at 100.00	AA	1,015,050
5,250	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Subordinate Special Revenue Bonds, Series 2010A, 0.000%, 12/01/34	12/20 at 100.00	AA-	5,556,705
2,625	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2006A, 5.000%, 12/01/26 – AMBAC Insured	6/16 at 100.00	A+	2,749,478
	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, General Ordinance, Fifth Series 2004A-1:			
4,505	5.000%, 9/01/21 – AGM Insured	7/15 at 100.00	AA	4,521,849
4,735	5.000%, 9/01/22 – AGM Insured	7/15 at 100.00	AA	4,752,283
47,300	Total Pennsylvania			39,183,645

28 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Puerto Rico – 0.2% (0.1% of Total Investments)			
	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A:			
\$ 300	0.000%, 8/01/44 – NPMFG Insured	No Opt. Call	AA-\$	43,455
75	0.000%, 8/01/45 – NPMFG Insured	No Opt. Call	AA-	10,169
325	0.000%, 8/01/46 – NPMFG Insured	No Opt. Call	AA-	41,249
1,330	0.000%, 8/01/47 – AMBAC Insured	No Opt. Call	B	154,120
25,560	0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	B	1,799,935
27,590	Total Puerto Rico			2,048,928
	Rhode Island – 0.8% (0.6% of Total Investments)			
7,230	Rhode Island Health and Educational Building Corporation, Higher Education Facility Revenue Bonds, Brown University, Series 2013, 5.000%, 9/01/43	9/23 at 100.00	AA+	8,209,303
	South Carolina – 1.8% (1.2% of Total Investments)			
875	South Carolina Jobs-Economic Development Authority, Hospital Revenue Bonds, Palmetto Health, Refunding Series 2011A, 6.500%, 8/01/39 – AGM Insured	8/21 at 100.00	AA	1,061,156
11,880	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding Series 2014C, 5.000%, 12/01/46	12/24 at 100.00	AA-	13,172,544
2,880	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2013A, 5.125%, 12/01/43	12/23 at 100.00	AA-	3,218,314
15,635	Total South Carolina			17,452,014
	Tennessee – 2.2% (1.5% of Total Investments)			
3,600	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	A+	3,978,324
2,565	Harpeth Valley Utilities District, Davidson and Williamson Counties, Tennessee, Utilities Revenue Bonds, Series 2012A, 4.000%, 9/01/42	9/22 at 100.00	AA	2,667,472
6,400	Johnson City Health and Educational Facilities Board, Tennessee, Revenue Bonds, Mountain States Health Alliance, Series 2006A, 5.500%, 7/01/36	7/16 at 100.00	BBB+	6,706,240
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 31.68	A	1,733,437
5,000	Metropolitan Government of Nashville-Davidson County Health and Educational Facilities Board, Tennessee, Revenue Bonds, Vanderbilt University, Refunding Series 2009B, 5.000%, 10/01/39	10/19 at 100.00	AA+	5,687,550

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

410	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100.00	BBB+	425,424
24,075	Total Tennessee Texas – 18.1% (12.4% of Total Investments)			21,198,447
3,040	Austin, Texas, Airport System Revenue Bonds, Series 2015, 5.000%, 11/15/44 (Alternative Minimum Tax)	11/24 at 100.00	A1	3,337,282
5,000	Austin, Texas, Water and Wastewater System Revenue Bonds, Refunding Series 2013A, 5.000%, 11/15/43	5/23 at 100.00	AA	5,599,750
8,765	Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36	2/17 at 100.00	AAA	8,920,579
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) (7)	7/15 at 100.00	C	134,375
2,500	Capital Area Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, The Roman Catholic Diocese of Austin, Series 2005B. Remarketed, 6.125%, 4/01/45	4/20 at 100.00	Baa1	2,884,950
765	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Refunding Series 2013A, 5.000%, 1/01/43	1/23 at 100.00	BBB	831,371
3,380	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.250%, 1/01/46	1/21 at 100.00	BBB	3,945,744

Nuveen Investments 29

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 2,500	Colorado River Municipal Water District, Texas, Water System Revenue Bonds, Series 2011, 5.000%, 1/01/36	1/21 at 100.00	AA-\$	2,773,525
8,100	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Improvement Series 2013C, 5.125%, 11/01/43 (Alternative Minimum Tax)	11/22 at 100.00	A+	8,794,899
3,500	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding Series 2010A, 5.000%, 11/01/42	11/20 at 100.00	A+	3,813,180
9,000	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Series 2012H, 5.000%, 11/01/42 (Alternative Minimum Tax)	No Opt. Call	A+	9,617,130
4,105	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Tender Option Bond Trust 2013-9A, 17.853%, 4/01/53 (IF)	10/23 at 100.00	AA+	5,599,795
	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Capital Appreciation Refunding Senior Lien Series 2014A:			
510	0.000%, 11/15/41 – AGM Insured	11/31 at 62.66	AA	150,042
1,020	0.000%, 11/15/42 – AGM Insured	11/31 at 59.73	AA	284,866
1,255	0.000%, 11/15/43 – AGM Insured	11/31 at 56.93	AA	335,361
3,305	0.000%, 11/15/44 – AGM Insured	11/31 at 54.25	AA	831,307
4,460	0.000%, 11/15/45 – AGM Insured	11/31 at 51.48	AA	1,062,015
380	Houston, Texas, Airport System Special Facilities Revenue Bonds, United Airlines, Inc. Terminal E Project, Refunding Series 2014, 5.000%, 7/01/29	7/24 at 100.00	B+	404,464
4,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2011D, 5.000%, 11/15/40	11/21 at 100.00	AA	4,436,320
13,975	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Series 2007A, 4.750%, 8/01/43 (UB)	8/16 at 100.00	AAA	14,596,748
	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005:			
2,000	5.250%, 8/15/21	2/16 at 100.00	BBB	2,041,440

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

2,800	5.125%, 8/15/26	2/16 at 100.00	BBB	2,844,352
4,000	Love Field Airport Modernization Corporation, Texas, Special Facilities Revenue Bonds, Southwest Airlines Company, Series 2010, 5.250%, 11/01/40	11/20 at 100.00	BBB	4,359,720
75	Lower Colorado River Authority, Texas, Revenue Bonds, Refunding Series 2003, 5.250%, 5/15/24 – AMBAC Insured	No Opt. Call	A	75,282
5,420	Lower Colorado River Authority, Texas, Revenue Bonds, Refunding Series 2012A, 5.000%, 5/15/39 North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A:	No Opt. Call	A	5,976,742
2,070	0.000%, 9/01/43	9/31 at 100.00	AA+	1,882,479
8,470	0.000%, 9/01/45	9/31 at 100.00	AA+	8,474,828
6,135	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2008F, 5.750%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A3 (4)	6,901,507
11,000	Pearland Independent School District, Brazoria County, Texas, General Obligation Bonds, Tender Option Bond Trust 1124, 7.628%, 8/15/26 (IF)	2/17 at 100.00	AAA	11,981,750
2,000	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Electric Company, Series 2001C, 5.200%, 5/01/28 (7)	11/15 at 100.00	C	125,000
12,130	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA	12,740,624
1,000	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/31	No Opt. Call	A3	1,096,780
2,195	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners Segments 3 Segments 3A & 3B Facility, Series 2013, 6.750%, 6/30/43 (Alternative Minimum Tax)	9/23 at 100.00	BBB-	2,672,193

30 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$2,985	Texas State, General Obligation Bonds, Series 2008, Trust 4/17 at 3213, 13.624%, 4/01/28 (IF)	100.00	AAA	\$ 4,596,721
2,710	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2015B, 5.000%, 8/15/37	8/24 at 100.00	A-	3,057,449
10,000	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C, 5.000%, 8/15/42	8/24 at 100.00	BBB+	10,793,300
21,170	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/24 € Call AMBAC Insured	No Opt.	A-	15,738,836
3,830	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/24 € Call AMBAC Insured (ETM)	No Opt.	A3 (4)	3,097,934
2,200	Tomball Hospital Authority, Texas, Hospital Revenue Bonds, Tomball Regional Hospital, Series 2005, 5.000%, 7/01/20 (Pre-refunded 7/01/15)	7/15 at 100.00	Aaa	2,217,732
183,900	Total Texas			179,028,372
	Utah – 0.9% (0.6% of Total Investments)			
4,500	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2008A, 5.250%, 6/15/38 (Pre-refunded 6/15/18)	6/18 at 100.00	AAA	5,091,840
3,000	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2008A, 5.000%, 6/15/36 (Pre-refunded 6/15/18) – AGM Insured	6/18 at 100.00	AAA	3,371,520
7,500	Total Utah			8,463,360
	Virginia – 1.6% (1.1% of Total Investments)			
5,000	Metropolitan Washington Airports Authority, Virginia, Airport System Revenue Bonds, Series 2010A, 5.000%, 10/01/39	10/20 at 100.00	AA-	5,695,550
5,625	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital Improvement Project, Refunding Second Senior Lien Series 2014A, 5.000%, 10/01/53	4/22 at 100.00	BBB+	5,936,906
1,070	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, 95 Express Lanes LLC Project, Series 2012, 5.000%, 1/01/40 (Alternative Minimum Tax)	1/22 at 100.00	BBB-	1,140,096
3,020	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012, 5.500%, 1/01/42 (Alternative Minimum Tax)	7/22 at 100.00	BBB-	3,302,702
14,715	Total Virginia			16,075,254
	Washington – 4.5% (3.1% of Total Investments)			
10,000	Spokane Public Facilities District, Washington, Hotel, Motel, and Sales Use Tax Revenue Bonds, Series 2013A,	6/23 at 100.00	A+	10,785,000

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

	5.000%, 5/01/43			
4,195	Washington Health Care Facilities Authority, Revenue Bonds, Kadlec Regional Medical Center, Series 2010, 5.500%, 12/01/39 (Pre-refunded 12/01/20)	12/20 at 100.00	N/R (4)	5,089,793
11,500	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Series 2015A , 5.000%, 10/01/45 (UB)	4/25 at 100.00	Aa2	12,893,915
6,480	Washington State, Motor Vehicle Fuel Tax General Obligation Bonds, Series 2002-03C, 0.000%, 6/01/24 – NPFIC Insured	No Opt. Call	AA+	5,167,800
11,050	Washington, General Obligation Bonds, Series 2000S-5, 0.000%, 1/01/20 – FGIC Insured	No Opt. Call	AA+	10,278,931
43,225	Total Washington			44,215,439

Nuveen Investments 31

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

NPI Nuveen Premium Income Municipal Fund, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Wisconsin – 1.0% (0.7% of Total Investments)				
\$ 1,415	Monroe Redevelopment Authority, Wisconsin, Development Revenue Bonds, The Monroe Clinic, Inc., Series 2009, 5.875%, 2/15/39	2/19 at 100.00	A3	\$ 1,569,348
410	Public Finance Authority of Wisconsin, Exempt Facilities Revenue Bonds, National Gypsum Company Project, Refunding Series 2014, 5.250%, 4/01/30 (Alternative Minimum Tax)	11/24 at 100.00	N/R	419,516
890	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Divine Savior Healthcare, Series 2006, 5.000%, 5/01/32	5/16 at 100.00	BBB–	913,594
4,995	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of Christian Charity HealthCare Ministry, Series 2007, 5.000%, 9/01/33	9/17 at 100.00	BBB+	5,183,611
2,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006A, 5.250%, 8/15/34	8/16 at 100.00	A–	2,061,140
9,710	Total Wisconsin			10,147,209
Wyoming – 0.4% (0.2% of Total Investments)				
3,400	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds, FMC Corporation, Series 2005, 5.600%, 12/01/35 (Alternative Minimum Tax)	12/15 at 100.00	BBB+	3,483,130
\$ 1,436,093	Total Municipal Bonds (cost \$1,336,959,501)			1,437,976,193

Principal Amount (000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
CORPORATE BONDS – 0.0% (0.0% of Total Investments)					
Transportation – 0.0% (0.0% of Total Investments)					
\$ 287	Las Vegas Monorail Company, Senior Interest Bonds (8), (9)	5.500%	7/15/19	N/R	\$ 51,646
76	Las Vegas Monorail Company, Senior Interest Bonds (8), (9)	3.000%	7/15/55	N/R	10,206
\$ 363	Total Corporate Bonds (cost \$32,564)				61,852
	Total Long-Term Investments (cost \$1,336,992,065)				1,438,038,045

Principal Optional Call

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

Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	SHORT-TERM INVESTMENTS – 0.6% (0.4% of Total Investments)			
	MUNICIPAL BONDS – 0.6% (0.4% of Total Investments)			
	California – 0.6% (0.4% of Total Investments)			
\$ 5,090	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014A, 6.000%, 7/10/15 (8)	No Opt. Call	N/R	\$ 5,112,192
495	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014B, 6.000%, 7/10/15 (8)	No Opt. Call	N/R	497,158
755	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014C, 6.000%, 7/10/15 (8)	No Opt. Call	N/R	758,292
\$ 6,340	Total California			6,367,642
	Total Short-Term Investments (cost \$6,340,000)			6,367,642
	Total Investments (cost \$1,343,332,065) – 146.2%			1,444,405,687
	Floating Rate Obligations – (7.1)%			(70,409,000)
	Variable Rate MuniFund Term Preferred Shares, at Liquidation Value – (41.2)% (10)			(407,000,000)
	Other Assets Less Liabilities – 2.1%			20,857,682
	Net Assets Applicable to Common Shares – 100%			\$ 987,854,369

32 Nuveen Investments

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
 - (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
 - (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
 - (6) On May 7, 2015, the Fund's Adviser determined it was unlikely that this borrower would fulfill its entire obligation on this security, and therefore reduced the security's interest rate of accrual from 5.250% to 2.100%.
 - (7) As of, or subsequent to, the end of the reporting period this security is non-income producing. Non-income producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has ceased accruing additional income on the Fund's records.
 - (8) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board. For fair value measurement disclosure purposes, investment classified as Level 3. See Notes to Financial Statements, Note 2 – Investment Valuation and Fair Value Measurements for more information.
 - (9) During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund's custodian is not accruing income on the Fund's records for either senior interest corporate bond.
 - (10) Variable Rate MuniFund Term Preferred Shares, at Liquidation Value as a percentage of Total Investments is 28.2%.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial Statements, Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
Portfolio of Investments April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 148.7% (99.9% of Total Investments)			
	MUNICIPAL BONDS – 148.7% (99.9% of Total Investments)			
	Alabama – 2.4% (1.6% of Total Investments)			
\$ 6,995	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2, 5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+	\$ 7,400,920
	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A:			
3,500	5.250%, 11/15/20	11/15 at 100.00	Baa2	3,557,645
1,000	5.000%, 11/15/30	11/15 at 100.00	Baa2	1,003,610
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 100.00	AA+	12,582,960
1,960	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25 (Pre-refunded 6/01/15)	6/15 at 100.00	BBB (4)	1,968,036
25,455	Total Alabama			26,513,171
	Alaska – 0.1% (0.1% of Total Investments)			
1,000	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	7/15 at 100.00	B2	876,880
	Arizona – 1.4% (0.9% of Total Investments)			
	Glendale Industrial Development Authority, Arizona, Revenue Bonds, John C. Lincoln Health Network, Series 2005B:			
200	5.250%, 12/01/24 (Pre-refunded 12/01/15)	12/15 at 100.00	N/R (4)	205,874
265	5.250%, 12/01/25 (Pre-refunded 12/01/15)	12/15 at 100.00	N/R (4)	272,783
5,000	Phoenix Civic Improvement Corporation, Arizona, Revenue Bonds, Civic Plaza Expansion Project, Series 2005B, 5.500%, 7/01/40 – FGIC Insured	No Opt. Call	AA	6,388,350
7,550	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	A–	8,592,579

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

13,015	Total Arizona California – 17.0% (11.4% of Total Investments)				15,459,586
3,765	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2013S-4, 5.250%, 4/01/53	4/23 at 100.00	A+		4,263,749
10,000	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2014F-1, 5.000%, 4/01/54	4/24 at 100.00	AA		10,971,700
	California Educational Facilities Authority, Revenue Refunding Bonds, Loyola Marymount University, Series 2001A:				
3,255	0.000%, 10/01/23 – NPMFG Insured	No Opt. Call	A2		2,592,770
5,890	0.000%, 10/01/24 – NPMFG Insured	No Opt. Call	A2		4,498,193
7,615	0.000%, 10/01/25 – NPMFG Insured	No Opt. Call	A2		5,590,933
3,330	California Health Facilities Financing Authority, Refunding Revenue Bonds, Stanford Hospital and Clinics, Series 2008A-2. RMKT, 5.250%, 11/15/40	11/21 at 100.00	AA		3,890,372
3,740	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100.00	AA–		3,829,049
10,000	California Health Facilities Financing Authority, Revenue Bonds, Lucile Salter Packard Children’s Hospital, Series 2012A, 5.000%, 8/15/51	8/22 at 100.00	AA		11,018,299
2,550	California Health Facilities Financing Authority, Revenue Bonds, Providence Health & Services, Series 2009B, 5.500%, 10/01/39	10/19 at 100.00	AA		2,939,666
2,500	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA–		2,627,350

34 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
California (continued)				
California State, Economic Recovery Revenue Bonds, Refunding Series 2009A:				
\$ 2,540	5.250%, 7/01/21 (Pre-refunded 7/01/19)	7/19 at 100.00	Aaa	\$ 2,965,552
1,460	5.250%, 7/01/21 (Pre-refunded 7/01/19)	7/19 at 100.00	Aaa	1,704,608
20,000	California State, General Obligation Bonds, Various Purpose Series 2009, 6.000%, 11/01/39	11/19 at 100.00	Aa3	23,914,200
1,000	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.000%, 7/01/39	7/15 at 100.00	CCC	905,040
5,355	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.571%, 5/15/40 (IF)	5/18 at 100.00	AA-	7,612,829
1,900	Chula Vista, California, Industrial Development Revenue Bonds, San Diego Gas and Electric Company, Series 1996A, 5.300%, 7/01/21	6/16 at 100.00	A1	1,945,866
1,665	Contra Costa Community College District, Contra Costa County, California, General Obligation Bonds, Election of 2006, Series 2013, 5.000%, 8/01/38	8/23 at 100.00	Aa1	1,892,422
2,500	Fontana Public Financing Authority, California, Tax Allocation Revenue Bonds, North Fontana Redevelopment Project, Series 2005A, 5.000%, 10/01/23 – AMBAC Insured	10/15 at 100.00	A	2,547,175
Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A:				
1,840	5.750%, 1/15/46	1/24 at 100.00	BBB-	2,143,839
3,840	6.000%, 1/15/49	1/24 at 100.00	BBB-	4,545,523
30,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 0.000%, 1/01/21 (ETM)	No Opt. Call	Aaa	27,555,300
1,385	Fullerton Public Financing Authority, California, Tax Allocation Revenue Bonds, Series 2005, 5.000%, 9/01/27 – AMBAC Insured	9/15 at 100.00	A	1,395,443
Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:				
5,910	4.500%, 6/01/27	6/17 at 100.00	B	5,752,321
1,345	5.000%, 6/01/33	6/17 at 100.00	B	1,133,405

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

1,000	5.750%, 6/01/47	6/17 at 100.00	B	869,390
3,850	Grossmont Healthcare District, California, General Obligation Bonds, Series 2011B, 6.125%, 7/15/40	7/21 at 100.00	Aa2	4,745,549
10,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2011A, 5.000%, 7/01/41	1/21 at 100.00	AA	11,112,300
3,775	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/43	8/35 at 100.00	AA	2,562,319
	Perris, California, Special Tax Bonds, Community Facilities District 2001-1, May Farms Improvement Area 4, Series 2005A:			
1,420	5.000%, 9/01/25	9/15 at 102.00	N/R	1,456,182
435	5.100%, 9/01/30	9/15 at 102.00	N/R	445,897
370	Riverside County Transportation Commission, California, Toll Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/44	6/23 at 100.00	BBB-	423,691
	San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006:			
250	5.000%, 9/01/21	9/15 at 102.00	Baa1	256,830
275	5.000%, 9/01/23	9/15 at 102.00	Baa1	282,021
2,220	San Diego Redevelopment Agency, California, Subordinate Lien Tax Allocation Bonds, Centre City Project, Series 2004A, 5.000%, 9/01/20 – SYNCORA GTY Insured	7/15 at 100.00	AA-	2,228,325
	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2014A:			
4,020	5.000%, 1/15/44	1/25 at 100.00	BBB-	4,418,663
12,415	5.000%, 1/15/50	1/25 at 100.00	BBB-	13,529,122
6,000	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2004A, 5.250%, 8/01/19 – NPFPG Insured	7/15 at 100.00	AA-	6,024,660
179,415	Total California			186,590,553

Nuveen Investments 35

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Colorado – 4.3% (2.9% of Total Investments)			
\$ 1,250	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2013A, 5.375%, 12/01/33	12/23 at 100.00	BBB	\$ 1,414,063
115	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2014, 5.000%, 12/01/43	12/23 at 100.00	BB+	119,587
	Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005:			
1,745	5.250%, 6/01/23	6/16 at 100.00	A3	1,808,884
475	5.000%, 6/01/29	6/16 at 100.00	A3	487,944
11,140	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 5.000%, 11/15/37	11/22 at 100.00	A+	12,513,673
4,840	Denver City and County, Colorado, Airport System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	5,390,840
6,925	Denver Convention Center Hotel Authority, Colorado, Revenue Bonds, Convention Center Hotel, Senior Lien Series 2006, 5.125%, 12/01/25 – SYNCORA GTY Insured	11/16 at 100.00	BBB–	7,284,338
630	Regional Transportation District, Colorado, Certificates of Participation, Series 2010A, 5.375%, 6/01/31	6/20 at 100.00	Aa3	723,127
400	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010, 6.000%, 1/15/41	7/20 at 100.00	Baa3	457,132
14,500	University of Colorado, Enterprise System Revenue Bonds, Series 2014A, 5.000%, 6/01/46	6/24 at 100.00	AA+	16,433,285
42,020	Total Colorado			46,632,873
	Delaware – 0.1% (0.1% of Total Investments)			
1,000	Delaware Health Facilities Authority, Revenue Bonds, Christiana Care Health Services Inc., Series 2010A, 5.000%, 10/01/40 – NPMFG Insured	10/20 at 100.00	AA	1,113,610
	District of Columbia – 0.6% (0.4% of Total Investments)			
5,000	District of Columbia, Revenue Bonds, Georgetown University, Series 2007A, 0.000%, 4/01/40 – AMBAC Insured	4/21 at 100.00	A–	4,547,800
1,335	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1606, 11.676%, 10/01/30 – AMBAC Insured	10/16 at 100.00	AA+	1,524,290

(IF) (5)				
6,335	Total District of Columbia Florida – 17.9% (12.0% of Total Investments)			6,072,090
490	Bradford County Health Facility Authority, Florida, Revenue Refunding Bonds, Santa Fe Healthcare Inc., Series 1993, 6.050%, 11/15/16 (ETM)	No Opt. Call	AA+ (4)	514,686
590	Broward County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Emerald Palms Apartments, Series 2001A, 5.600%, 7/01/21 (Alternative Minimum Tax)	5/15 at 100.00	Aaa	591,328
1,275	Broward County, Florida, Airport System Revenue Bonds, Series 2004L, 5.000%, 10/01/23 – AMBAC Insured	7/15 at 100.00	A+	1,280,024
2,000	Broward County, Florida, Water and Sewer System Revenue Bonds, Series 2009A, 5.250%, 10/01/34	10/18 at 100.00	AA+	2,233,620
650	Cape Coral, Florida, Water and Sewer Revenue Bonds, Series 2006, 5.000%, 10/01/36 – AMBAC Insured	10/16 at 100.00	A1	684,437
3,010	Cocoa, Florida, Water and Sewerage System Revenue Bonds, Refunding Series 2003, 5.500%, 10/01/23 – AMBAC Insured	No Opt. Call	AA	3,539,700
4,230	Flagler County, Florida, Capital Improvement Revenue Bonds, Series 2005, 5.000%, 10/01/30 (Pre-refunded 10/01/15) – NPMFG Insured	10/15 at 100.00	AA– (4)	4,315,150
280	Florida Housing Finance Agency, Homeowner Mortgage Revenue Bonds, Series 1997-2, 5.900%, 7/01/29 – NPMFG Insured (Alternative Minimum Tax)	7/15 at 100.00	AA+	281,764
455	Florida Housing Finance Corporation, Homeowner Mortgage Revenue Bonds, Series 2006-6, 4.625%, 7/01/31 (Alternative Minimum Tax)	1/16 at 100.00	AA+	457,061
	Florida Municipal Loan Council, Revenue Bonds, Series 2000B:			
1,040	0.000%, 11/01/25 – NPMFG Insured	No Opt. Call	AA–	708,354
1,590	0.000%, 11/01/26 – NPMFG Insured	No Opt. Call	AA–	1,029,255
110	Florida Municipal Loan Council, Revenue Bonds, Series 2003A, 5.000%, 5/01/22 – NPMFG Insured	No Opt. Call	AA–	110,266

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Florida (continued)			
\$ 14,985	Florida State Board of Education, State University System Revenue Bonds, Series 2006A, 5.000%, 7/01/30 – FGIC Insured (UB)	7/15 at 101.00	AA	\$ 15,245,140
5,980	Florida State Department of Management Services, Certificates of Participation, Series 2006A, 5.000%, 8/01/23 (Pre-refunded 8/01/15) – NPFPG Insured	8/15 at 101.00	AA+ (4)	6,112,517
1,500	Florida Water Pollution Control Financing Corporation, Revolving Fund Revenue Bonds, Series 2009A, 5.000%, 1/15/29	1/19 at 100.00	AAA	1,693,695
	Halifax Hospital Medical Center, Florida, Revenue Bonds, Series 2006:			
1,720	5.500%, 6/01/38 – AGM Insured	6/18 at 100.00	AA	1,883,572
6,645	5.375%, 6/01/46	6/16 at 100.00	A–	6,864,086
5,000	Hernando County, Florida, Revenue Bonds, Criminal Justice Complex Financing Program, Series 1986, 7.650%, 7/01/16 – FGIC Insured	No Opt. Call	AA–	5,401,150
2,170	Hillsborough County, Florida, Revenue Refunding Bonds, Tampa Bay Arena, Series 2005, 5.000%, 10/01/25 – FGIC Insured	10/15 at 100.00	AA+	2,213,877
3,500	Lee Memorial Health System, Florida, Hospital Revenue Bonds, Series 2007A, 5.000%, 4/01/32 – NPFPG Insured	4/17 at 100.00	AA–	3,673,005
1,970	Miami-Dade County School Board, Florida, Certificates of Participation, Series 2006B, 5.000%, 11/01/31 (Pre-refunded 11/01/16) – AMBAC Insured	11/16 at 100.00	A1 (4)	2,101,557
5,000	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2009A, 5.500%, 10/01/41	10/19 at 100.00	A	5,713,250
4,000	Miami-Dade County, Florida, General Obligation Bonds, Build Better Communities Program, Series 2009-B1, 5.625%, 7/01/38	7/18 at 100.00	AA	4,508,160
11,300	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Series 2008, 5.000%, 7/01/35 – AGM Insured	7/18 at 100.00	AA	12,392,484
575	Osceola County Industrial Development Authority, Florida, Industrial Development Revenue Bonds, P.M. Wells Charter School Project, Series 2001A, 5.000%, 8/01/23 – NPFPG Insured	7/15 at 100.00	AA–	575,920
115	Palm Beach County Health Facilities Authority, Florida, Revenue Bonds, Sinai Residences of Boca Raton Project, Series 2014A, 7.250%, 6/01/34	6/22 at 102.00	N/R	131,093
3,000	Palm Beach County School Board, Florida, Certificates of Participation, Series 2007E, 5.000%, 8/01/27	8/17 at 100.00	AA– (4)	3,285,870

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

(Pre-refunded 8/01/17) – NPFG Insured				
6,090	Palm Beach County School Board, Florida, Certificates of Participation, Tender Option Bond Trust 2089, 13.201%, 8/01/26 (Pre-refunded 8/01/16) – AGM Insured (IF)	8/16 at 100.00	AA (4)	7,281,447
4,490	Palm Beach County, Florida, Public Improvement Revenue Bonds, Biomedical Research Park Project, Series 2005A, 5.000%, 6/01/25 (Pre-refunded 6/01/15) – AMBAC Insured	6/15 at 100.00	AA+ (4)	4,508,768
4,000	Palm Beach County, Florida, Water and Sewer Revenue Bonds, FPL Reclaimed Water Project, Series 2009, 5.250%, 10/01/33	10/19 at 100.00	AAA	4,552,200
Palm Beach County, Florida, Water and Sewer Revenue Bonds, Series 2006A:				
10,000	5.000%, 10/01/31 (Pre-refunded 10/01/16) (UB)	10/16 at 100.00	AAA	10,654,000
6,125	5.000%, 10/01/36 (Pre-refunded 10/01/16)	10/16 at 100.00	Aaa	6,525,575
10,375	5.000%, 10/01/36 (Pre-refunded 10/01/16)	10/16 at 100.00	AAA	11,048,234
1,795	Port Saint Lucie, Florida, Special Assessment Revenue Bonds, Southwest Annexation District 1B, Series 2007, 5.000%, 7/01/33 – NPFG Insured	7/17 at 100.00	AA–	1,932,587
650	Reedy Creek Improvement District, Florida, Utility Revenue Bonds, Series 2005-1, 5.000%, 10/01/25 (Pre-refunded 10/01/15) – AMBAC Insured	10/15 at 100.00	A1 (4)	663,007
1,635	Rivercrest Community Development District, Florida, Special Assessment Bonds, Series 2007, 5.000%, 5/01/30 – RAAI Insured	5/18 at 100.00	AA	1,699,125
3,570	Seminole County, Florida, Water and Sewer Revenue Bonds, Refunding & Improvement Series 1992, 6.000%, 10/01/19 – NPFG Insured (ETM)	No Opt. Call	Aa2 (4)	4,004,612
365	Seminole County, Florida, Water and Sewer Revenue Bonds, Refunding & Improvement Series 1992, 6.000%, 10/01/19 – NPFG Insured	No Opt. Call	AA	372,227
625	Sonoma Bay Community Development District, Florida, Special Assessment Bonds, Series 2005A, 5.450%, 5/01/36	5/15 at 100.00	N/R	626,506
7,500	South Florida Water Management District, Certificates of Participation, Series 2006, Trust 1036, 9.258%, 10/01/36 – AMBAC Insured (IF)	10/16 at 100.00	AA	8,299,650

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Florida (continued)				
\$ 5,000	South Florida Water Management District, Certificates of Participation, Series 2006, 5.000%, 10/01/36 – AMBAC Insured	10/16 at 100.00	AA	\$ 5,266,550
2,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (5)	8/17 at 100.00	AA	2,587,398
5,000	Sumter County, Florida, Capital Improvement Revenue Bonds, Series 2006, 5.000%, 6/01/36 (Pre-refunded 6/01/16) – AMBAC Insured	6/16 at 100.00	A (4)	5,209,600
620	Tallahassee, Florida, Consolidated Utility System Revenue Bonds, Series 2005, 5.000%, 10/01/25 – AMBAC Insured	10/15 at 100.00	AA+	632,536
5,000	Tallahassee, Florida, Energy System Revenue Bonds, Series 2005, 5.000%, 10/01/35 – NPFPG Insured	10/15 at 100.00	AA	5,097,700
5,000	Tampa Bay, Florida, Regional Water Supply Authority Utility System Revenue Bonds, Series 2008, 5.000%, 10/01/34	10/18 at 100.00	AA+	5,553,300
	Tampa Sports Authority, Hillsborough County, Florida, Sales Tax Payments Special Purpose Bonds, Stadium Project, Series 1995:			
1,250	5.750%, 10/01/20 – NPFPG Insured	No Opt. Call	AA–	1,393,450
2,785	5.750%, 10/01/25 – NPFPG Insured	No Opt. Call	AA–	3,336,708
	Tampa-Hillsborough County Expressway Authority, Florida, Revenue Bonds, Series 2005:			
7,285	5.000%, 7/01/16 (Pre-refunded 7/01/15) – AMBAC Insured	7/15 at 101.00	Aaa	7,417,733
2,250	5.000%, 7/01/16 (Pre-refunded 7/01/15) – AMBAC Insured	7/15 at 101.00	Aaa	2,290,995
7,400	Volusia County Educational Facilities Authority, Florida, Revenue Bonds, Stetson University Inc. Project, Series 2015, 5.000%, 6/01/45	6/25 at 100.00	A–	8,040,988
184,445	Total Florida			196,535,917
	Georgia – 2.1% (1.4% of Total Investments)			
7,230	Atlanta, Georgia, Airport General Revenue Bonds, Refunding Series 2012B, 5.000%, 1/01/42	1/22 at 100.00	Aa3	8,024,071
2,000	Franklin County Industrial Building Authority, Georgia, Revenue Bonds, Ty Cobb Regional Medical Center Project, Series 2010, 8.125%, 12/01/45 (6), (7)	12/20 at 100.00	N/R	646,716
12,590	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia	2/25 at 100.00	AA–	14,492,475

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

	Health Services Inc., Series 2014A, 5.500%, 8/15/54			
21,820	Total Georgia			23,163,262
	Guam – 0.3% (0.2% of Total Investments)			
395	Guam International Airport Authority, Revenue Bonds, Series 2013C, 6.375%, 10/01/43 (Alternative Minimum Tax)	10/23 at 100.00	BBB	467,064
2,030	Guam Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2013, 5.500%, 7/01/43	7/23 at 100.00	A–	2,323,964
2,425	Total Guam			2,791,028
	Hawaii – 0.4% (0.3% of Total Investments)			
150	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific University, Series 2013A, 6.875%, 7/01/43	7/23 at 100.00	BB+	171,008
4,225	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Queen’s Health Systems, Series 2015A, 4.000%, 7/01/40	7/25 at 100.00	AA–	4,145,824
4,375	Total Hawaii			4,316,832
	Idaho – 0.4% (0.3% of Total Investments)			
2,870	Idaho Housing and Finance Association, GNMA Housing Revenue Refunding Bonds, Wedgewood Terrace Project, Series 2002A-1, 7.250%, 3/20/37	3/16 at 101.00	A1	2,934,718
75	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 2000B, 6.250%, 7/01/22 (Alternative Minimum Tax)	7/15 at 100.00	AAA	75,508
70	Idaho Housing and Finance Association, Single Family Mortgage Bonds, Series 2000E, 5.950%, 7/01/20 (Alternative Minimum Tax)	7/15 at 100.00	Aaa	70,189

38 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Idaho (continued)			
	Madison County, Idaho, Hospital Revenue Certificates of Participation, Madison Memorial Hospital, Series 2006:			
\$ 1,000	5.250%, 9/01/30	9/16 at 100.00	BB+	\$ 1,013,840
470	5.250%, 9/01/37	9/16 at 100.00	BB+	475,038
4,485	Total Idaho			4,569,293
	Illinois – 16.8% (11.3% of Total Investments)			
5,000	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1999A, 0.000%, 12/01/20 – FGIC Insured	No Opt. Call	AA–	4,081,850
5,785	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	6,393,640
22,670	Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999, 0.000%, 1/01/25 – FGIC Insured	No Opt. Call	AA–	14,666,130
5,000	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.000%, 1/01/41	1/22 at 100.00	AAA	5,298,900
4,865	Cook County Community Consolidated School District 15, Palatine, Illinois, General Obligation Bonds, Series 2001, 0.000%, 12/01/20 – FGIC Insured	No Opt. Call	Aa2	4,247,388
2,575	Cook County Community High School District 219, Niles Township, Illinois, General Obligation Capital Appreciation Bonds, Series 2001, 0.000%, 12/01/20 – NPPG Insured	No Opt. Call	A3	2,154,760
3,615	Cook County Community High School District 219, Niles Township, Illinois, General Obligation Capital Appreciation Bonds, Series 2001, 0.000%, 12/01/20 – NPPG Insured (ETM)	No Opt. Call	N/R (4)	3,313,328
3,500	Cook County, Illinois, General Obligation Bonds, Refunding Series 2010A, 5.250%, 11/15/22	11/20 at 100.00	AA	4,043,935
	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2014B:			
7,000	5.000%, 1/01/38	1/24 at 100.00	AA–	7,795,620
4,500	5.000%, 1/01/39	1/24 at 100.00	AA–	5,011,470
3,215	Illinois Educational Facilities Authority, Revenue Bonds, Field Museum of Natural History, Series 2002, 5.500%, 11/01/36	11/23 at 100.00	A2	3,540,229
7,750	Illinois Finance Authority, Revenue Bonds, Centegra Health System, Series 2014A, 5.000%, 9/01/39	9/24 at 100.00	BBB	8,227,400
1,100	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Healthcare, Tender Option Bond Trust 2015-XF0076, 17.847%, 8/15/20 (IF)	No Opt. Call	AA+	1,506,472

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

1,200	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100.00	Aa3	1,236,300
4,485	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	5,513,321
3,230	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C, 5.000%, 8/15/44	8/25 at 100.00	Baa1	3,481,746
4,480	Illinois Finance Authority, Revenue Bonds, The Carle Foundation, Series 2011A, 6.000%, 8/15/41 – AGM Insured	8/21 at 100.00	AA	5,338,547
6,000	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	AA+	6,453,420
3,540	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., University Center Project, Series 2006B, 5.000%, 5/01/25	11/16 at 100.00	BBB+	3,658,271
2,520	Illinois Health Facilities Authority, Revenue Refunding Bonds, Lutheran General Health System, Series 1993C, 6.000%, 4/01/18	No Opt. Call	Aa2	2,747,430
5,000	Illinois State, General Obligation Bonds, February Series 2014, 5.000%, 2/01/39	2/24 at 100.00	A–	5,178,900
10,000	Illinois State, General Obligation Bonds, Refunding Series 2010, 5.000%, 1/01/21 – AGM Insured	1/20 at 100.00	AA	11,099,700
2,000	Illinois State, General Obligation Bonds, Series 2009A, 5.000%, 9/01/34	9/18 at 100.00	A–	2,062,400
495	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	A–	545,193
1,115	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Tender Option Bond Trust 2015-XF0051, 17.799%, 1/01/21 (IF)	No Opt. Call	AA–	1,609,246
11,050	Illinois, General Obligation Bonds, Illinois FIRST Program, Series 2001, 6.000%, 11/01/26 – FGIC Insured	No Opt. Call	AA–	13,087,399

Nuveen Investments 39

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Illinois (continued)				
	Lake County Community Unit School District 60, Waukegan, Illinois, General Obligation Refunding Bonds, Series 2001B:			
\$ 3,230	0.000%, 11/01/19 – AGM Insured	No Opt. Call	A2	\$ 2,924,119
1,740	0.000%, 11/01/21 – AGM Insured	No Opt. Call	A2	1,452,639
4,020	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/20 – AGM Insured (UB)	No Opt. Call	AAA	4,797,428
	Lombard Public Facilities Corporation, Illinois, Second Tier Conference Center and Hotel Revenue Bonds, Series 2005B:			
855	5.250%, 1/01/25 (8)	1/16 at 100.00	D	249,660
1,750	5.250%, 1/01/30 (8)	1/16 at 100.00	D	511,000
17,945	McHenry and Kane Counties Community Consolidated School District 158, Huntley, Illinois, General Obligation Bonds, Series 2003, 0.000%, 1/01/22 – FGIC Insured	No Opt. Call	A3	14,516,069
2,910	McHenry County Community High School District 154, Marengo, Illinois, Capital Appreciation School Bonds, Series 2001, 0.000%, 1/01/21 – FGIC Insured	No Opt. Call	Aa2	2,526,957
15,585	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A, 5.500%, 6/15/50	6/20 at 100.00	AAA	16,905,673
8,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A, 0.000%, 6/15/26 – NPMFG Insured	6/22 at 101.00	AAA	8,199,680
187,725	Total Illinois			184,376,220
	Indiana – 3.6% (2.4% of Total Investments)			
6,000	Indiana Finance Authority, Educational Facilities Revenue Bonds, Valparaiso University Project, Series 2014, 5.000%, 10/01/44	10/24 at 100.00	A2	6,737,220
3,880	Indiana Finance Authority, Health System Revenue Bonds, Sisters of Saint Francis Health Services, Inc. Obligated Group, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	4,340,517
2,500	Indiana Finance Authority, Revenue Bonds, Trinity Health Care Group, Refunding Series 2010B., 5.000%, 12/01/37	12/20 at 100.00	AA	2,781,150

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

3,075	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2012A, 5.000%, 10/01/37	10/22 at 100.00	AA	3,412,174
13,215	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2014A, 5.000%, 10/01/44	10/24 at 100.00	AA	14,895,287
4,300	Saint Joseph County, Indiana, Educational Facilities Revenue Bonds, University of Notre Dame du Lac Project, Refunding Series 2009, 5.000%, 3/01/36	3/18 at 100.00	Aaa	4,723,679
1,550	St. Joseph County Hospital Authority, Indiana, Revenue Bonds, Madison Center Inc., Series 2005, 5.250%, 2/15/23 (6)	7/15 at 100.00	N/R	77,500
1,595	Valparaiso, Indiana, Exempt Facilities Revenue Bonds, Pratt Paper LLC Project, Series 2013, 7.000%, 1/01/44 (Alternative Minimum Tax)	1/24 at 100.00	N/R	1,956,299
36,115	Total Indiana Iowa – 0.9% (0.6% of Total Investments)			38,923,826
1,210	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.250%, 12/01/25	12/23 at 100.00	BB–	1,354,401
	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C:			
1,625	5.375%, 6/01/38	6/15 at 100.00	B+	1,439,701
8,365	5.500%, 6/01/42	6/15 at 100.00	B+	7,382,196
90	5.625%, 6/01/46	6/15 at 100.00	B+	80,412
11,290	Total Iowa Kansas – 0.8% (0.5% of Total Investments)			10,256,710
65	Sedgwick and Shawnee Counties, Kansas, GNMA Collateralized Single Family Mortgage Revenue Refunding Bonds, Series 1994A-1, 7.900%, 5/01/24 (Alternative Minimum Tax)	No Opt. Call	Aaa	65,803
8,000	University of Kansas Hospital Authority, Health Facilities Revenue Bonds, KU Health System, Refunding & Improvement Series 2015, 5.000%, 9/01/45	No Opt. Call	A+	8,911,600
8,065	Total Kansas			8,977,403

40 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Kentucky – 1.7% (1.1% of Total Investments)				
\$ 4,300	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.500%, 3/01/45	6/20 at 100.00	BBB+	\$ 4,940,356
2,000	Kentucky Economic Development Finance Authority, Hospital Revenue Bonds, Baptist Healthcare System Obligated Group, Series 2011, 5.000%, 8/15/42	8/21 at 100.00	A+	2,149,880
2,425	Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Convertible Capital Appreciation Series 2013C: 0.000%, 7/01/43	7/31 at 100.00	Baa3	1,684,939
4,180	0.000%, 7/01/46	7/31 at 100.00	Baa3	2,907,315
Kentucky Public Transportation Infrastructure Authority, First Tier Toll Revenue Bonds, Downtown Crossing Project, Series 2013A:				
1,055	5.750%, 7/01/49	7/23 at 100.00	Baa3	1,197,562
210	6.000%, 7/01/53	7/23 at 100.00	Baa3	241,191
4,630	Lexington-Fayette Urban County Government Public Facilities Corporation, Kentucky State Lease Revenue Bonds, Eastern State Hospital Project, Series 2011A, 5.250%, 6/01/31	6/21 at 100.00	Aa3	5,276,117
18,800	Total Kentucky			18,397,360
Louisiana – 6.1% (4.1% of Total Investments)				
3,520	Ascension Parish Industrial development Board, Louisiana, Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.000%, 7/01/36	7/23 at 100.00	N/R	3,833,421
4,350	Louisiana Citizens Property Insurance Corporation, Assessment Revenue Bonds, Series 2006B, 5.000%, 6/01/22 – AMBAC Insured	6/16 at 100.00	A–	4,547,577
1,750	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31	8/15 at 100.00	A+	1,763,843
2,250	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31 (Pre-refunded 8/15/15)	8/15 at 100.00	N/R (4)	2,283,390
2,700	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	2,815,668
5,750	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2011, 6.750%,	5/21 at 100.00	Baa1	6,823,237

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

5/15/41				
11,720	Louisiana Stadium and Exposition District, Revenue Refunding Bonds, Senior Lien Series 2013A, 5.000%, 7/01/36	7/23 at 100.00	A	12,932,903
3,000	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Second Lien Series 2010B, 5.000%, 5/01/45	5/20 at 100.00	AA	3,392,880
14,550	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A: 4.750%, 5/01/39 (Pre-refunded 5/01/16) – AGM Insured	5/16 at 100.00	Aa1 (4)	15,195,147
5,920	4.500%, 5/01/41 (Pre-refunded 5/01/16) – FGIC Insured (UB)	5/16 at 100.00	Aa1 (4)	6,167,634
6,280	New Orleans, Louisiana, Sewerage Service Revenue Bonds, Refunding Series 2014, 5.000%, 6/01/44	6/24 at 100.00	A	6,910,010
61,790	Total Louisiana			66,665,710
Maryland – 0.4% (0.3% of Total Investments)				
1,865	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/26 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	1,913,788
1,205	Maryland Economic Development Corporation, Student Housing Revenue Refunding Bonds, University of Maryland College Park Projects, Series 2006, 5.000%, 6/01/28 – CIFG Insured	6/16 at 100.00	AA	1,250,621
1,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Center, Series 2011, 6.250%, 7/01/31	7/21 at 100.00	BBB	1,146,870
4,070	Total Maryland			4,311,279
Massachusetts – 2.7% (1.8% of Total Investments)				
8,125	Massachusetts Department of Transportation, Metropolitan Highway System Revenue Bonds, Senior Lien Series 2010B, 5.000%, 1/01/37	1/20 at 100.00	A+	8,964,881
930	Massachusetts Development Finance Agency, Revenue Bonds, Boston Medical Center Issue, Green Bonds, Series 2015D, 5.000%, 7/01/44	No Opt. Call	BBB	992,198

Nuveen Investments 41

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Massachusetts (continued)				
\$ 455	Massachusetts Development Finance Agency, Revenue Bonds, Boston University, Series 2013X, 5.000%, 10/01/48	10/23 at 100.00	A1	\$ 507,416
2,700	Massachusetts Development Finance Agency, Revenue Bonds, Olin College, Series 2013E, 5.000%, 11/01/43	11/23 at 100.00	A+	3,023,028
1,800	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Eye and Ear Infirmary, Series 2010C, 5.375%, 7/01/35	7/20 at 100.00	BBB-	1,962,234
900	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A	987,804
3,795	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB) (5)	2/17 at 100.00	AA+	3,875,682
8,050	Metropolitan Boston Transit Parking Corporation, Massachusetts, Systemwide Senior Lien Parking Revenue Bonds, Series 2011, 5.000%, 7/01/41	7/21 at 100.00	A+	8,871,664
26,755	Total Massachusetts			29,184,907
Michigan – 5.4% (3.6% of Total Investments)				
3,055	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	BBB+	3,284,889
7,000	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.250%, 11/01/35	11/20 at 100.00	AA	7,524,930
	Grand Rapids and Kent County Joint Building Authority, Michigan, Limited Tax General Obligation Bonds, Devos Place Project, Series 2001:			
7,660	0.000%, 12/01/21	No Opt. Call	AAA	6,681,818
7,955	0.000%, 12/01/22	No Opt. Call	AAA	6,693,814
8,260	0.000%, 12/01/23	No Opt. Call	AAA	6,707,203
8,575	0.000%, 12/01/24	No Opt. Call	AAA	6,687,128
1,200	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100.00	BB+	1,205,076
10,000	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011, 5.000%,	12/21 at 100.00	AA	11,104,900

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

	12/01/39				
6,345	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39	11/19 at 100.00	A-	7,143,772	
1,225	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31	12/16 at 100.00	AA	1,301,906	
275	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31 (Pre-refunded 12/01/16)	12/16 at 100.00	Aa2 (4)	294,500	
340	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100.00	AA-	347,483	
61,890	Total Michigan			58,977,419	
	Minnesota – 0.1% (0.1% of Total Investments)				
1,000	St. Paul Housing and Redevelopment Authority, Minnesota, Revenue Bonds, Healtheast Inc., Series 2005, 6.000%, 11/15/25	11/15 at 100.00	BBB-	1,022,370	
	Missouri – 0.8% (0.5% of Total Investments)				
200	Hannibal Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Hannibal Regional Hospital, Series 2006, 5.000%, 3/01/22	3/16 at 100.00	BBB+	204,262	
	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A:				
715	6.000%, 6/01/20	No Opt. Call	A	785,785	
1,525	5.000%, 6/01/35 (Pre-refunded 6/01/15)	6/15 at 100.00	A (4)	1,531,298	
5,820	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.500%, 5/01/43	5/23 at 100.00	BBB+	6,375,286	
8,260	Total Missouri			8,896,631	

42 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Nebraska – 2.1% (1.4% of Total Investments)				
\$ 4,000	Lincoln, Nebraska, Electric System Revenue Bonds, Refunding Series 2012, 5.000%, 9/01/37	9/22 at 100.00	AA	\$ 4,490,920
5,130	Omaha Public Power District, Nebraska, Electric System Revenue Bonds, Series 2007A, 5.000%, 2/01/43 (Pre-refunded 2/01/17)	2/17 at 100.00	AA (4)	5,525,985
10,000	Omaha Public Power District, Nebraska, Electric System Revenue Bonds, Series 2012A, 5.000%, 2/01/42	2/22 at 100.00	AA	11,149,200
1,050	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Tender Option Bond Trust 11673, 20.264%, 8/01/40 – AMBAC Insured (IF)	2/17 at 100.00	AA+	1,821,740
20,180	Total Nebraska			22,987,845
Nevada – 6.1% (4.1% of Total Investments)				
12,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	14,031,240
Clark County, Nevada, General Obligation Bonds, Bond Bank Refunding Series 2009:				
3,520	5.000%, 6/01/27	6/19 at 100.00	Aa1	3,998,333
3,695	5.000%, 6/01/28	6/19 at 100.00	Aa1	4,186,694
3,880	5.000%, 6/01/29	6/19 at 100.00	Aa1	4,374,894
Clark County, Nevada, General Obligation Bonds, Transportation, Refunding Series 2010B:				
4,915	5.000%, 7/01/25	1/20 at 100.00	Aa1	5,623,350
4,160	5.000%, 7/01/26	1/20 at 100.00	Aa1	4,747,517
3,995	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Tender Option Bond Trust 2015-1A, 17.937%, 6/01/39 (IF)	12/24 at 100.00	AA+	6,167,840
10,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Water & Refunding Series 2011C, 5.000%, 6/01/38	6/21 at 100.00	AA+	11,029,300
3,150	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Water Series 2012B, 5.000%, 6/01/42	6/22 at 100.00	AA+	3,504,753
8,540	Washoe County, Nevada, General Obligation Bonds, Reno-Sparks Convention & Visitors Authority, Refunding Series 2011, 5.000%, 7/01/32	7/21 at 100.00	AA	9,569,155
57,855	Total Nevada			67,233,076
New Jersey – 3.8% (2.6% of Total Investments)				
515	New Jersey Economic Development Authority, Private Activity Bonds, The Goethals Bridge Replacement	1/24 at 100.00	AA	565,573

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

Project, Series 2013, 5.125%, 7/01/42 – AGM Insured
(Alternative Minimum Tax)

New Jersey Economic Development Authority, School Facilities Construction Bonds, Series 2005P:					
1,325	5.250%, 9/01/24 (Pre-refunded 9/01/15)	9/15 at 100.00	A- (4)		1,347,432
1,000	5.250%, 9/01/26 (Pre-refunded 9/01/15)	9/15 at 100.00	A- (4)		1,016,930
520	New Jersey Health Care Facilities Financing Authority, New Jersey, Revenue Bonds, Saint Peters University Hospital, Series 2007, 5.750%, 7/01/37	7/18 at 100.00	BB+		541,850
16,840	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Capital Appreciation Series 2010A, 0.000%, 12/15/33	No Opt. Call	A-		6,792,246
3,425	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call	A-		3,845,213
5,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2010D, 5.000%, 12/15/23	No Opt. Call	A-		5,583,350
5,000	New Jersey Turnpike Authority, Revenue Bonds, Series 2009H, 5.000%, 1/01/36	1/19 at 100.00	A+		5,509,350
985	New Jersey Turnpike Authority, Revenue Bonds, Tender Option Bond Trust 1154, 17.041%, 1/01/43 (IF) (5)	7/22 at 100.00	A+		1,376,784
12,495	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A: 5.000%, 6/01/29	6/17 at 100.00	B		10,740,577
6,125	4.750%, 6/01/34	6/17 at 100.00	B2		4,749,815
53,230	Total New Jersey				42,069,120

Nuveen Investments 43

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	New York – 10.0% (6.8% of Total Investments)			
\$ 1,080	Buffalo and Erie County Industrial Land Development Corporation, New York, Revenue Bonds, Catholic Health System, Inc. Project, Series 2015, 4.000%, 7/01/45	7/25 at 100.00	BBB+	\$ 1,042,297
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	7/15 at 100.00	AA–	5,018,700
6,235	Dormitory Authority of the State of New York, Revenue Bonds, New School University, Series 2015A, 5.000%, 7/01/50 (WI/DD, Settling 5/01/15)	7/25 at 100.00	A–	6,883,066
4,000	Dormitory Authority of the State of New York, Revenue Bonds, New York University, Series 2013A, 5.000%, 7/01/43	7/23 at 100.00	AA–	4,490,920
1,250	Hempstead Town Industrial Development Agency, New York, Revenue Bonds, Adelphi University, Civic Facility Project, Series 2005, 5.000%, 10/01/30 (Pre-refunded 10/01/15)	10/15 at 100.00	A (4)	1,275,275
2,100	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A, 5.750%, 2/15/47	2/21 at 100.00	A	2,417,940
5,000	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPFG Insured	2/17 at 100.00	AA–	5,219,800
5,000	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006C, 5.000%, 9/01/35 – NPFG Insured	9/16 at 100.00	AA–	5,255,550
15,100	Long Island Power Authority, New York, Electric System Revenue Bonds, Series 2012A, 5.000%, 9/01/42	9/22 at 100.00	A–	16,380,631
5,000	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Refunding Series 2012H, 5.000%, 11/15/42	No Opt. Call	AA–	5,535,200
1,000	Monroe County Industrial Development Corporation, New York, Revenue Bonds, University of Rochester Project, Series 2013A, 5.000%, 7/01/43	7/23 at 100.00	AA–	1,118,160
2,100	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43	12/20 at 100.00	AA+	2,473,443
7,225	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2014 Series BB,	6/23 at 100.00	AA+	8,063,823

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

	5.000%, 6/15/46			
10	New York City, New York, General Obligation Bonds, Fiscal Series 1996J, 5.500%, 2/15/26	7/15 at 100.00	AA	10,043
7,425	New York Convention Center Development Corporation, Hotel Unit Fee Revenue Bonds, Series 2005, 5.000%, 11/15/44 – AMBAC Insured	11/15 at 100.00	AA+	7,601,492
5,785	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44	11/24 at 100.00	N/R	6,048,391
1,440	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Seventy Eighth Series 2013, 5.000%, 12/01/43 (Alternative Minimum Tax)	12/23 at 100.00	AA–	1,576,584
3,925	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Seventy Ninth Series 2013, 5.000%, 12/01/38	12/23 at 100.00	AA–	4,451,657
1,060	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	1,249,857
6,250	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Series 1997, 6.250%, 12/01/15 – NPMFG Insured (Alternative Minimum Tax)	No Opt. Call	AA–	6,379,375
9,950	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, Refunding Bonds, Tender Option Bond Trust 2012-10W, 7.396%, 11/15/21 (IF) (5)	No Opt. Call	AA–	12,870,325
	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, Refunding Subordinate Lien Series 2013A:			
1,055	5.000%, 11/15/28	No Opt. Call	A+	1,221,184
5,180	0.000%, 11/15/31	No Opt. Call	A+	2,877,438
1,280	0.000%, 11/15/32	No Opt. Call	A+	669,350
103,450	Total New York			110,130,501
	North Carolina – 0.6% (0.4% of Total Investments)			
1,775	Charlotte-Mecklenburg Hospital Authority, North Carolina, Carolinas HealthCare System Revenue Bonds, Series 2008, Trust 1149, 15.272%, 7/15/32 (IF) (5)	1/18 at 100.00	AA–	2,065,018

44 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	North Carolina (continued)			
\$ 1,000	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care Revenue Bonds, DBA Carolinas HealthCare System, Series 2011A, 5.250%, 1/15/42	1/21 at 100.00	AA-\$	1,122,770
2,940	Wake County Industrial Facilities and Pollution Control Financing Authority, North Carolina, Pollution Control Revenue Refunding Bonds, Duke Energy Progress, Inc. Project, Series 2013, 4.000%, 6/01/41	6/23 at 100.00	Aa2	3,008,473
5,715	Total North Carolina			6,196,261
	Ohio – 7.9% (5.3% of Total Investments)			
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:			
2,925	5.125%, 6/01/24	6/17 at 100.00	B-	2,495,434
900	5.875%, 6/01/30	6/17 at 100.00	B-	763,380
12,590	5.750%, 6/01/34	6/17 at 100.00	B-	10,274,447
1,045	5.875%, 6/01/47	6/17 at 100.00	B	865,020
11,335	Cleveland Heights-University Heights City School District, Ohio, General Obligation Bonds, School Improvement Series 2014, 5.000%, 12/01/51	6/23 at 100.00	AA	12,240,666
6,345	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2011A, 5.000%, 11/15/41	11/21 at 100.00	AA+	7,053,800
10,000	Greene County, Ohio, Hospital Facilities Revenue Bonds, Kettering Health Network Series 2009, 5.500%, 4/01/39	4/19 at 100.00	A	11,046,300
14,850	JobsOhio Beverage System, Ohio, Statewide Liquor Profits Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38 (UB) (5)	1/23 at 100.00	AA	16,505,033
	JobsOhio Beverage System, Ohio, Statewide Senior Lien Liquor Profits Revenue Bonds, Tender Option Bond Trust 1157:			
1,050	17.107%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	1,518,090
875	17.107%, 1/01/38 (IF) (5)	1/23 at 100.00	AA	1,265,075
10,000	Northeast Ohio Regional Sewer District, Wastewater Improvement Revenue Bonds, Refunding & Improvement Series 2014, 5.000%, 11/15/49	11/24 at 100.00	AA+	11,286,700
7,140	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.000%, 2/15/48	2/23 at 100.00	A+	7,910,406
3,590			A+	2,918,814

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

	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Projects, Junior Lien Convertible Series 2013A-3, 0.000%, 2/15/36	2/31 at 100.00		
82,645	Total Ohio			86,143,165
	Oklahoma – 2.5% (1.7% of Total Investments)			
750	Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2005, 5.375%, 9/01/36	9/16 at 100.00	BBB–	777,735
	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007: 5.000%, 2/15/37	2/17 at 100.00	AA	2,746,299
1,000	5.000%, 2/15/42	2/17 at 100.00	AA	1,042,070
	Oklahoma Development Finance Authority, Revenue Bonds, Saint John Health System, Series 2007: 5.000%, 2/15/37 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	118,606
20	5.000%, 2/15/42 (Pre-refunded 2/15/17)	2/17 at 100.00	N/R (4)	21,565
9,435	Oklahoma Municipal Power Authority, Power Supply System Revenue Bonds, Series 2007, 4.500%, 1/01/47 – FGIC Insured	1/17 at 100.00	AA–	9,551,900
	Tulsa Airports Improvement Trust, Oklahoma, General Airport Revenue Bonds, Series 2013A: 5.625%, 6/01/38 – BAM Insured (Alternative Minimum Tax)	6/23 at 100.00	AA	3,495,964
3,000	5.625%, 6/01/43 – BAM Insured (Alternative Minimum Tax)	6/23 at 100.00	AA	3,316,410
5,460	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)	12/16 at 100.00	AA+	5,801,031
99	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Tender Option Bond Trust 3500, 8.520%, 6/15/30 (IF)	12/16 at 100.00	AA+	110,242
25,654	Total Oklahoma			26,981,822

Nuveen Investments 45

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Oregon – 0.9% (0.6% of Total Investments)			
\$ 8,890	Oregon State Department of Transportation, Highway User Tax Revenue Bonds, Senior Lien Series 2013A, 5.000%, 11/15/38	11/23 at 100.00	AAA	\$ 10,206,431
	Pennsylvania – 3.8% (2.6% of Total Investments)			
3,500	Allegheny County Sanitary Authority, Pennsylvania, Sewer Revenue Bonds, Series 2005A, 5.000%, 12/01/23 – NCFG Insured	12/15 at 100.00	AA–	3,594,920
500	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB–	503,350
1,050	Delaware Valley Regional Finance Authority, Pennsylvania, Local Government Revenue Bonds, Series 1997B, 5.700%, 7/01/27 – AMBAC Insured	No Opt. Call	A2	1,289,600
	Lehigh County Authority, Pennsylvania, Water and Sewer Capital Appreciation Revenue Bonds, City of Allentown Concession, Series 2013B:			
4,480	0.000%, 12/01/31	No Opt. Call	A	2,253,888
5,180	0.000%, 12/01/32	No Opt. Call	A	2,432,373
4,935	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, City of Allentown Concession, Series 2013A, 5.125%, 12/01/47	12/23 at 100.00	A	5,560,413
50	Luzerne County, Pennsylvania, General Obligation Bonds, Series 2003C, 5.250%, 12/15/16 – FGIC Insured	No Opt. Call	AA–	52,918
265	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Bonds, National Gypsum Company, Refunding Series 2014, 5.500%, 11/01/44 (Alternative Minimum Tax)	11/24 at 100.00	N/R	273,125
1,700	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, AICUP Financing Program-Delaware Valley College of Science and Agriculture Project, Series 2012 LL1, 4.000%, 11/01/32	11/22 at 100.00	Baa3	1,685,210
5,850	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured	12/16 at 100.00	AA	6,042,465
1,000	Pennsylvania State University, General Revenue Bonds, Series 2005, 5.000%, 9/01/29	9/15 at 100.00	AA	1,015,050
15,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Capital Appreciation Series 2009E, 0.000%, 12/01/38	12/27 at 100.00	A–	16,389,900

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

1,050	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2006A, 5.000%, 12/01/26 – AMBAC Insured	6/16 at 100.00	A+	1,099,791
44,560	Total Pennsylvania			42,193,003
Puerto Rico – 0.2% (0.1% of Total Investments)				
25,000	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	B	1,760,500
South Carolina – 1.4% (0.9% of Total Investments)				
3,315	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2013A, 5.125%, 12/01/43	12/23 at 100.00	AA–	3,704,413
10,330	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Series 2014A, 5.500%, 12/01/54	6/24 at 100.00	AA–	11,804,814
13,645	Total South Carolina			15,509,227
South Dakota – 0.2% (0.1% of Total Investments)				
1,510	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sanford Health, Series 2014B, 5.000%, 11/01/44	11/24 at 100.00	A+	1,670,528
Tennessee – 0.6% (0.4% of Total Investments)				
Harpeth Valley Utilities District, Davidson and Williamson Counties, Tennessee, Utilities Revenue Bonds, Series 2012A:				
1,325	4.000%, 9/01/40	9/22 at 100.00	AA	1,380,557
1,690	4.000%, 9/01/42	9/22 at 100.00	AA	1,757,516
3,200	Johnson City Health and Educational Facilities Board, Tennessee, Revenue Bonds, Mountain States Health Alliance, Series 2006A, 5.500%, 7/01/36	7/16 at 100.00	BBB+	3,353,120
6,215	Total Tennessee			6,491,193

46 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas – 12.8% (8.6% of Total Investments)			
\$ 3,460	Austin, Texas, Airport System Revenue Bonds, Series 2015, 5.000%, 11/15/44 (Alternative Minimum Tax)	11/24 at 100.00	A1	\$ 3,798,353
5,835	Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36	2/17 at 100.00	AAA	5,938,571
5,110	Brazos River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Electric Company, Series 1999C, 7.700%, 3/01/32 (Alternative Minimum Tax) (6)	7/15 at 100.00	C	332,150
1,000	Bryan, Brazos County, Texas, Electric System Revenue Bonds, Series 2009, 5.000%, 7/01/34	7/17 at 100.00	A+	1,074,870
965	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Refunding Series 2013A, 5.000%, 1/01/43	1/23 at 100.00	BBB	1,048,723
5,240	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.250%, 1/01/46	1/21 at 100.00	BBB	6,117,071
4,650	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Improvement Series 2013C, 5.125%, 11/01/43 (Alternative Minimum Tax)	11/22 at 100.00	A+	5,048,923
6,340	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured	11/21 at 100.00	A+	6,973,937
11,000	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Series 2012H, 5.000%, 11/01/42 (Alternative Minimum Tax)	No Opt. Call	A+	11,754,270
3,875	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Tender Option Bond Trust 2013-9A, 17.853%, 4/01/53 (IF)	10/23 at 100.00	AA+	5,286,043
	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Capital Appreciation Refunding Senior Lien Series 2014A:			
580	0.000%, 11/15/41 – AGM Insured	11/31 at 62.66	AA	170,636
1,160	0.000%, 11/15/42 – AGM Insured	11/31 at 59.73	AA	323,965
1,135	0.000%, 11/15/43 – AGM Insured	11/31 at 56.93	AA	303,295
3,390	0.000%, 11/15/44 – AGM Insured	11/31 at 54.25	AA	852,687
5,060	0.000%, 11/15/45 – AGM Insured	11/31 at 51.48	AA	1,204,887
435	Houston, Texas, Airport System Special Facilities Revenue Bonds, United Airlines, Inc. Terminal E Project, Refunding Series 2014, 5.000%, 7/01/29	7/24 at 100.00	B+	463,005
6,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2011D, 5.000%, 11/15/40	11/21 at 100.00	AA	6,654,480

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. Call	A2	7,326,680
	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005:			
800	5.250%, 8/15/21	2/16 at 100.00	BBB	816,576
1,250	5.125%, 8/15/26	2/16 at 100.00	BBB	1,269,800
3,000	Love Field Airport Modernization Corporation, Texas, Special Facilities Revenue Bonds, Southwest Airlines Company, Series 2010, 5.250%, 11/01/40	11/20 at 100.00	BBB	3,269,790
4,715	Lower Colorado River Authority, Texas, Revenue Bonds, Refunding Series 2012A, 5.000%, 5/15/39	No Opt. Call	A	5,199,325
6,025	North Central Texas Health Facilities Development Corporation, Texas, Revenue Bonds, Children’s Medical Center Dallas Project, Series 2012, 5.000%, 8/15/32	8/22 at 100.00	Aa2	6,791,862
	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A:			
1,880	0.000%, 9/01/43	9/31 at 100.00	AA+	1,709,691
7,990	0.000%, 9/01/45	9/31 at 100.00	AA+	7,994,554
3,380	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2008F, 5.750%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A3 (4)	3,802,297
	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A:			
1,755	5.000%, 1/01/35	1/25 at 100.00	A3	1,938,959
1,365	5.000%, 1/01/38	1/25 at 100.00	A3	1,495,289
1,000	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Electric Company, Series 2001C, 5.200%, 5/01/28 (6)	11/15 at 100.00	C	62,500
3,145	Southwest Higher Education Authority Inc, Texas, Revenue Bonds, Southern Methodist University, Series 2010, 5.000%, 10/01/41	10/20 at 100.00	AA–	3,604,610

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

NPM Nuveen Premium Income Municipal Fund 2, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 4,000	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2013A, 5.000%, 8/15/43	8/23 at 100.00	AA-\$	4,414,760
7,100	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA	7,457,414
1,100	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/30	No Opt. Call	A3	1,211,089
1,465	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners Segments 3 Segments 3A & 3B Facility, Series 2013, 6.750%, 6/30/43 (Alternative Minimum Tax)	9/23 at 100.00	BBB-	1,783,491
3,755	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.624%, 4/01/28 (IF)	4/17 at 100.00	AAA	5,782,475
5,000	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2012A, 5.000%, 8/15/41	8/22 at 100.00	A-	5,482,100
3,080	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, First Tier Refunding Series 2015B, 5.000%, 8/15/37	8/24 at 100.00	A-	3,474,887
7,210	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C, 5.000%, 8/15/42	8/24 at 100.00	BBB+	7,781,969
145,100	Total Texas			140,015,984
	Utah – 1.5% (1.0% of Total Investments)			
6,335	Riverton, Utah, Hospital Revenue Bonds, IHC Health Services, Inc., Series 2009, 5.000%, 8/15/41	8/19 at 100.00	AA+	6,961,912
9,045	Utah Transit Authority, Sales Tax Revenue and Refunding Bonds, Series 2012, 5.000%, 6/15/42	6/22 at 100.00	A+	9,971,660
15,380	Total Utah			16,933,572
	Virginia – 0.5% (0.4% of Total Investments)			
4,370	Metropolitan Washington Airports Authority, Virginia, Dulles Toll Road Revenue Bonds, Dulles Metrorail & Capital Improvement Project, Refunding Second Senior Lien Series 2014A, 5.000%, 10/01/53	4/22 at 100.00	BBB+	4,612,316
1,250	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, 95 Express Lanes LLC Project, Series 2012, 5.000%, 1/01/40 (Alternative Minimum Tax)	1/22 at 100.00	BBB-	1,331,888
5,620	Total Virginia			5,944,204
	Washington – 5.2% (3.5% of Total Investments)			

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

10,000	King County, Washington, Sewer Revenue Bonds, Refunding Series 2012, 5.000%, 1/01/52	1/22 at 100.00	AA+	11,026,600
2,500	King County, Washington, Sewer Revenue Bonds, Series 2009, 5.250%, 1/01/42	1/19 at 100.00	AA+	2,789,775
4,160	Port of Seattle, Washington, Revenue Bonds, Intermediate Lien Refunding Series 2012A, 5.000%, 8/01/30	8/22 at 100.00	A+	4,736,285
1,250	Seattle Housing Authority, Washington, Pooled Housing Revenue Bonds, Refunding Series 2014, 5.000%, 12/01/44	12/23 at 100.00	AA	1,333,488
12,515	Spokane Public Facilities District, Washington, Hotel, Motel, and Sales Use Tax Revenue Bonds, Series 2013A, 5.000%, 12/01/38	6/23 at 100.00	A+	13,551,743
3,410	Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2011A, 5.625%, 1/01/35	1/21 at 100.00	A	3,812,039
4,415	Washington Health Care Facilities Authority, Revenue Bonds, Kadlec Regional Medical Center, Series 2010, 5.500%, 12/01/39 (Pre-refunded 12/01/20)	12/20 at 100.00	N/R (4)	5,356,720

48 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Washington (continued)			
\$ 1,885	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Refunding Series 2012B, 5.000%, 10/01/30	10/22 at 100.00	Aa2	\$ 2,127,373
4,940	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children's Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	Aa2	5,427,133
5,000	Washington State Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2009A, 6.000%, 1/01/33	7/19 at 100.00	A	5,699,250
1,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32	12/17 at 100.00	N/R	1,035,360
51,075	Total Washington			56,895,766
	Wisconsin – 2.1% (1.4% of Total Investments)			
470	Public Finance Authority of Wisconsin, Exempt Facilities Revenue Bonds, National Gypsum Company Project, Refunding Series 2014, 5.250%, 4/01/30 (Alternative Minimum Tax)	11/24 at 100.00	N/R	480,909
1,240	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2010A, 5.625%, 4/15/39	4/20 at 100.00	A	1,377,144
6,775	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25	7/21 at 100.00	A	7,692,064
365	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Divine Savior Healthcare, Series 2006, 5.000%, 5/01/32	5/16 at 100.00	BBB–	374,676
2,955	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/40	2/22 at 100.00	A–	3,155,319
4,530	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006A, 5.250%, 8/15/34	8/16 at 100.00	A–	4,668,482
5,300	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 (Pre-refunded 5/01/16) – FGIC Insured	5/16 at 100.00	AA (4)	5,536,804
21,635	Total Wisconsin			23,285,398
	Wyoming – 0.2% (0.1% of Total Investments)			
2,250	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds, FMC Corporation, Series 2005, 5.600%, 12/01/35 (Alternative Minimum Tax)	12/15 at 100.00	BBB+	2,305,013
\$ 1,601,159	Total Municipal Bonds (cost \$1,507,125,531)			1,629,577,539

Principal

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

Amount (000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
	CORPORATE BONDS – 0.0% (0.0% of Total Investments)				
	Transportation – 0.0% (0.0% of Total Investments)				
\$ 23	Las Vegas Monorail Company, Senior Interest Bonds (7), (9)	5.500%	7/15/19	N/R	\$ 4,066
6	Las Vegas Monorail Company, Senior Interest Bonds (7), (9)	3.000%	7/15/55	N/R	804
\$ 29	Total Corporate Bonds (cost \$2,562)				4,870
	Total Long-Term Investments (cost \$1,507,128,093)				1,629,582,409

Nuveen Investments 49

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

April 30, 2015
(Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	SHORT-TERM INVESTMENTS – 0.1% (0.1% of Total Investments)			
	MUNICIPAL BONDS – 0.1% (0.1% of Total Investments)			
	California – 0.1% (0.1% of Total Investments)			
\$ 1,215	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014A, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	\$ 1,220,297
120	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014B, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	120,523
180	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014C, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	180,785
\$ 1,515	Total California			1,521,605
	Total Short-Term Investments (cost \$1,515,000)			1,521,605
	Total Investments (cost \$1,508,643,093) – 148.8%			1,631,104,014
	Floating Rate Obligations – (5.6)%			(61,024,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (44.6)% (10)			(489,500,000)
	Other Assets Less Liabilities – 1.4% (11)			15,688,864
	Net Assets Applicable to Common Shares – 100%			\$ 1,096,268,878

50 Nuveen Investments

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

Investments in Derivatives as of April 30, 2015

Interest Rate Swaps outstanding:

Counterparty	Notional Amount	Fund Pay/Receive Floating Rate	Index (Annualized Frequency)	Fixed Rate	Fixed Rate Payment	Effective Date (12)	Termination Date (Depreciation)	Unrealized Appreciation
JPMorgan	\$ 66,400,000	Receive	USD-SIFMA Weekly	2.030%	Quarterly	3/17/16	3/17/26	\$ (1,323,417)

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor’s Group (“Standard & Poor’s”), Moody’s Investors Service, Inc. (“Moody’s”) or Fitch, Inc. (“Fitch”) rating. Ratings below BBB by Standard & Poor’s, Baa by Moody’s or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in derivatives and/or inverse floating rate transactions.
- (6) As of, or subsequent to, the end of the reporting period this security is non-income producing. Non-income producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund’s Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has ceased accruing additional income on the Fund’s records.
- (7) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board. For fair value measurement disclosure purposes, investment classified as Level 3. See Notes to Financial Statements, Note 2 – Investment Valuation and Fair Value Measurements for more information.
- (8) On May 7, 2015, the Fund’s Adviser determined it was unlikely that this borrower would fulfill its entire obligation on this security, and therefore reduced the security’s interest rate of accrual from 5.250% to 2.100%.
- (9) During January 2010, Las Vegas Monorail Company (“Las Vegas Monorail”) filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund’s custodian is not accruing income on the Fund’s records for either senior interest corporate bond.
- (10) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 30.0%.
- (11) Other assets less liabilities includes the unrealized appreciation (depreciation) of certain over-the-counter derivatives as presented on the Statement of Assets and Liabilities. The unrealized

appreciation (depreciation) of exchange-cleared and exchange-traded derivatives is recognized as part of the cash collateral at brokers and/or the receivable or payable for variation margin as presented on the Statement of Assets and Liabilities, when applicable.

- (12) Effective date represents the date on which both the Fund and Counterparty commence interest payment accruals on each contract.
- (WI/DD) Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial Statements, Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

USD-SIFMA United States Dollar-Securities Industry and Financial Markets Association

See accompanying notes to financial statements.

Nuveen Investments 51

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

NPT Nuveen Premium Income Municipal Fund 4, Inc.
 Portfolio of Investments April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 146.9% (99.8% of Total Investments)			
	MUNICIPAL BONDS – 146.7% (99.6% of Total Investments)			
	Alabama – 3.8% (2.5% of Total Investments)			
\$ 11,895	Alabama Special Care Facilities Financing Authority, Birmingham, Hospital Revenue Bonds, Daughters of Charity National Health System – Providence Hospital and St. Vincent’s Hospital, Series 1995, 5.000%, 11/01/25 (ETM)	7/15 at 100.00	Aaa	\$ 11,943,294
5,000	Alabama Special Care Facilities Financing Authority, Revenue Bonds, Ascension Health, Series 2006C-2, 5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+	5,290,150
1,000	Birmingham Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Health System Inc., Series 2005A, 5.000%, 11/15/30	11/15 at 100.00	Baa2	1,003,610
1,000	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25 (Pre-refunded 6/01/15)	6/15 at 100.00	BBB (4)	1,004,100
1,500	Jefferson County, Alabama, Limited Obligation School Warrants, Education Tax Revenue Bonds, Series 2004A, 5.250%, 1/01/23 – AGM Insured	7/15 at 100.00	AA	1,506,345
2,375	Selma Industrial Development Board, Alabama, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2010A, 5.800%, 5/01/34	5/20 at 100.00	BBB	2,742,626
22,770	Total Alabama			23,490,125
	Arizona – 3.5% (2.3% of Total Investments)			
1,300	Apache County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds, Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30	3/22 at 100.00	A3	1,401,322
10,450	Arizona Sports and Tourism Authority, Tax Revenue Bonds, Multipurpose Stadium Facility Project, Refunding Senior Series 2012A, 5.000%, 7/01/30	7/22 at 100.00	A1	11,182,649
	Phoenix Mesa Gateway Airport Authority, Arizona, Special Facility Revenue Bonds, Mesa Project, Series 2012:			
400	5.000%, 7/01/27 (Alternative Minimum Tax)	7/22 at 100.00	AA+	452,492
950	5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	AA+	1,045,314
3,710			A	4,101,961

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

	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/41	7/21 at 100.00		
3,000	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	A-	3,414,270
19,810	Total Arizona California – 20.8% (14.1% of Total Investments)			21,598,008
1,500	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Insured Revenue Bonds, Channing House, Series 2010, 6.000%, 5/15/30	5/20 at 100.00	A+	1,773,735
8,000	Anaheim Public Financing Authority, California, Lease Revenue Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	9/17 at 100.00	AA-	8,186,960
5,000	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	5,137,750
710	California Health Facilities Financing Authority, Revenue Bonds, Saint Joseph Health System, Series 2013A, 5.000%, 7/01/37	7/23 at 100.00	AA-	797,408
2,900	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.000%, 11/15/42 (UB)	11/16 at 100.00	AA-	3,047,726
1,685	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 2015-XF0078, 13.571%, 5/15/40 (IF)	5/18 at 100.00	AA-	2,395,447
1,360	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB	1,507,342
2,000	California State Public Works Board, Lease Revenue Bonds, Judicial Council of California, Various Projects Series 2013A, 5.000%, 3/01/38	3/23 at 100.00	A1	2,218,420

52 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	California (continued)			
\$ 1,220	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009-I, 6.375%, 11/01/34	11/19 at 100.00	A1	\$ 1,485,252
1,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 5.750%, 3/01/30	3/20 at 100.00	A1	1,734,030
4,500	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2011A, 5.125%, 10/01/31	10/21 at 100.00	A1	5,124,915
19,095	California State, General Obligation Bonds, Various Purpose Series 2005, 5.000%, 6/01/33 (Pre-refunded 6/01/15) – CIFG Insured	6/15 at 100.00	Aa3 (4)	19,173,670
1,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	Aa3	1,170,100
1,030	California Statewide Communities Development Authority, Revenue Bonds, American Baptist Homes of the West, Series 2010, 6.250%, 10/01/39	10/19 at 100.00	BBB+	1,159,152
1,050	California Statewide Communities Development Authority, School Facility Revenue Bonds, Aspire Public Schools, Series 2010, 6.000%, 7/01/40	1/19 at 100.00	BB	1,123,269
1,000	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2005A, 5.000%, 7/01/39	7/15 at 100.00	CCC	905,040
3,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Election 2012 Series 2013B, 5.000%, 8/01/38	8/23 at 100.00	AA	3,386,490
3,000	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Refunding Series 2013A, 0.000%, 1/15/26	No Opt. Call	BBB-	2,215,290
1,000	Gavilan Joint Community College District, Santa Clara and San Benito Counties, California, General Obligation Bonds, Election of 2004 Series 2011D, 5.750%, 8/01/35	8/21 at 100.00	Aa2	1,186,880
2,000	Glendale Redevelopment Agency, California, Tax Allocation Bonds, Central Glendale Redevelopment Project, Series 2010, 5.500%, 12/01/24	12/16 at 100.00	A	2,100,360
	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1:			
1,860	4.500%, 6/01/27	6/17 at 100.00	B	1,810,375
3,000	5.750%, 6/01/47	6/17 at 100.00	B	2,608,170
610	5.125%, 6/01/47	6/17 at 100.00	B	487,225

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

3,190	Hillsborough City School District, San Mateo County, California, General Obligation Bonds, Series 2006B, 0.000%, 9/01/27	No Opt. Call	AAA	2,176,888
540	Madera County, California, Certificates of Participation, Children's Hospital Central California, Series 2010, 5.375%, 3/15/36	3/20 at 100.00	AA-	604,503
2,000	Marinez Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2011, 5.875%, 8/01/31	8/24 at 100.00	AA	2,511,160
1,000	Mendocino-Lake Community College District, California, General Obligation Bonds, Election 2006, Series 2011B, 0.000%, 8/01/31 - AGM Insured	8/26 at 100.00	AA	1,131,490
1,030	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/28	2/28 at 100.00	AA	875,170
2,700	M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts, Series 2009C, 7.000%, 11/01/34	No Opt. Call	A	3,766,905
3,000	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.625%, 11/01/29	11/19 at 100.00	Ba1	3,351,660
1,250	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 5.250%, 11/01/21	11/20 at 100.00	Ba1	1,360,588
2,500	Petaluma, Sonoma County, California, Wastewater Revenue Bonds, Refunding Series 2011, 5.500%, 5/01/32	5/21 at 100.00	AA-	2,911,700
2,000	Ridgecrest Redevelopment Agency, California, Ridgecrest Redevelopment Project Tax Allocation Bonds, Refunding Series 2010, 6.125%, 6/30/37	6/20 at 100.00	A-	2,319,340
11,310	San Francisco Bay Area Rapid Transit District, California, Sales Tax Revenue Bonds, Refunding Series 2006A, 4.250%, 7/01/31 - AGM Insured (UB)	7/16 at 100.00	AA+	11,461,780
670	San Francisco Redevelopment Finance Authority, California, Tax Allocation Revenue Bonds, Mission Bay North Redevelopment Project, Series 2009C, 6.500%, 8/01/39	8/19 at 100.00	A-	776,262

NPT Nuveen Premium Income Municipal Fund 4, Inc.
 Portfolio of Investments (continued) April 30, 2015
(Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
California (continued)				
\$ 2,700	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Junior Lien Series 2014B, 5.250%, 1/15/44	1/25 at 100.00	BB+	\$ 2,976,021
5,605	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Bonds, Refunding Senior Lien Series 2014A, 5.000%, 1/15/44	1/25 at 100.00	BBB-	6,160,848
4,000	San Luis Obispo County Financing Authority, California, Revenue Bonds, Nacimiento Water Project, Tender Option Bond Trust 3030, 17.597%, 9/01/38 – NPFG Insured (IF)	9/17 at 100.00	AA+	5,330,120
690	Semitrophic Improvement District of Semitrophic Water Storage District, Kern County, California, Revenue Bonds, Refunding Series 2009A, 5.000%, 12/01/38	12/19 at 100.00	A+	781,749
4,005	Wisburn School District, Los Angeles County, California, General Obligation Bonds, Series 2011B: 0.000%, 8/01/36 – AGM Insured	8/31 at 100.00	AA	2,871,064
3,900	5.625%, 5/01/41 – AGM Insured	8/21 at 100.00	AA	4,708,899
3,000	Yuba Community College District, California, General Obligation Bonds, Election 2006 Series 2011C, 5.250%, 8/01/47	8/21 at 100.00	Aa2	3,325,800
123,110	Total California			130,136,953
Colorado – 7.9% (5.3% of Total Investments)				
1,250	Adams County School District 1, Mapleton Public Schools, Colorado, General Obligation Bonds, Series 2010, 6.250%, 12/01/35	12/20 at 100.00	Aa2	1,495,813
700	Brighton Crossing Metropolitan District 4, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited Tax, Refunding Series 2013, 7.000%, 12/01/23	7/18 at 100.00	N/R	718,494
625	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2013A, 6.000%, 12/01/38	12/23 at 100.00	BBB	736,438
1,240	Colorado City Metropolitan District, Oueblo county, Colorado, Water and Wastewater Enterprise Revenue Bonds, Refunding & Improvement Series 2012, 4.500%, 12/01/34	No Opt. Call	A-	1,255,326
1,000	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Pinnacle Charter School, Inc. High School Project, Series 2010, 5.000%, 12/01/29	12/19 at 100.00	BBB	1,063,890

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

2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Children's Hospital Colorado Project, Series 2013A, 5.000%, 12/01/36	12/23 at 100.00	A+	2,179,720
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Craig Hospital Project, Series 2012, 4.000%, 12/01/42	No Opt. Call	A	2,011,000
585	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Evangelical Lutheran Good Samaritan Society Project, Series 2013, 5.625%, 6/01/43	6/23 at 100.00	A3	658,926
945	Colorado Springs, Colorado, Utilities System Revenue Bonds, Improvement Series 2008C, 5.500%, 11/15/48	11/18 at 100.00	AA	1,064,665
2,250	Colorado Springs, Colorado, Utilities System Revenue Bonds, Improvement Series 2013B-1, 5.000%, 11/15/38	11/23 at 100.00	AA	2,546,977
25	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System Revenue Bonds, Series 2009A, 5.000%, 3/01/34	3/19 at 100.00	Aa2	27,803
1,175	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System Revenue Bonds, Series 2009A, 5.000%, 3/01/34 (Pre-refunded 3/01/19)	3/19 at 100.00	N/R (4)	1,338,184
3,000	Colorado State Board of Governors, Colorado State University Auxiliary Enterprise System Revenue Bonds, Series 2015C, 4.000%, 3/01/32	3/25 at 100.00	Aa2	3,121,260
1,210	Colorado Water Resources and Power Development Authority, Water Resources Revenue Bonds, City of Fountain, Electric, Water & Wastewater Utility Enterprise Project, Series 2013A, 5.000%, 9/01/38 – AGM Insured Commerce City Northern Infrastructure General Improvement District, Colorado, General Obligation Bonds, Series 2013:	9/22 at 100.00	AA	1,352,199
1,070	5.000%, 12/01/29 – AGM Insured	12/22 at 100.00	AA	1,224,669
1,685	5.000%, 12/01/30 – AGM Insured	12/22 at 100.00	AA	1,919,316
1,000	5.000%, 12/01/31 – AGM Insured	12/22 at 100.00	AA	1,130,930
1,945	Commerce City, Colorado, Sales and Use Tax Revenue Bonds, Refunding Series 2015, 5.000%, 8/01/36 – BAM Insured	8/25 at 100.00	AA	2,212,399

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Colorado (continued)				
\$ 1,000	Concord Metropolitan District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2010, 5.375%, 12/01/40	12/20 at 100.00	BBB+	\$ 1,077,520
2,200	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2012B, 5.000%, 11/15/32	11/22 at 100.00	A+	2,491,808
3,000	Eagle River Water and Sanitation District, Eagle County, Colorado, Enterprise Wastewater Revenue Bonds, Series 2012, 5.000%, 12/01/42	No Opt. Call	A+	3,326,970
Foothills Metropolitan District In the City of Fort Collins, Colorado, Special Revenue Bonds, Series 2014:				
1,125	5.750%, 12/01/30	12/24 at 100.00	N/R	1,205,325
500	6.000%, 12/01/38	12/24 at 100.00	N/R	534,530
1,000	Meridian Metropolitan District, Douglas County, Colorado, General Obligation Refunding Bonds, Series 2011A, 5.000%, 12/01/41	12/21 at 100.00	A	1,067,510
3,015	Park Creek Metropolitan District, Colorado, Senior Limited Property Tax Supported Revenue Refunding Bonds, Series 2011, 6.125%, 12/01/41 – AGM Insured	12/20 at 100.00	AA	3,572,624
2,090	Parker Water and Sanitation District, Douglas County, Colorado, General Obligation Bonds, Refunding Series 2012, 4.500%, 8/01/37	No Opt. Call	AA–	2,257,514
Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010:				
1,245	6.000%, 1/15/34	7/20 at 100.00	Baa3	1,425,401
2,365	6.000%, 1/15/41	7/20 at 100.00	Baa3	2,702,793
2,100	Salida Hospital District, Colorado, Revenue Bonds, Series 2006, 5.250%, 10/01/36	10/16 at 100.00	N/R	2,115,603
1,465	SBC Metropolitan District, Colorado, General Obligation Bonds, Series 2012, 4.000%, 12/01/37	No Opt. Call	BBB+	1,437,238
44,810	Total Colorado			49,272,845
Florida – 7.5% (5.1% of Total Investments)				
1,250	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2010A, 6.000%, 9/01/40	9/20 at 100.00	BBB–	1,341,663
1,005	Bay County, Florida, Educational Facilities Revenue Refunding Bonds, Bay Haven Charter Academy, Inc. Project, Series 2013A: 5.000%, 9/01/43	9/23 at 100.00	BBB–	1,036,024

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

865	5.000%, 9/01/45	9/23 at 100.00	BBB-	890,492
2,115	Brevard County Health Facilities Authority, Florida, Health Facilities Revenue Bonds, Health First, Inc. Project, Series 2009B, 7.000%, 4/01/39 (Pre-refunded 4/01/19)	4/19 at 100.00	A- (4)	2,580,998
1,480	Brwoard County, Florida, Fuel System Revenue Bonds, Fort Lauderdale Fuel Facilities LLC Project, Series 2013A, 5.000%, 4/01/33 – AGM Insured (Alternative Minimum Tax)	4/23 at 100.00	AA	1,594,138
2,000	Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	AA	2,208,700
1,100	Florida Higher Educational Facilities Financing Authority, Revenue Bonds, Nova Southeastern University, Refunding Series 2011, 6.375%, 4/01/31	4/21 at 100.00	Baa1	1,287,594
1,795	Jacksonville, Florida, Transportation Revenue Bonds, Refunding Series 2012A, 5.000%, 10/01/24	10/22 at 100.00	AA-	2,137,288
2,050	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2005A, 5.000%, 10/01/37 – SYNCORA GTY Insured (Alternative Minimum Tax)	10/15 at 100.00	A	2,079,725
1,170	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Refunding Series 2012, 5.000%, 7/01/42	7/22 at 100.00	AA	1,299,168
7,045	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	Aa3	7,797,970
1,000	Northern Palm Beach County Improvement District, Florida, Water Control and Improvement Bonds, Development Unit 46B, Series 2007A, 5.350%, 8/01/41	8/17 at 100.00	N/R	1,020,420
1,800	Old Palm Community Development District, Florida, Special Assessment Bonds, Palm Beach Gardens, Series 2004A, 5.900%, 5/01/35	5/15 at 101.00	N/R	1,819,818
5,455	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System Obligation Group, Series 2007, 5.000%, 8/15/42 (UB) (5)	8/17 at 100.00	AA	5,749,188

Nuveen Investments 55

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

NPT Nuveen Premium Income Municipal Fund 4, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Florida (continued)				
\$ 1,350	Sumter County Industrial Development Authority, Florida, Hospital Revenue Bonds, Central Florida Health Alliance Projects, Series 2014A, 5.125%, 7/01/34	1/24 at 100.00	A3	\$ 1,478,385
11,000	Sunrise, Florida, Utility System Revenue Refunding Bonds, Series 1998, 5.000%, 10/01/28 – AMBAC Insured	10/18 at 100.00	AA–	12,270,060
42,480	Total Florida			46,591,631
Georgia – 3.4% (2.3% of Total Investments)				
5,000	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2015, 5.000%, 11/01/40	5/25 at 100.00	AA–	5,655,450
4,400	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 1999A, 5.500%, 11/01/22 – FGIC Insured	No Opt. Call	AA–	5,384,896
1,500	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series 2009B, 5.250%, 11/01/34 – AGM Insured	11/19 at 100.00	AA	1,697,970
2,500	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2010A, 5.000%, 2/15/30	2/20 at 100.00	A	2,740,225
5,105	Georgia Municipal Electric Authority, General Power Revenue Bonds, Series 1993B, 5.700%, 1/01/19 – FGIC Insured (ETM)	No Opt. Call	A1 (4)	5,853,240
18,505	Total Georgia			21,331,781
Guam – 0.7% (0.5% of Total Investments)				
4,000	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2010, 5.500%, 7/01/30	7/20 at 100.00	A–	4,412,880
Hawaii – 0.9% (0.6% of Total Investments)				
1,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2010A, 5.500%, 7/01/40	7/20 at 100.00	A	1,120,370
3,000	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 2013A, 5.500%, 7/01/43	7/23 at 100.00	A	3,430,980
1,175	Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific University, Series 2013A, 6.625%, 7/01/33	7/23 at 100.00	BB+	1,325,400
5,175	Total Hawaii			5,876,750
Idaho – 0.5% (0.4% of Total Investments)				
135	Idaho Housing and Finance Association, Single Family Mortgage Revenue Bonds, Series 2009BI, 5.650%, 7/01/26	7/19 at 100.00	A1	141,776
595	Idaho Water Resource Board, Water Resource Loan Program Revenue, Ground Water Rights Mitigation Series 2012A, 5.000%, 9/01/32	9/22 at 100.00	Baa1	637,947

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

2,230	Twin Falls County School District 411, Idaho, General Obligation Bonds, Series 2014A, 4.500%, 9/15/32	No Opt. Call	Aa1	2,488,011
2,960	Total Idaho			3,267,734
	Illinois – 16.6% (11.3% of Total Investments)			
415	Chicago, Illinois, General Airport Revenue Bonds, O’Hare International Airport, Third Lien Series 2005A, 5.000%, 1/01/33 – FGIC Insured	1/16 at 100.00	AA–	427,292
1,250	Cook County Forest Preserve District, Illinois, General Obligation Bonds, Personal Property Replacement Tax Alternate Source, Series 2012C, 5.000%, 12/15/37 – AGM Insured	6/22 at 100.00	AA	1,373,900
1,685	Cook County School District 99, Cicero, Illinois, General Obligation School Bonds, Series 1997, 8.500%, 12/01/15 – FGIC Insured	No Opt. Call	A3	1,762,763
1,000	Illinois Finance Authority, Revenue Bonds, Central DuPage Health, Series 2009, 5.250%, 11/01/39	11/19 at 100.00	AA	1,119,590
5,220	Illinois Finance Authority, Revenue Bonds, DePaul University, Series 2011A, 5.750%, 10/01/27	4/21 at 100.00	A	6,021,427
3,000	Illinois Finance Authority, Revenue Bonds, Elmhurst Memorial Healthcare, Series 2008A, 5.625%, 1/01/37	1/18 at 100.00	Baa2	3,248,610
5,015	Illinois Finance Authority, Revenue Bonds, Ingalls Health System, Series 2013, 5.000%, 5/15/43	5/22 at 100.00	Baa1	5,230,896
3,160	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Refunding Series 2010A, 6.000%, 5/15/39	5/20 at 100.00	A	3,687,309

56 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Illinois (continued)			
\$ 500	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	\$ 614,640
415	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A: 5.500%, 7/01/28	7/23 at 100.00	A-	484,421
905	6.000%, 7/01/43	7/23 at 100.00	A-	1,076,181
1,665	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2009C, 6.625%, 11/01/39 (Pre-refunded 5/01/19)	5/19 at 100.00	Aaa	2,005,276
2,740	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group, Series 2015B, 5.000%, 11/15/34	5/25 at 100.00	A+	3,042,523
5,565	Illinois Finance Authority, Revenue Bonds, Sherman Health Systems, Series 2007A, 5.500%, 8/01/37 (Pre-refunded 8/01/17)	8/17 at 100.00	N/R (4)	6,136,247
920	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Refunding Series 2015C, 5.000%, 8/15/44	8/25 at 100.00	Baa1	991,705
2,000	Illinois Finance Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 2009: 6.875%, 8/15/38 (Pre-refunded 8/15/19)	8/19 at 100.00	BBB+ (4)	2,454,300
2,000	7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	BBB+ (4)	2,464,680
500	Illinois Finance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc., Series 2005 Remarketed, 5.250%, 3/01/30 – AGM Insured	3/20 at 100.00	AA	559,105
2,910	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25	5/19 at 100.00	BBB+	3,296,215
90	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation, Series 2009, 6.125%, 5/15/25 (Pre-refunded 5/15/19)	5/19 at 100.00	N/R (4)	107,300
990	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34	5/17 at 100.00	BBB+	1,020,324
2,615	Illinois State, General Obligation Bonds, Refunding Series 2012, 5.000%, 8/01/25	8/22 at 100.00	A-	2,861,281
910	Illinois State, General Obligation Bonds, Series 2013, 5.500%, 7/01/38	7/23 at 100.00	A-	1,002,274
5,295	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38	1/23 at 100.00	AA-	5,881,368

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

9,795	Lake, Cook, Kane and McHenry Counties Community Unit School District 220, Barrington, Illinois, General Obligation Bonds, Refunding Series 2002, 5.250%, 12/01/19 – AGM Insured (UB)	No Opt. Call	AAA	11,453,098
1,245	Mc Henry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011B, 6.250%, 2/01/21 – AGM Insured	2/20 at 100.00	A2	1,481,052
825	McHenry and Lake Counties Community Consolidated School District 26, Cary, Illinois, General Obligation Bonds, Series 2011A: 6.000%, 2/01/24 – AGM Insured	2/20 at 100.00	A2	965,192
1,030	6.000%, 2/01/25 – AGM Insured	2/20 at 100.00	A2	1,205,028
2,500	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2012B, 5.000%, 6/15/52	6/22 at 100.00	AAA	2,617,025
9,500	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A: 0.000%, 6/15/24 – NPMFG Insured	6/22 at 101.00	AAA	9,878,765
36,040	0.000%, 6/15/40 – NPMFG Insured	No Opt. Call	AAA	11,203,034
480	Quad Cities Regional Economic Development Authority, Illinois, Revenue Bonds, Augustana College, Series 2012: 5.000%, 10/01/25	10/22 at 100.00	Baa1	528,984
400	5.000%, 10/01/26	10/22 at 100.00	Baa1	438,076
780	Railsplitter Tobacco Settlement Authority, Illinois, Tobacco Settlement Revenue Bonds, Series 2010: 5.250%, 6/01/21	No Opt. Call	A	916,157
2,000	6.250%, 6/01/24	6/16 at 100.00	A	2,127,700
1,945	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. Call	AA	2,264,311

Nuveen Investments 57

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

NPT Nuveen Premium Income Municipal Fund 4, Inc.
Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Illinois (continued)			
\$ 1,580	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/32	10/23 at 100.00	A	\$ 1,836,434
118,885	Total Illinois			103,784,483
	Indiana – 3.3% (2.3% of Total Investments)			
	Carmel Redevelopment Authority, Indiana, Lease Rent Revenue Bonds, Series 2005:			
1,950	0.000%, 2/01/24	No Opt. Call	AA+	1,524,900
2,705	0.000%, 2/01/25	No Opt. Call	AA+	2,037,352
3,000	Delaware County Hospital Authority, Indiana, Hospital Revenue Bonds, Cardinal Health System, Series 2006, 5.250%, 8/01/36 (Pre-refunded 8/01/16)	8/16 at 100.00	N/R (4)	3,182,190
680	Indiana Finance Authority, Educational Facilities Refunding Revenue Bonds, Butler University Project, Series 2012B, 5.000%, 2/01/29	2/22 at 100.00	BBB+	755,956
1,050	Indiana Finance Authority, Educational Facilities Revenue Bonds, Drexel Foundation For Educational Excellence, Inc., Series 2009A, 7.000%, 10/01/39	10/19 at 100.00	BB–	1,068,365
1,500	Indiana Finance Authority, Hospital Revenue Bonds, Floyd Memorial Hospital and Health Services Project, Refunding Series 2010, 5.125%, 3/01/30	3/20 at 100.00	BBB	1,609,230
3,000	Indiana Finance Authority, Hospital Revenue Bonds, Indiana University Health Obligation Group, Refunding 2015A, 5.000%, 12/01/35 (WI/DD, Settling 5/07/15)	6/25 at 100.00	AA–	3,376,830
5,380	Indiana Finance Authority, Private Activity Bonds, Ohio River Bridges East End Crossing Project, Series 2013A, 5.000%, 7/01/44 (Alternative Minimum Tax)	7/23 at 100.00	BBB	5,749,552
	Indiana Finance Authority, Tax-Exempt Private Activity Revenue Bonds, I-69 Section 5 Project, Series 2014:			
605	5.250%, 9/01/34 (Alternative Minimum Tax)	9/24 at 100.00	BBB	669,868
255	5.250%, 9/01/40 (Alternative Minimum Tax)	9/24 at 100.00	BBB	279,824
520	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 – AGM Insured	No Opt. Call	AA	527,790
20,645	Total Indiana			20,781,857
	Iowa – 0.8% (0.5% of Total Investments)			
1,000	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project, Series 2006A, 5.000%, 7/01/20	7/16 at 100.00	BB+	1,026,320

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

1,630	Iowa Higher Education Loan Authority, Private College Facility Revenue Bonds, University of Dubuque Project, Refunding Series 2011, 6.000%, 10/01/31	10/21 at 100.00	BBB-	1,773,456
2,000	Iowa Student Loan Liquidity Corporation, Student Loan Revenue Bonds, Refunding Series 2009-2, 5.500%, 12/01/25	12/19 at 100.00	A1	2,195,600
4,630	Total Iowa Kansas – 1.1% (0.7% of Total Investments)			4,995,376
	Johnson and Miami Counties Unified School District 230, Kansas, General Obligation Bonds, Series 2011A:			
2,000	5.000%, 9/01/26	9/21 at 100.00	Aa3	2,328,040
1,400	5.000%, 9/01/27	9/21 at 100.00	Aa3	1,618,246
1,485	Kansas State Power Pool, Electric Utility Revenue Bonds, Dogwood Energy Facility, Series 2012A, 5.000%, 12/01/31	12/20 at 100.00	Baa1	1,570,818
600	Overland Park Transportation Development District, Kansas, Sales Tax Revenue Bonds, Oak Park Mall Project, Series 2010, 5.900%, 4/01/32	4/20 at 100.00	BBB	655,470
775	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Capital Appreciation Revenue Bonds Redevelopment Project Area B – Major Multi-Sport Athletic Complex Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21	No Opt. Call	A-	561,387
6,260	Total Kansas			6,733,961

58 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Kentucky – 1.9% (1.3% of Total Investments)				
\$ 1,000	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.000%, 6/01/30	6/20 at 100.00	BBB+	\$ 1,137,730
5,000	Pikeville, Kentucky, Hospital Revenue Bonds, Pikeville Medical Center, Inc. Project, Improvement and Refunding Series 2011, 6.250%, 3/01/31	3/21 at 100.00	A3	5,990,600
4,000	Warren County, Kentucky, Hospital Refunding Revenue Bonds, Bowling Green-Warren County Community Hospital Corporation, Series 2013, 5.000%, 4/01/28	4/23 at 100.00	A	4,503,800
10,000	Total Kentucky			11,632,130
Louisiana – 8.1% (5.5% of Total Investments)				
1,700	Louisiana Local Government Environmental Facilities and Community Development Authority, GNMA Collateralized Mortgage Revenue Refunding Bonds, Sharlo Apartments, Series 2002A, 6.500%, 6/20/37 (Pre-refunded 5/18/15)	5/15 at 103.40	Ba3 (4)	1,763,155
7,445	Louisiana Public Facilities Authority, Dock and Wharf Revenue Bonds, Impala Warehousing (US) LLC Project, Series 2013, 6.500%, 7/01/36 (Alternative Minimum Tax)	7/23 at 100.00	N/R	8,484,024
1,460	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Refunding Series 2015A, 5.000%, 7/01/39	7/25 at 100.00	A+	1,611,110
2,255	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/32	8/15 at 100.00	A+	2,272,386
2,895	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/32 (Pre-refunded 8/15/15)	8/15 at 100.00	N/R (4)	2,937,962
3,800	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A, 5.500%, 5/15/47	5/17 at 100.00	Baa1	3,962,792
Louisiana Stadium and Exposition District, Revenue Refunding Bonds, Senior Lien Series 2013A:				
5,390	5.000%, 7/01/30	7/23 at 100.00	A	6,111,398
4,580	5.000%, 7/01/31	7/23 at 100.00	A	5,164,820
300	5.000%, 7/01/36	7/23 at 100.00	A	331,047
Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:				
1,480	4.750%, 5/01/39 (Pre-refunded 5/01/16) – AGM Insured	5/16 at 100.00	Aa1 (4)	1,545,623

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

15,820	4.500%, 5/01/41 (Pre-refunded 5/01/16) – FGIC Insured (UB)	5/16 at 100.00	Aa1 (4)	16,481,751
170	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006, Residuals 661, 15.955%, 5/01/34 (Pre-refunded 5/01/16) – NPMFG Insured (IF)	5/16 at 100.00	Aa1 (4)	198,434
47,295	Total Louisiana Maine – 0.7% (0.5% of Total Investments)			50,864,502
540	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical Center Obligated Group Issue, Series 2013, 5.000%, 7/01/43	7/23 at 100.00	Baa1	570,537
2,000	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Maine General Medical Center, Series 2011, 6.750%, 7/01/36	7/21 at 100.00	BBB–	2,294,400
1,250	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	AA	1,364,650
3,790	Total Maine Maryland – 0.0% (0.0% of Total Investments)			4,229,587
205	Maryland Community Development Administration, Housing Revenue Bonds, Series 1996A, 5.875%, 7/01/16	7/15 at 100.00	Aa2	205,681
	Massachusetts – 1.1% (0.7% of Total Investments)			
1,000	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/15 at 101.00	N/R	1,010,720
1,900	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,142,592
3,465	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007A, 4.500%, 8/01/46 – AGM Insured (UB) (5)	2/17 at 100.00	AA+	3,538,666
6,365	Total Massachusetts			6,691,978

Nuveen Investments 59

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

NPT Nuveen Premium Income Municipal Fund 4, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Michigan – 3.5% (2.4% of Total Investments)				
\$ 355	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	BBB+	\$ 381,714
625	Detroit, Michigan, Distributable State Aid General Obligation Bonds, Limited Tax Series 2010, 5.000%, 11/01/30	11/20 at 100.00	AA	662,881
6,000	Detroit, Michigan, Second Lien Sewerage Disposal System Revenue Bonds, Series 2005A, 5.000%, 7/01/35 – NPMFG Insured	7/15 at 100.00	AA–	6,083,880
5,400	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured	7/16 at 100.00	AA–	5,401,188
2,000	Detroit, Michigan, Water Supply System Revenue Bonds, Senior Lien Series 2011A, 5.250%, 7/01/41	7/21 at 100.00	BBB+	2,130,860
1,500	Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, W.A. Foote Memorial Hospital, Refunding Series 2006B-2, 5.000%, 6/01/27 – AGM Insured	6/20 at 100.00	AA	1,681,065
3,220	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009, 5.750%, 11/15/39	11/19 at 100.00	A–	3,625,366
1,635	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31	12/16 at 100.00	AA	1,737,645
365	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A, 5.000%, 12/01/31 (Pre-refunded 12/01/16)	12/16 at 100.00	Aa2 (4)	390,882
21,100	Total Michigan			22,095,481
Minnesota – 1.1% (0.8% of Total Investments)				
1,000	Duluth Housing & Redevelopment Authority, Minnesota, Lease Revenue Bonds, Duluth Public Schools Academy, Series 2010A, 5.875%, 11/01/40	11/20 at 100.00	BBB–	1,069,120
2,310	Hermantown Independent School District 700, Minnesota, General Obligation Bonds, School Building Series 2014A, 4.000%, 2/01/29	2/24 at 100.00	Aa2	2,488,424
500	Minneapolis-St. Paul Metropolitan Airports Commission, Minnesota, Airport Revenue Bonds, Subordinate Lien, Refunding Series 2014A, 5.000%, 1/01/30	1/24 at 100.00	A	570,085
2,875	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36	8/16 at 100.00	N/R	2,890,554
6,685	Total Minnesota			7,018,183

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

Mississippi – 1.3% (0.9% of Total Investments)				
835	Mississippi Business Finance Corporation, Pollution Control Revenue Refunding Bonds, System Energy Resources Inc. Project, Series 1998, 5.875%, 4/01/22	10/15 at 100.00	BBB	840,010
5,215	Mississippi, General Obligation Bonds, Refunding Series 2002A, 5.500%, 12/01/18	No Opt. Call	AA+	6,022,543
1,000	Warren County, Mississippi, Gulf Opportunity Zone Revenue Bonds, International Paper Company Project, Series 2008A, 6.500%, 9/01/32	9/18 at 100.00	BBB	1,151,670
7,050	Total Mississippi			8,014,223
Missouri – 3.8% (2.6% of Total Investments)				
1,380	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/44	10/22 at 100.00	AA+	1,535,153
1,600	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Saint Francis Medical Center, Series 2013A, 3.375%, 6/01/28	6/22 at 100.00	AA–	1,594,240
2,000	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 100.00	B	1,820,240
1,000	Hanley Road Corridor Transportation Development District, Brentwood and Maplewood, Missouri, Transportation Sales Revenue Bonds, Refunding Series 2009A, 5.875%, 10/01/36	10/19 at 100.00	A–	1,124,200
	Jackson County, Missouri, Special Obligation Bonds, Refunding Series 2015:			
750	3.000%, 12/01/27	12/24 at 100.00	Aa3	743,640
500	3.000%, 12/01/29	12/24 at 100.00	Aa3	483,810
350	3.125%, 12/01/30	12/24 at 100.00	Aa3	340,326
1,000	Liberty Public School District 53, Clay County, Missouri, Lease Participation Certificates, School Boards Association, Series 2014, 5.000%, 4/01/31	4/22 at 100.00	AA–	1,114,190

60 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Missouri (continued)			
	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Kansas City University of Medicine and Biosciences, Series 2013A:			
\$ 1,590	5.000%, 6/01/30	6/23 at 100.00	A1	\$ 1,750,781
2,700	5.000%, 6/01/33	6/23 at 100.00	A1	2,949,210
665	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, Saint Louis College of Pharmacy, Series 2013, 5.250%, 5/01/33	5/23 at 100.00	BBB+	726,685
505	Missouri Health and Educational Facilities Authority, Educational Facilities Revenue Bonds, University of Central Missouri, Series 2013C2, 5.000%, 10/01/34	10/23 at 100.00	A	568,832
2,000	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Mercy Health, Series 2014F, 5.000%, 11/15/45	11/24 at 100.00	AA-	2,232,940
	Missouri Joint Municipal Electric Utility Commission, Power Project Revenue Bonds, Plum Point Project, Refunding Series 2014A:			
1,000	5.000%, 1/01/32	1/25 at 100.00	A-	1,126,480
1,010	5.000%, 1/01/34	1/25 at 100.00	A-	1,135,089
	Missouri Joint Municipal Electric Utility Commission, Power Supply System Revenue Bonds, MoPEP Facilities, Series 2012:			
1,080	5.000%, 1/01/22	1/21 at 100.00	A2	1,252,811
1,110	5.000%, 1/01/23	1/21 at 100.00	A2	1,270,950
1,250	5.000%, 1/01/25	1/21 at 100.00	A2	1,412,075
430	St. Louis County Industrial Development Authority, Missouri, Revenue Bonds, Friendship Village of Sunset Hills, Series 2013A, 5.875%, 9/01/43	9/23 at 100.00	A-	483,892
21,920	Total Missouri			23,665,544
	Nebraska – 1.5% (1.0% of Total Investments)			
	Douglas County Hospital Authority 2, Nebraska, Hospital Revenue Bonds, Madonna Rehabilitation Hospital Project, Series 2014:			
1,930	5.000%, 5/15/27	5/24 at 100.00	BBB+	2,183,525
3,000	5.000%, 5/15/36	5/24 at 100.00	BBB+	3,262,470

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

2,000	Fremont, Nebraska, Combined Utilities System Revenue Bonds, Series 2014B, 5.000%, 7/15/34	7/21 at 100.00	AA-	2,262,860
500	Lincoln County Hospital Authority 1, Nebraska, Hospital Revenue and Refunding Bonds, Great Plains Regional Medical Center Project, Series 2012, 5.000%, 11/01/42	No Opt. Call	A-	543,990
1,000	Papillion-LaVista School District 27, Sarpy County, Nebraska, General Obligation Bonds, Series 2014, 5.000%, 12/01/25	6/24 at 100.00	Aa2	1,219,080
8,430	Total Nebraska			9,471,925
	Nevada – 1.1% (0.7% of Total Investments)			
4,000	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	4,677,080
1,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB	1,964,044
5,700	Total Nevada			6,641,124
	New Jersey – 1.5% (1.0% of Total Investments)			
615	Gloucester County Pollution Control Financing Authority, New Jersey, Pollution Control Revenue Bonds, Logan Project, Refunding Series 2014A, 5.000%, 12/01/24 (Alternative Minimum Tax)	No Opt. Call	BBB-	694,046
	New Jersey Economic Development Authority, Student Housing Revenue Bonds, Provident Group-Montclair Properties LLC, Montclair State University Student Housing Project, Series 2010A:			
835	5.750%, 6/01/31	6/20 at 100.00	Baa3	936,686
3,000	5.875%, 6/01/42	6/20 at 100.00	Baa3	3,355,170
1,120	New Jersey Educational Facilities Authority, Revenue Bonds, Seton Hall University, Series 2013D, 5.000%, 7/01/33	7/23 at 100.00	A	1,237,589
575	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C, 6.500%, 1/01/16 – NPMFG Insured	No Opt. Call	AA-	598,679

Nuveen Investments 61

NPT		Nuveen Premium Income Municipal Fund 4, Inc. Portfolio of Investments (continued)		April 30, 2015 (Unaudited)	
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value	
	New Jersey (continued)				
	New Jersey Turnpike Authority, Revenue Bonds, Series 1991C:				
\$305	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	AA– (4)	\$ 317,795	
300	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	AA– (4)	312,585	
115	6.500%, 1/01/16 – NPMFG Insured (ETM)	No Opt. Call	AA– (4)	119,824	
2,710	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 100.00 4.750%, 6/01/34	6/17 at 100.00	B2	2,101,551	
9,575	Total New Jersey			9,673,925	
	New Mexico – 0.3% (0.2% of Total Investments)				
1,500	New Mexico Hospital Equipment Loan Council, First Mortgage Revenue Bonds, La Vida LLena Project, Series 2010A, 6.125%, 7/01/40	7/20 at 100.00	BBB–	1,610,490	
	New York – 6.2% (4.2% of Total Investments)				
855	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter Schools, Series 2007A, 5.000%, 4/01/32	4/17 at 100.00	B+	777,563	
	Brooklyn Arena Local Development Corporation, New York, Payment in Lieu of Taxes Revenue Bonds, Barclays Center Project, Series 2009:				
1,945	6.000%, 7/15/30	1/20 at 100.00	BBB–	2,267,617	
3,065	6.250%, 7/15/40	1/20 at 100.00	BBB–	3,598,463	
450	Buffalo and Erie County Industrial Land Development Corporation, New York, Revenue Bonds, Catholic Health System, Inc. Project, Series 2015, 5.250%, 7/01/35	7/25 at 100.00	BBB+	505,598	
4,070	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 – NPMFG Insured	2/17 at 100.00	AA–	4,248,917	
3,000	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2014A, 5.000%, 9/01/39	9/24 at 100.00	A–	3,307,860	
1,070	Metropolitan Transportation Authority, New York, Dedicated Tax Fund Bonds, Series 2009B, 5.000%, 11/15/34	11/19 at 100.00	AA	1,220,624	
2,500			AA–	2,771,925	

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

	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2013A, 5.000%, 11/15/38	5/23 at 100.00		
1,250	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Second Generation Resolution, Fiscal 2011 Series EE, 5.375%, 6/15/43	12/20 at 100.00	AA+	1,472,288
3,750	New York City Municipal Water Finance Authority, New York, Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2015 Series AA, 4.000%, 6/15/44	6/24 at 100.00	AA+	3,849,487
5,000	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 3 World Trade Center Project, Class 1 Series 2014, 5.000%, 11/15/44	11/24 at 100.00	N/R	5,227,650
1,870	New York Liberty Development Corporation, New York, Liberty Revenue Bonds, 4 World Trade Center Project, Series 2011, 5.000%, 11/15/44	11/21 at 100.00	A+	2,065,135
795	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	937,392
6,250	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Call Series 1997, 6.250%, 12/01/15 – NPMFG Insured (Alternative Minimum Tax)	No Opt.	AA–	6,379,375
35,870	Total New York			38,629,894
	North Carolina – 0.7% (0.5% of Total Investments)			
750	Charlotte-Mecklenburg Hospital Authority, North Carolina, Health Care System Revenue Bonds, Carolinas Health Care, Series 2007A, 5.000%, 1/15/31	1/17 at 100.00	AA–	791,220
	University of North Carolina, Charlotte, General Revenue Bonds, Series 2015:			
2,000	4.000%, 4/01/35	4/25 at 100.00	Aa3	2,089,980
1,250	5.000%, 4/01/40	4/25 at 100.00	Aa3	1,404,850
4,000	Total North Carolina			4,286,050

62 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	North Dakota – 0.8% (0.6% of Total Investments)			
\$ 1,000	Burleigh County, North Dakota, Health Care Revenue Bonds, Saint Alexius Medical Center Project, Series 2014A, 5.000%, 7/01/35 (Pre-refunded 7/01/21)	7/21 at 100.00	BBB+ (4)	\$ 1,197,360
2,190	Fargo, North Dakota, Health System Revenue Bonds, Sanford Health, Refunding Series 2011, 6.250%, 11/01/31	11/21 at 100.00	A+	2,680,078
1,125	Grand Forks, North Dakota, Health Care System Revenue Bonds, Altru Health System Obligated Group, Series 2012, 5.000%, 12/01/32	12/21 at 100.00	A–	1,202,636
4,315	Total North Dakota			5,080,074
	Ohio – 4.3% (2.9% of Total Investments)			
9,900	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.125%, 6/01/24	6/17 at 100.00	B–	8,446,086
	Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:			
2,000	5.250%, 11/01/29	11/20 at 100.00	A–	2,276,520
3,000	5.750%, 11/01/40	11/20 at 100.00	A–	3,451,740
3,040	Franklin County, Ohio, Healthcare Facilities Revenue Bonds, Ohio Presbyterian Retirement Services, Improvement Series 2010A, 5.625%, 7/01/26	7/21 at 100.00	BBB–	3,302,474
700	Lorain County Port Authority, Ohio, Recovery Zone Facility Economic Development Revenue Bonds, United State Steel Corporation Project, Series 2010, 6.750%, 12/01/40	12/20 at 100.00	BB–	776,818
4,615	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	11/21 at 100.00	AA	5,581,058
800	Ohio Air Quality Development Authority, Ohio, Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E, 5.625%, 10/01/19	No Opt. Call	BBB–	898,616
2,000	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series 2013A-1, 5.250%, 2/15/33	2/23 at 100.00	A+	2,294,040
26,055	Total Ohio			27,027,352
	Oklahoma – 1.3% (0.9% of Total Investments)			
2,055	Tulsa Airports Improvement Trust, Oklahoma, General Airport Revenue Bonds, Series 2013A, 5.375%, 6/01/33 – BAM Insured (Alternative Minimum Tax)	6/23 at 100.00	AA	2,303,511
5,615	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Series 2006, 5.000%, 12/15/36 (UB)	12/16 at 100.00	AA+	5,965,713
88			AA+	97,993

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

	Tulsa County Industrial Authority, Oklahoma, Health Care Revenue Bonds, Saint Francis Health System, Tender Option Bond Trust 3500, 8.520%, 6/15/30 (IF)	12/16 at 100.00		
7,758	Total Oklahoma			8,367,217
	Oregon – 0.4% (0.3% of Total Investments)			
1,270	Forest Grove, Oregon, Campus Improvement Revenue Bonds, Pacific University Project, Refunding Series 2014A, 5.000%, 5/01/40	5/22 at 100.00	BBB	1,377,556
1,000	Portland, Oregon, River District Urban Renewal and Redevelopment Bonds, Series 2012C, 5.000%, 6/15/28	6/22 at 100.00	A1	1,129,960
2,270	Total Oregon			2,507,516
	Pennsylvania – 4.5% (3.1% of Total Investments)			
1,000	Bucks County Industrial Development Authority, Pennsylvania, Charter School Revenue Bonds, School Lane Charter School, Series 2007A, 5.000%, 3/15/37	3/17 at 100.00	BBB–	1,006,700
1,000	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2009, 6.125%, 1/01/29	1/19 at 100.00	BBB+	1,104,290
1,085	Pennsylvania Economic Development Financing Authority, Private Activity Revenue Bonds, Pennsylvania Rapid Bridge Replacement Project, Series 2015, 5.000%, 12/31/38 (Alternative Minimum Tax)	6/26 at 100.00	BBB	1,173,753
600	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Edinboro University Foundation Student Housing Project, Series 2010, 6.000%, 7/01/43	7/20 at 100.00	Baa3	653,586
5,490	Pennsylvania Public School Building Authority, Lease Revenue Bonds, School District of Philadelphia, Series 2006B, 4.500%, 6/01/32 – AGM Insured	12/16 at 100.00	AA	5,670,621

Nuveen Investments 63

NPT Nuveen Premium Income Municipal Fund 4, Inc.
Portfolio of Investments (continued) April 30, 2015
(Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Pennsylvania (continued)			
\$ 5,490	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Subordinate Special Revenue, Series 2013A, 5.000%, 12/01/38	12/22 at 100.00	AA-\$	6,103,892
1,595	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	N/R (4)	1,870,760
	Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011:			
5,445	6.000%, 8/01/36	8/20 at 100.00	A+	6,339,995
1,425	6.500%, 8/01/41	8/20 at 100.00	A+	1,710,869
670	Southcentral Pennsylvania General Authority, Revenue Bonds, Wellspan Health Obligated Group, Series 2014A, 5.000%, 6/01/44	6/24 at 100.00	Aa3	743,767
1,670	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding and Improvement Series 2011, 5.250%, 8/01/19	No Opt. Call	BBB+	1,824,826
25,470	Total Pennsylvania			28,203,059
	South Carolina – 2.1% (1.4% of Total Investments)			
5,000	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.250%, 1/01/21 – FGIC Insured	No Opt. Call	AA-	6,162,850
6,400	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding Series 2014C, 5.000%, 12/01/39	12/24 at 100.00	AA-	7,099,328
11,400	Total South Carolina			13,262,178
	Tennessee – 1.0% (0.7% of Total Investments)			
3,825	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	A+	4,226,969
5,075	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41	1/17 at 30.07	A	1,369,387
680	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100.00	BBB+	705,582
9,580	Total Tennessee			6,301,938

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

Texas – 18.8% (12.8% of Total Investments)				
5,480	Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36	2/17 at 100.00	AAA	5,577,270
1,000	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.000%, 1/01/41	1/21 at 100.00	BBB	1,160,660
4,000	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Improvement Series 2013C, 5.000%, 11/01/38 (Alternative Minimum Tax)	11/22 at 100.00	A+	4,329,800
2,600	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding and Improvement Bonds, Series 2012C, 5.000%, 11/01/45 – AGM Insured	11/21 at 100.00	A+	2,859,974
6,000	Garland Housing Finance Corporation, Texas, Multifamily Housing Revenue Bonds, Legacy Pointe Apartments, Series 2000, 7.500%, 6/01/40 (Alternative Minimum Tax)	6/15 at 100.00	N/R	6,007,140
2,335	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.125%, 10/01/43	10/23 at 100.00	BBB+	2,526,330
4,775	Harris County Cultural Education Facilities Finance Corporation, Texas, Medical Facilities Revenue Refunding Bonds, Baylor College of Medicine, Series 2012A, 5.000%, 11/15/37	No Opt. Call	A–	5,157,334
28,305	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B, 0.000%, 9/01/28 – AMBAC Insured	No Opt. Call	A2	16,441,808
3,855	Houston, Texas, Subordinate Lien Airport System Revenue Refunding Bonds, Series 2012A, 5.000%, 7/01/32 (Alternative Minimum Tax)	7/22 at 100.00	A	4,241,772
7,500	Houston, Texas, Water and Sewerage System Revenue Bonds, Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM)	No Opt. Call	AA (4)	10,472,625
1,960	North Texas Tollway Authority, Special Projects System Revenue Bonds, Series 2011A, 0.000%, 9/01/43	9/31 at 100.00	AA+	1,782,444
1,100	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A, 6.250%, 1/01/39	1/19 at 100.00	A2	1,262,888

64 Nuveen Investments

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
\$ 1,100	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008A, 5.750%, 1/01/40 – AGC Insured	1/18 at 100.00	AA	\$ 1,225,532
2,500	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2008F, 5.750%, 1/01/38 (Pre-refunded 1/01/18)	1/18 at 100.00	A3 (4)	2,812,350
3,150	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2015A, 5.000%, 1/01/33	1/25 at 100.00	A3	3,510,013
1,570	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.000%, 2/01/34	2/24 at 100.00	Baa2	1,651,106
250	Tarrant County Cultural and Educational Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources Project, Trust 1031, 17.832%, 2/15/30 (IF) (5)	2/17 at 100.00	AA	300,340
2,730	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2010, 5.500%, 8/15/45	8/20 at 100.00	AA–	3,183,535
215	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2010, 5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (4)	259,978
5,200	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Texas Health Resources, Series 2007A, 5.000%, 2/15/36 (UB)	2/17 at 100.00	AA	5,461,768
1,980	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior Lien Series 2008D, 6.250%, 12/15/26	No Opt. Call	A–	2,436,529
	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012:			
2,500	5.000%, 12/15/27	No Opt. Call	A3	2,796,875
4,835	5.000%, 12/15/28	No Opt. Call	A3	5,371,153
1,620	Texas Private Activity Bond Surface Transportation Corporation, Revenue Bonds, NTE Mobility Partners LLC North Tarrant Express Managed Lanes Project, Senior Lien Series 2009, 6.875%, 12/31/39	12/19 at 100.00	Baa2	1,925,176
	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, LBJ Infrastructure Group LLC IH-635 Managed Lanes Project, Series 2010:			
2,000	7.000%, 6/30/34	6/20 at 100.00	Baa3	2,424,400

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

500	7.000%, 6/30/40	6/20 at 100.00	Baa3	605,025
2,000	Texas Private Activity Bond Surface Transportation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners Segments 3 Segments 3A & 3B Facility, Series 2013, 7.000%, 12/31/38 (Alternative Minimum Tax)	9/23 at 100.00	BBB-	2,487,460
1,000	Texas Public Finance Authority, Charter School Finance Corporation Revenue Bonds, Idea Public School Project, Series 2007A, 5.000%, 8/15/37 (Pre-refunded 8/15/17) – ACA Insured	8/17 at 100.00	BBB (4)	1,097,410
3,395	Texas State, General Obligation Bonds, Series 2008, Trust 3213, 13.624%, 4/01/28 (IF)	4/17 at 100.00	AAA	5,228,096
3,210	Texas Transportation Commission, Central Texas Turnpike System Revenue Bonds, Second Tier Refunding Series 2015C, 5.000%, 8/15/33	8/24 at 100.00	BBB+	3,532,765
1,020	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured	No Opt. Call	A-	888,298
300	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/21 – AMBAC Insured (ETM)	No Opt. Call	A3 (4)	269,196
7,800	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 6.000%, 11/15/22 (ETM)	7/15 at 100.00	Aaa	8,288,592
117,785	Total Texas Utah – 0.5% (0.3% of Total Investments)			117,575,642
300	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2000G, 5.875%, 7/01/27 (Alternative Minimum Tax)	7/15 at 100.00	AA	302,742
190	Utah Housing Finance Agency, Single Family Mortgage Bonds, Series 2001C: 5.500%, 1/01/18 (Alternative Minimum Tax)	7/15 at 100.00	AA-	190,467
110	5.650%, 1/01/21 (Alternative Minimum Tax)	7/15 at 100.00	Aaa	110,235

Nuveen Investments 65

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

NPT Nuveen Premium Income Municipal Fund 4, Inc.
 Portfolio of Investments (continued) April 30, 2015 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Utah (continued)				
\$ 810	Utah State Charter School Finance Authority, Charter School Revenue Bonds, North Davis Preparatory Academy, Series 2010, 6.375%, 7/15/40	7/20 at 100.00	BBB-	\$ 884,658
1,555	Utah State Charter School Finance Authority, Charter School Revenue Bonds, Paradigm High School, Series 2010A, 6.375%, 7/15/40	7/20 at 100.00	BB-	1,603,283
2,965	Total Utah			3,091,385
Virgin Islands – 0.5% (0.3% of Total Investments)				
250	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Subordinate Lien Series 2009A, 6.000%, 10/01/39	10/19 at 100.00	Baa3	274,520
2,480	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37	10/19 at 100.00	Baa3	2,827,448
2,730	Total Virgin Islands			3,101,968
Virginia – 1.4% (1.0% of Total Investments)				
3,045	Route 460 Funding Corporation, Virginia, Toll Road Revenue Bonds, Series 2012B, 0.000%, 7/01/38	No Opt. Call	BBB-	990,782
1,000	Tobacco Settlement Financing Corporation of Virginia, Tobacco Settlement Asset Backed Bonds, Series 2007B1, 5.000%, 6/01/47	6/17 at 100.00	B-	713,620
1,765	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, 95 Express Lanes LLC Project, Series 2012, 5.000%, 1/01/40 (Alternative Minimum Tax)	1/22 at 100.00	BBB-	1,880,625
4,640	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012, 6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB-	5,374,419
10,450	Total Virginia			8,959,446
Washington – 1.4% (0.9% of Total Investments)				
2,185	Washington Health Care Facilities Authority, Revenue Bonds, Seattle Children’s Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	Aa2	2,400,463
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2009A, 6.000%, 1/01/33	7/19 at 100.00	A	2,279,700
2,000	Washington State Health Care Facilities Authority, Revenue Bonds, Northwest Hospital and Medical Center of Seattle, Series 2007, 5.700%, 12/01/32	12/17 at 100.00	N/R	2,070,720
1,595			BBB	1,705,262

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

	Washington State Health Care Facilities Authority, Revenue Bonds, Virginia Mason Medical Center, Series 2007B, 5.750%, 8/15/37 – ACA Insured	8/17 at 100.00		
7,780	Total Washington			8,456,145
	West Virginia – 1.3% (0.9% of Total Investments)			
1,950	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, Charleston Area Medical Center, Series 2009A, 5.625%, 9/01/32	9/19 at 100.00	A3	2,175,069
5,160	West Virginia Hospital Finance Authority, Hospital Revenue Bonds, West Virginia United Health System Obligated Group, Refunding and Improvement Series 2013A, 5.500%, 6/01/44	6/23 at 100.00	A	5,871,461
7,110	Total West Virginia			8,046,530
	Wisconsin – 4.8% (3.3% of Total Investments)			
815	Monroe Redevelopment Authority, Wisconsin, Development Revenue Bonds, The Monroe Clinic, Inc., Series 2009, 5.875%, 2/15/39	2/19 at 100.00	A3	903,900
4,200	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Agnesian HealthCare, Inc., Series 2013B, 5.000%, 7/01/36	7/23 at 100.00	A–	4,570,902
1,400	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Beloit Health System, Inc., Series 2010B, 5.000%, 4/01/30	4/20 at 100.00	A–	1,481,452
2,105	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012, 5.000%, 6/01/32	6/22 at 100.00	A2	2,341,349
1,750	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series 2015, 5.000%, 8/15/34	8/24 at 100.00	A+	1,938,300

66 Nuveen Investments

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
Wisconsin (continued)				
Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014A:				
\$ 1,415	5.000%, 7/01/27	7/24 at 100.00	BBB+	\$ 1,592,625
1,310	5.000%, 7/01/29	7/24 at 100.00	BBB+	1,445,087
3,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Rogers Memorial Hospital, Inc., Series 2014B, 5.000%, 7/01/44	7/24 at 100.00	BBB+	3,241,380
Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Wheaton Franciscan Healthcare System, Series 2006A:				
5,000	5.250%, 8/15/21	8/16 at 100.00	A-	5,269,100
1,000	5.250%, 8/15/34	8/16 at 100.00	A-	1,030,570
1,120	Wisconsin Health and Educational Facilities Authority, Wisconsin, Revenue Bonds, Dickson Hollow Project. Series 2014, 5.250%, 10/01/39	10/22 at 102.00	N/R	1,143,733
5,000	Wisconsin State, General Obligation Bonds, Series 2006A, 4.750%, 5/01/25 (Pre-refunded 5/01/16) – FGIC Insured (UB) (5)	5/16 at 100.00	AA (4)	5,223,400
28,115	Total Wisconsin			30,181,798
\$ 887,308	Total Municipal Bonds (cost \$836,739,648)			917,167,349

Shares	Description (1)	Value
COMMON STOCKS – 0.2% (0.2% of Total Investments)		
Airlines – 0.2% (0.2% of Total Investments)		
30,308	American Airlines Group Inc. (6)	\$ 1,463,422
	Total Common Stocks (cost \$781,297)	1,463,422

Principal Amount (000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
CORPORATE BONDS – 0.0% (0.0% of Total Investments)					
Transportation – 0.0% (0.0% of Total Investments)					
\$ 51	Las Vegas Monorail Company, Senior Interest Bonds (7), (8)	5.500%	7/15/19	N/R	\$ 9,155
13	Las Vegas Monorail Company, Senior Interest Bonds (7), (8)	3.000%	7/15/55	N/R	1,810

\$	64	Total Corporate Bonds (cost \$5,770)	10,965
		Total Long-Term Investments (cost \$837,526,715)	918,641,736

Nuveen Investments 67

NPT Nuveen Premium Income Municipal Fund 4, Inc.
Portfolio of Investments (continued) April 30, 2015
(Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	SHORT-TERM INVESTMENTS – 0.4% (0.2% of Total Investments)			
	MUNICIPAL BONDS – 0.4% (0.2% of Total Investments)			
	California – 0.4% (0.2% of Total Investments)			
\$ 1,800	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014A, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	\$ 1,807,848
175	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014B, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	175,763
265	California Statewide Community Development Authority, Revenue Bonds, Daughters of Charity Health System, Series 2014C, 6.000%, 7/10/15 (7)	No Opt. Call	N/R	266,155
\$ 2,240	Total California			2,249,766
	Total Short-Term Investments (cost \$2,240,000)			2,249,766
	Total Investments (cost \$839,766,715) – 147.3%			920,891,502
	Floating Rate Obligations – (7.5)%			(46,619,000)
	Variable Rate Demand Preferred Shares, at Liquidation Value – (41.9)% (9)			(262,200,000)
	Other Assets Less Liabilities – 2.1%			13,092,958
	Net Assets Applicable to Common Shares – 100%			\$ 625,165,460

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (6) On November 28, 2011, AMR Corp. ("AMR"), the parent company of American Airlines Group, Inc. ("AAL") filed for federal bankruptcy protection. On December 9, 2013, AMR emerged from federal bankruptcy with the acceptance of its reorganization plan by the bankruptcy court. Under the settlement agreement established to meet AMR's unsecured bond obligations, the bondholders, including the Fund, received a

distribution of AAL preferred stock which was converted to AAL common stock over a 120-day period. Every 30 days, a quarter of the preferred stock was converted to AAL common stock based on the 5-day volume-weighted average price and the amount of preferred shares tendered during the optional preferred conversion period.

- (7) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board. For fair value measurement disclosure purposes, investment classified as Level 3. See Notes to Financial Statements, Note 2 – Investment Valuation and Fair Value Measurements for more information.
- (8) During January 2010, Las Vegas Monorail Company (“Las Vegas Monorail”) filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund’s custodian is not accruing income on the Fund’s records for either senior interest corporate bond.
- (9) Variable Rate Demand Preferred Shares, at Liquidation Value as a percentage of Total Investments is 28.5%.
- (WI/DD) Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial Statements, Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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

Statement of

Assets and Liabilities

April 30, 2015 (Unaudited)

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Assets			
Long-term investments, at value (cost \$1,336,992,065, \$1,507,128,093 and \$837,526,715, respectively)	\$ 1,438,038,045	\$ 1,629,582,409	\$ 918,641,736
Short-term investments, at value (cost \$6,340,000, \$1,515,000 and \$2,240,000, respectively)	6,367,642	1,521,605	2,249,766
Cash	3,084,460	3,842,805	4,070,856
Cash collateral at brokers(1)	—	1,430,000	—
Receivable for:			
Dividends	—	—	3,031
Interest	19,882,708	22,380,513	13,628,772
Investments sold	9,581,422	22,039	1,485,115
Deferred offering costs	29,592	2,096,308	1,867,316
Other assets	216,592	259,329	360,168
Total assets	1,477,200,461	1,661,135,008	942,306,760
Liabilities			
Floating rate obligations	70,409,000	61,024,000	46,619,000
Unrealized depreciation on interest rate swaps	—	1,323,417	—
Payable for:			
Common share dividends	3,943,674	4,784,573	2,743,289
Interest	398,637	—	—
Investments purchased	6,377,525	6,958,260	4,840,070
Offering costs	67,052	—	—
Variable Rate MuniFund Term Preferred (“VMTP”) Shares, at liquidation value	407,000,000	—	—
Variable Rate Demand Preferred (“VRDP”) Shares, at liquidation value	—	489,500,000	262,200,000
Accrued expenses:			
Management fees	735,840	807,354	459,871
Directors fees	224,716	267,845	140,363
Other	189,648	200,681	138,707
Total liabilities	489,346,092	564,866,130	317,141,300
Net assets applicable to common shares	\$ 987,854,369	\$ 1,096,268,878	\$ 625,165,460
Common shares outstanding	64,060,043	70,692,851	43,338,451
Net asset value (“NAV”) per common share outstanding	\$ 15.42	\$ 15.51	\$ 14.43
Net assets applicable to common shares consist of:			
Common shares, \$0.01 par value per share	\$ 640,600	\$ 706,929	\$ 433,385
Paid-in surplus	901,090,677	998,590,661	544,415,831
Undistributed (Over-distribution of) net investment income	4,807,875	7,342,610	4,919,761
Accumulated net realized gain (loss)	(19,758,405)	(31,508,826)	(5,728,304)
Net unrealized appreciation (depreciation)	101,073,622	121,137,504	81,124,787
Net assets applicable to common shares	\$ 987,854,369	\$ 1,096,268,878	\$ 625,165,460
Authorized shares:			
Common	200,000,000	200,000,000	200,000,000

Preferred	1,000,000	1,000,000	1,000,000
-----------	-----------	-----------	-----------

- (1) Cash pledged to collateralize the net payment obligations for investments in derivatives in addition to the Fund's securities pledged as collateral as noted in the Fund's portfolio of investments.

See accompanying notes to financial statements.

Nuveen Investments 69

Statement of Operations	Six Months Ended April 30, 2015 (Unaudited)		
	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Investment Income	\$ 33,363,412	\$ 37,649,294	\$ 21,774,350
Expenses			
Management fees	4,436,649	4,879,142	2,772,916
Interest expense and amortization of offering costs	2,589,938	503,964	313,787
Liquidity fees	—	2,255,965	1,275,538
Remarketing fees	—	246,109	131,828
Custodian fees	100,719	118,773	70,958
Directors fees	19,919	22,445	12,661
Professional fees	25,541	30,614	33,752
Shareholder reporting expenses	50,187	44,128	35,712
Shareholder servicing agent fees	57,090	25,652	23,284
Stock exchange listing fees	10,210	11,267	6,917
Investor relations expenses	32,692	37,395	20,649
Other	15,200	17,738	25,958
Total expenses	7,338,145	8,193,192	4,723,960
Net investment income (loss)	26,025,267	29,456,102	17,050,390
Realized and Unrealized Gain (Loss)			
Net realized gain (loss) from:			
Investments	3,721,420	2,329,112	2,392,595
Swaps	—	(11,895,435)	—
Change in net unrealized appreciation (depreciation) of:			
Investments	(5,090,227)	(6,212,844)	(1,559,855)
Swaps	—	6,768,021	—
Net realized and unrealized gain (loss)	(1,368,807)	(9,011,146)	832,740
Net increase (decrease) in net assets applicable to common shares from operations	\$ 24,656,460	\$ 20,444,956	\$ 17,883,130

See accompanying notes to financial statements.

Statement of

Changes in Net Assets

(Unaudited)

	Premium Income (NPI)		Premium Income 2 (NPM)		Premium Income 4 (NPT)	
	Six Months	Year	Six Months	Year	Six Months	Year
	Ended 4/30/15	Ended 10/31/14	Ended 4/30/15	Ended 10/31/14	Ended 4/30/15	Ended 10/31/14
Operations						
Net investment income (loss)	\$ 26,025,267	\$ 52,663,989	\$ 29,456,102	\$ 60,261,227	\$ 17,050,390	\$ 34,164,350
Net realized gain (loss) from:						
Investments	3,721,420	12,153,110	2,329,112	4,756,398	2,392,595	1,436,318
Swaps	—	—	(11,895,435)	—	—	—
Change in net unrealized appreciation (depreciation) of:						
Investments	(5,090,227)	87,624,749	(6,212,844)	97,198,172	(1,559,855)	62,876,981
Swaps	—	—	6,768,021	(8,091,438)	—	—
Net increase (decrease) in net assets applicable to common shares from operations	24,656,460	152,441,848	20,444,956	154,124,359	17,883,130	98,477,649
Distributions to Common Shareholders						
From net investment income	(26,930,844)	(55,277,415)	(30,631,213)	(61,156,385)	(17,842,440)	(35,372,843)
Decrease in net assets applicable to common shares from distributions to common shareholders	(26,930,844)	(55,277,415)	(30,631,213)	(61,156,385)	(17,842,440)	(35,372,843)
Net increase (decrease) in net assets applicable to common shares	(2,274,384)	97,164,433	(10,186,257)	92,967,974	40,690	63,104,806
Net assets applicable to common shares at the beginning of period	990,128,753	892,964,320	1,106,455,135	1,013,487,161	625,124,770	562,019,964
Net assets applicable to common shares at the end of period	\$ 987,854,369	\$ 990,128,753	\$ 1,096,268,878	\$ 1,106,455,135	\$ 625,165,460	\$ 625,124,770
Undistributed (Over-distribution)	\$ 4,807,875	\$ 5,713,452	\$ 7,342,610	\$ 8,517,721	\$ 4,919,761	\$ 5,711,811

of)net investment
income at the end of
period

See accompanying notes to financial statements.

Nuveen Investments 71

Statement of

Cash Flows

Six Months Ended April 30, 2015
(Unaudited)

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Cash Flows from Operating Activities:			
Net Increase (Decrease) in Net Assets Applicable to Common Shares from Operations	\$ 24,656,460	\$ 20,444,956	\$ 17,883,130
Adjustments to reconcile the net increase (decrease) in net assets applicable to common shares from operations to net cash provided by (used in) operating activities:			
Purchases of investments	(109,181,257)	(102,382,032)	(54,809,877)
Proceeds from sales of and maturities of investments	101,717,506	112,928,431	51,829,099
Proceeds from (Purchases of) short-term investments, net	2,000,000	—	—
Proceeds from (Payments for) swap contacts	—	(11,895,435)	—
Investment transaction adjustments, net	(36,001)	(6,372)	(25,909)
Taxes paid on undistributed capital gains	(8,327)	(156)	(217)
Amortization (Accretion) of premiums and discount, net	(645,725)	(1,538,894)	(293,904)
Amortization of deferred offering costs	24,916	38,537	37,255
(Increase) Decrease in:			
Cash collateral at brokers	—	(1,430,000)	—
Receivable for dividends	18,718	—	5,700
Receivable for interest	(595,014)	13,849	112,106
Receivable for investments sold	37,545,462	20,585,625	22,716,482
Other assets	(43,488)	328,124	(35,109)
Increase (Decrease) in:			
Payable for interest	(12,155)	—	—
Payable for investments purchased	(46,570,090)	(16,079,603)	(9,725,384)
Accrued management fees	(18,568)	(27,959)	(12,038)
Accrued Directors fees	47,483	57,118	29,473
Accrued other expenses	(77,980)	(104,408)	(53,665)
Net realized (gain) loss from:			
Investments	(3,721,420)	(2,329,112)	(2,392,595)
Swaps	—	11,895,435	—
Change in net unrealized (appreciation) depreciation of:			
Investments	5,090,227	6,212,844	1,559,855
Swaps	—	(6,768,021)	—
Net cash provided by (used in) operating activities	10,190,747	29,942,927	26,824,402
Cash Flows from Financing Activities:			
Increase (Decrease) in:			
Cash overdraft	—	—	(2,435,214)
Floating rate obligations	6,140,000	(930,000)	(2,480,000)
Cash distribution paid to common shareholders	(26,912,303)	(30,608,361)	(17,838,332)
Net cash provided by (used in) financing activities	(20,772,303)	(31,538,361)	(22,753,546)
Net Increase (Decrease) in Cash	(10,581,556)	(1,595,434)	4,070,856
Cash at beginning of period	13,666,016	5,438,239	—
Cash at end of period	\$ 3,084,460	\$ 3,842,805	\$ 4,070,856

Supplemental Disclosure of Cash Flow Information	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Cash paid for interest (excluding amortization of offering costs)	\$ 2,577,177	\$ 464,042	\$ 276,532

See accompanying notes to financial statements.

72 Nuveen Investments

THIS PAGE INTENTIONALLY LEFT BLANK

Nuveen Investments 73

Financial

Highlights (Unaudited)

Selected data for a common share outstanding throughout each period:

	Beginning Common Share NAV	Net Investment Income (Loss)	Net Realized/ Unrealized Gain (Loss)	Investment Operations			Less Distributions to Common Shareholders		
				Distributions from Net Investment Income to ARPS Share- holders(a)	Distributions from Accum- ulated Net Realized Gains to ARPS Share- holders(a)	Total	From Net Investment Income	From Accum- ulated Net Realized Gains	Total
Premium Income (NPI)									
Year Ended 10/31:									
2015(f)	\$15.46	\$0.41	\$(0.03)	\$—	\$—	\$0.38	\$(0.42)	\$—	\$(0.42)
2014	13.94	0.82	1.56	—	—	2.38	(0.86)	—	(0.86)
2013	15.43	0.82	(1.44)	—	—	(0.62)	(0.87)	—	(0.87)
2012	14.09	0.84	1.42	—	—	2.26	(0.92)	—	(0.92)
2011	14.47	0.90	(0.35)	(0.01)	—	0.54	(0.92)	—	(0.92)
2010	13.72	0.99	0.67	(0.03)	—	1.63	(0.88)	—	(0.88)
Premium Income 2 (NPM)									
Year Ended 10/31:									
2015(f)	15.65	0.42	(0.13)	—	—	0.29	(0.43)	—	(0.43)
2014	14.34	0.85	1.33	—	—	2.18	(0.87)	—	(0.87)
2013	15.99	0.84	(1.62)	—	—	(0.78)	(0.87)	—	(0.87)
2012	14.71	0.88	1.34	—	—	2.22	(0.94)	—	(0.94)
2011	14.98	0.95	(0.28)	(0.02)	—	0.65	(0.92)	—	(0.92)
2010	14.17	1.01	0.71	(0.03)	—	1.69	(0.88)	—	(0.88)

- (a) The amounts shown for Auction Rate Preferred Shares (“ARPS”) are based on common share equivalents.
- (b) Total Return Based on Common Share NAV is the combination of changes in common share NAV, reinvested dividend income at NAV and reinvested capital gains distributions at NAV, if any. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending NAV. The actual reinvest price for the last dividend declared in the period may often be based on the Fund’s market price (and not its NAV), and therefore may be different from the price used in the calculation. Total returns are not annualized.

Total Return Based on Common Share Price is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market

price, so the actual reinvestment price may be different from the price used in the calculation. Total returns are not annualized.

74 Nuveen Investments

Common Share Supplemental Data/
Ratios Applicable to Common Shares

Common Share Total Returns			Ratios to Average Net Assets(c)			
Based on	Based on Share	Ending Net Assets		Net Investment Income (Loss)	Portfolio Turnover Rate(e)	
NAV(b)	Price(b)	(000)	Expenses(d)			
2.45%	4.25%	\$ 987,854	1.48%**	5.25%**	7%	
17.61	16.32	990,129	1.58	5.63	17	
(4.19)	(14.16)	892,964	1.71	5.55	18	
16.41	22.06	987,664	1.71	5.65	8	
4.18	1.37	900,461	1.66	6.60	9	
12.26	19.68	924,129	1.21	7.05	6	
1.87	3.16	1,096,269	1.49%**	5.34%**	6	
15.60	15.87	1,106,455	1.58	5.71	15	
(5.06)	(11.99)	1,013,487	1.69	5.49	16	
15.48	15.97	1,130,611	1.70	5.65	15	
4.74	4.95	1,039,723	1.48	6.74	8	
12.25	18.89	1,058,891	1.16	6.89	7	

(c) Ratios do not reflect the effect of dividend payments to ARPS shareholders, during periods when ARPS were outstanding; Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to ARPS and other subsequent forms of preferred shares issued by the Fund, where applicable.

(d) The expense ratios reflect, among other things, all interest expense and other costs related to preferred shares (as described in Note 4 – Fund Shares, Preferred Shares) and/or the interest expense deemed to have been paid by the Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund (as described in Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities), where applicable, as follows:

Premium Income (NPI)

Year Ended 10/31:

2015(f)	0.52%**
2014	0.57
2013	0.72
2012	0.71
2011	0.58
2010	0.09

Premium Income 2 (NPM)

Year Ended 10/31:	
2015(f)	0.55%**
2014	0.59
2013	0.72
2012	0.69
2011	0.42
2010	0.07

(e) Portfolio Turnover Rate is calculated based on the lesser of long-term purchases or sales (as disclosed in Note 5 – Investment Transactions) divided by the average long-term market value during the period.

(f) For the six months ended April 30, 2015.

* Rounds to less than \$0.01 per share.

** Annualized.

See accompanying notes to financial statements.

Nuveen Investments 75

Financial Highlights (Unaudited) (continued)

Selected data for a common share outstanding throughout each period:

	Investment Operations						Less Distributions to Common Shareholders			
	Beginning Common Share NAV	Net Investment Income (Loss)	Realized/ Unrealized Gain (Loss)	Net Investment Income to ARPS Share- holders(a)	Distributions from Net Investment Income to ARPS Share- holders(a)	Distributions from Accumu- lated Net Realized Gains to ARPS Share- holders(a)	Total	From Net Investment Income	From Accumu- lated Net Realized Gains	Total
Premium Income 4 (NPT)										
Year Ended 10/31:										
2015(f)	\$14.42	\$0.39	\$0.03	\$—	\$—	\$0.42	\$	(0.41)	\$—	\$(0.41)
2014	12.97	0.79	1.48	—	—	2.27		(0.82)	—	(0.82)
2013	14.51	0.81	(1.53)	—	—	(0.72)		(0.82)	—	(0.82)
2012	13.07	0.83	1.46	—	—	2.29		(0.85)	—	(0.85)
2011	13.31	0.82	(0.21)	—	—	0.61		(0.85)	—	(0.85)
2010	12.58	0.87	0.70	(0.01)	—	1.56		(0.83)	—	(0.83)

(a) The amounts shown are for ARPS based on common share equivalents.

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

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

Common Share Supplemental Data/
Ratios Applicable to Common Shares

Common Share Total Returns		Ratios to Average Net Assets(c)				
Based on	Based on	Ending Net Assets	Expenses(d)	Net Investment Income (Loss)	Portfolio Turnover Rate(e)	
NAV(b)	Price(b)	(000)				
2.85%	4.72%	\$ 625,165	1.51%**	5.45%**	6%	
18.09	18.23	625,125	1.64	5.80	13	
(5.16)	(11.86)	562,020	1.69	5.85	17	
17.96	20.63	628,367	1.75	5.93	9	
5.13	2.63	565,529	1.99	6.71	11	
12.77*	21.76	575,949	1.67	6.76	16	

- (c) Ratios do not reflect the effect of dividend payments to APRS shareholders, during periods when ARPS were outstanding; Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to ARPS and other subsequent forms of preferred shares issued by the Fund, where applicable.
- (d) The expense ratios reflect, among other things, all interest expense and other costs related to preferred shares (as described in Note 4 – Fund Shares, Preferred Shares) and/or the interest expense deemed to have been paid by the Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund (as described in Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities), where applicable, as follows:

Premium Income 4 (NPT)

Year Ended 10/31:

2015(f)	0.55%**
2014	0.63
2013	0.70
2012	0.75
2011	0.94
2010	0.59

- (e) Portfolio Turnover Rate is calculated based on the lesser of long-term purchases or sales (as disclosed in Note 5 – Investment Transactions) divided by the average long-term market value during the period.
- (f) For the six months ended April 30, 2015.

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

** Annualized.

See accompanying notes to financial statements.

Nuveen Investments 77

Financial Highlights (Unaudited) (continued)

	ARPS at the End of Period		VMTP Shares at the End of Period		VRDP Shares at the End of Period	
	Aggregate Amount	Asset Coverage Per	Aggregate Amount	Asset Coverage Per	Aggregate Amount	Asset Coverage Per
	Outstanding (000)	\$25,000 Share	Outstanding (000)	\$100,000 Share	Outstanding (000)	\$100,000 Share
Premium Income (NPI)						
Year Ended 10/31:						
2015(a)	\$ —	\$ —	407,000	\$ 342,716	\$ —	—
2014	—	—	407,000	343,275	—	—
2013	—	—	407,000	319,402	—	—
2012	—	—	402,400	345,443	—	—
2011	—	—	402,400	323,773	—	—
2010	400,650	82,664	—	—	—	—
Premium Income 2 (NPM)						
Year Ended 10/31:						
2015(a)	—	—	—	—	489,500	323,957
2014	—	—	—	—	489,500	326,038
2013	—	—	—	—	489,500	307,045
2012	—	—	—	—	489,500	330,977
2011	—	—	—	—	489,500	312,405
2010	487,525	79,299	—	—	—	—
Premium Income 4 (NPT)						
Year Ended 10/31:						
2015(a)	—	—	—	—	262,200	338,431
2014	—	—	—	—	262,200	338,415
2013	—	—	—	—	262,200	314,348
2012	—	—	—	—	262,200	339,652
2011	—	—	—	—	262,200	315,686
2010	—	—	—	—	262,200	319,660

(a) For the six months ended April 30, 2015.

See accompanying notes to financial statements.

Notes to Financial Statements (Unaudited)

1. General Information and Significant Accounting Policies

General Information

Fund Information

The funds covered in this report and their corresponding New York Stock Exchange (“NYSE”) symbols are as follows (each a “Fund” and collectively, the “Funds”):

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

The Funds are registered under the Investment Company Act of 1940, as amended, as diversified closed-end management investment companies. Premium Income (NPI), Premium Income 2 (NPM) and Premium Income 4 (NPT) were incorporated under the state laws of Minnesota on April 15, 1988, November 34, 1991 and January 13, 1993, respectively.

The end of the reporting period for the Funds is April 30, 2015, and the period covered by these Notes to Financial Statements is the six months ended April 30, 2015 (“the current fiscal period”).

Investment Adviser

The Funds’ investment adviser is Nuveen Fund Advisors, LLC (the “Adviser”), a wholly-owned subsidiary of Nuveen Investments, Inc. (“Nuveen”). The Adviser is responsible for each Fund’s overall investment strategy and asset allocation decisions. The Adviser has entered into sub-advisory agreements with Nuveen Asset Management, LLC (the “Sub-Adviser”), a subsidiary of the Adviser, under which the Sub-Adviser manages the investment portfolios of the Funds.

Investment Objectives and Principal Investment Strategies

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

Significant Accounting Policies

Each Fund is an investment company and follows accounting and reporting guidance under Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) Topic 946 “Financial Services-Investment Companies.” The following is a summary of significant accounting policies followed by the Funds in the preparation of their financial statements in accordance with U.S. generally accepted accounting principles (“U.S. GAAP”).

Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from investment transactions are determined on the specific identification method, which is the same basis used for federal income tax purposes. Investments purchased on a when-issued/delayed delivery basis may have extended settlement periods. Any investments so purchased are subject to market fluctuation during this period. The Funds have instructed the custodian to earmark securities in the Funds’ portfolios with a current value at least equal to the amount of the when-issued/delayed delivery purchase commitments.

As of the end of the reporting period, the Funds’ outstanding when issued/delayed delivery purchase commitments were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Outstanding when-issued/delayed delivery purchase commitments	\$ —	\$ 6,958,260	\$ 3,428,220

Investment Income

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

Nuveen Investments 79

Notes to Financial Statements (Unaudited) (continued)

Professional Fees

Professional fees presented on the Statement of Operations consist of legal fees incurred in the normal course of operations, audit fees, tax consulting fees and, in some cases, workout expenditures. Workout expenditures are incurred in an attempt to protect or enhance an investment or to pursue other claims or legal actions on behalf of Fund shareholders. If a refund is received for workout expenditures paid in a prior reporting period, such amounts will be recognized as “Legal fee refund” on the Statement of Operations.

Dividends and Distributions to Common Shareholders

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

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

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.

Netting Agreements

In the ordinary course of business, the Funds may enter into transactions subject to enforceable International Swaps and Derivative Association, Inc. (“ISDA”) master agreements or other similar arrangements (“netting agreements”). Generally, the right to offset in netting agreements allows each Fund to offset certain securities and derivatives with a specific counterparty with any collateral received or delivered to that counterparty based on the terms of the agreements. Generally, each Fund manages its cash collateral and securities collateral on a counterparty basis.

The Funds’ investments subject to netting agreements as of the end of the reporting period, if any, are further described in Note 3 – Portfolio Securities and Investments in Derivatives.

Use of Estimates

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

2. Investment Valuation and Fair Value Measurements

The fair valuation input levels as described below are for fair value measurement purposes.

Fair value is defined as the price that would be received upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data

obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The following is a summary of the three-tiered hierarchy of valuation input levels.

- Level 1 – Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.
- Level 2 – Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).
- Level 3 – Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

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

Prices of swap contracts are also provided by a pricing service approved by the Board using the same methods as described above, and are generally classified as Level 2.

80 Nuveen Investments

Common stocks and other equity-type securities are valued at the last sales price on the securities exchange on which such securities are primarily traded and are generally classified as Level 1. Securities primarily traded on the NASDAQ National Market (“NASDAQ”) are valued at the NASDAQ Official Closing Price and are generally classified as Level 1. However, securities traded on a securities exchange or NASDAQ for which there were no transactions on a given day or securities not listed on a securities exchange or NASDAQ are valued at the quoted bid price and are generally classified as Level 2.

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

The inputs or methodologies used for valuing securities are not an indication of the risks associated with investing in those securities. The following is a summary of each Fund’s fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Premium Income (NPI)				
Long-Term Investments*:				
Municipal Bonds	\$ —	\$ 1,437,976,193	\$ —	\$ 1,437,976,193
Corporate Bonds	—	—	61,852	61,852
Short-Term Investments*:				
Municipal Bonds	—	—	6,367,642	6,367,642
Total	\$ —	\$ 1,437,976,193	\$ 6,429,494	\$ 1,444,405,687
Premium Income 2 (NPM)				
Long-Term Investments*:				
Municipal Bonds	\$ —	\$ 1,628,930,823	\$ 646,716***	\$ 1,629,577,539
Corporate Bonds	—	—	4,870	4,870
Short-Term Investments*:				
Municipal Bonds	—	—	1,521,605	1,521,605
Investments in Derivatives:				
Interest Rate Swaps**	—	(1,323,417)	—	(1,323,417)
Total	\$ —	\$ 1,627,607,406	\$ 2,173,191	\$ 1,629,780,597
Premium Income 4 (NPT)				
Long-Term Investments*:				
Municipal Bonds	\$ —	\$ 917,167,349	\$ —	\$ 917,167,349
Common Stocks	1,463,422	—	—	1,463,422

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

Corporate Bonds	—	—	10,965	10,965
Short-Term Investments*:				
Municipal Bonds	—	—	2,249,766	2,249,766
Total	\$ 1,463,422	\$ 917,167,349	\$ 2,260,731	\$ 920,891,502

* Refer to the Fund's Portfolio of Investments for state/industry classifications.

** Represents net unrealized appreciation (depreciation) as reported in the Fund's Portfolio of Investments.

*** Refer to the Fund's Portfolio of Investments for breakdown of these securities classified as Level 3.

The Board is responsible for the valuation process and has appointed the oversight of the daily valuation process to the Adviser's Valuation Committee. The Valuation Committee, pursuant to the valuation policies and procedures adopted by the Board is responsible for making fair value determinations, evaluating the effectiveness of the Funds' pricing policies and reporting to the Board. The Valuation Committee is aided in its efforts by the Adviser's dedicated Securities Valuation Team, which is responsible for administering the daily valuation process and applying fair value methodologies as approved by the Valuation Committee. When determining the reliability of independent pricing services for investments owned by the Funds, the Valuation Committee, among other things, conducts due diligence reviews of the pricing services and monitors the quality of security prices received through various testing reports conducted by the Securities Valuation Team.

Nuveen Investments 81

Notes to Financial Statements (Unaudited) (continued)

The Valuation Committee will consider pricing methodologies it deems relevant and appropriate when making a fair value determination, based on the facts and circumstances specific to the portfolio instrument. Fair value determinations generally will be derived as follows, using public or private market information:

- (i) If available, fair value determinations shall be derived by extrapolating from recent transactions or quoted prices for identical or comparable securities.
- (ii) If such information is not available, an analytical valuation methodology may be used based on other available information including, but not limited to: analyst appraisals, research reports, corporate action information, issuer financial statements and shelf registration statements. Such analytical valuation methodologies may include, but are not limited to: multiple of earnings, discount from market value of a similar freely-traded security, discounted cash flow analysis, book value or a multiple thereof, risk premium/yield analysis, yield to maturity and/or fundamental investment analysis.

The purchase price of a portfolio instrument will be used to fair value the instrument only if no other valuation methodology is available or deemed appropriate, and it is determined that the purchase price fairly reflects the instrument's current value.

For each portfolio security that has been fair valued pursuant to the policies adopted by the Board, the fair value price is compared against the last available and next available market quotations. The Valuation Committee reviews the results of such testing and fair valuation occurrences are reported to the Board.

3. Portfolio Securities and Investments in Derivatives

Portfolio Securities

Inverse Floating Rate Securities

Each Fund is authorized to invest in inverse floating rate securities. An inverse floating rate security is created by depositing a municipal bond (referred to as an "Underlying Bond"), typically with a fixed interest rate, into a special purpose trust (referred to as the "Trust") created by or at the direction of one or more Funds. In turn, the Trust issues (a) floating rate certificates (referred to as "Floaters"), in face amounts equal to some fraction of the Underlying Bond's par amount or market value, and (b) an inverse floating rate certificate (referred to as an "Inverse Floater") that represents all remaining or residual interest in the Trust. Floaters typically pay short-term tax-exempt interest rates to third parties who are also provided a right to tender their certificate and receive its par value, which may be paid from the proceeds of a remarketing of the Floaters, by a loan to the Trust from a third party liquidity provider, or by the sale of assets from the Trust. The Inverse Floater is issued to a long term investor, such as one or more of the Funds. The income received by the Inverse Floater holder varies inversely with the short-term rate paid to holders of the Floaters, 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 value of an Inverse Floater 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 Floaters, and because the Inverse Floater essentially bears the risk of loss of the greater face value of the Underlying Bond.

The Inverse Floater held by a Fund gives the Fund the right to (a) cause the holders of the Floaters to tender their certificates at par, and (b) have the trustee of the Trust transfer the Underlying Bond held by the Trust to the Fund, thereby collapsing the Trust.

The Fund may acquire an Inverse Floater in a transaction where it (a) transfers an Underlying Bond that it owns to a Trust created by a third party or (b) transfers an Underlying Bond that it owns, or that it has purchased in a secondary market transaction for the purpose of creating an Inverse Floater, to a Trust created at its direction, and in return receives the Inverse Floater of the Trust (referred to as a “self-deposited Inverse Floater”). A Fund may also purchase an Inverse Floater in a secondary market transaction from a third party creator of the Trust without first owning the Underlying Bond (referred to as an “externally-deposited Inverse Floater”).

An investment in a self-deposited Inverse Floater is accounted for as a “financing” transaction (i.e., a secured borrowing). For a self-deposited Inverse Floater, the Underlying Bond deposited into the Trust is identified in the Fund’s Portfolio of Investments as “(UB) – Underlying bond of an inverse floating rate trust reflected as a financing transaction,” with the Fund recognizing the Floaters issued by the Trust as liabilities, at their liquidation value on the Statement of Assets and Liabilities as “Floating rate obligations.” In addition, the Fund recognizes in “Investment Income” the entire earnings of the Underlying Bond and recognizes the related interest paid to the holders of the Floaters as a component of “Interest expense and amortization of offering costs” on the Statement of Operations.

In contrast, an investment in an externally-deposited Inverse Floater is accounted for as a purchase of the inverse floater and is identified in the Fund’s Portfolio of Investments as “(IF) – Inverse floating rate investment.” For an externally-deposited Inverse Floater, a Fund’s Statement of Assets and Liabilities recognizes the Inverse Floater and not the Underlying Bond as an asset, and the Fund does not recognize the Floaters as a liability. Additionally, the Fund reflects in “Investment Income” only the net amount of earnings on the Inverse Floater (net of the interest paid to the holders of the Floaters and the expenses of the Trust), and does not show the amount of that interest paid as an interest expense on the Statement of Operations.

The average floating rate obligations outstanding and average annual interest rate and fees related to self-deposited inverse floaters during the current fiscal period were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Self-Deposited Inverse Floaters			
Average floating rate obligations outstanding	\$ 66,191,376	\$ 61,157,591	\$ 47,009,635
Average annual interest rate and fees	0.55%	0.56%	0.56%

As of the end of the reporting period, the total amount of floating rate obligations issued by each Fund's self-deposited Inverse Floaters and externally-deposited Inverse Floaters was as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Floating Rate Obligations Outstanding			
Floating rate obligations: self-deposited Inverse Floaters	\$ 70,409,000	\$ 61,024,000	\$ 46,619,000
Floating rate obligations: externally-deposited Inverse Floaters	74,417,000	93,296,000	22,717,000
Total	\$ 144,826,000	\$ 154,320,000	\$ 69,336,000

Each Fund may also enter into shortfall and forbearance agreements (sometimes referred to as a “recourse arrangement” or “credit recovery swap”) (Trusts involving such agreements are referred to herein as Recourse Trusts”), under which a Fund agrees to reimburse the liquidity provider for the Trust’s Floaters, in certain circumstances, for the amount (if any) by which the liquidation value of the Underlying Bond held by the Trust may fall short of the liquidation value of the Floaters issued by the Trust, plus any shortfalls in interest cash flows. Under these agreements, a Fund’s potential exposure to losses related to or on an Inverse Floater may increase beyond the value of the Inverse Floater as a Fund may potentially be liable to fulfill all amounts owed to holders of the Floaters. At period end, any such shortfall amount in the aggregate is recognized as “Unrealized depreciation on Recourse Trusts” on the Statement of Assets and Liabilities.

As of the end of the reporting period, each Fund’s maximum exposure to the floating rate obligations issued by externally-deposited Recourse Trusts was as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Floating Rate Obligations – Externally-Deposited Recourse Trusts			
Maximum exposure to Recourse Trusts	\$ 22,930,000	\$ 42,275,000	\$ 12,000,000

Zero Coupon Securities

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

Investments in Derivatives

In addition to the inverse floating rate securities in which each Fund invests, which are considered portfolio securities for financial reporting purposes, each Fund is authorized to invest in certain derivative instruments, such as futures, options and swap contracts. Each Fund limits its investments in futures, options on futures and swap contracts to the extent necessary for the Adviser to claim the exclusion from registration by the Commodity Futures Trading

Commission as a commodity pool operator with respect to the Fund. The Funds record derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Funds' investments in derivatives may represent economic hedges, they are not considered to be hedge transactions for financial reporting purposes.

Swap Contracts

Interest rate swap contracts involve a Fund's agreement with the counterparty to pay or receive a fixed rate payment in exchange for the counterparty receiving or paying a variable rate payment. Forward interest rate swap contracts involve a 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 swap contract and the termination date of the swap (which is akin to a bond's maturity). Swap contracts do not involve the delivery of securities or other underlying assets or principal. Accordingly, the risk of loss with respect to the swap counterparty on such transactions is limited to the net amount of interest payments that a Fund is to receive.

Interest rate swap contracts are valued daily. Upon entering into an interest rate swap contract (and beginning on the effective date for a forward interest rate swap contract), a Fund accrues the fixed rate payment expected to be paid or received and the variable rate payment expected to be received or paid on a daily basis, and recognizes the daily change in the fair value of the Fund's contractual rights and obligations under the contracts.

Notes to Financial Statements (Unaudited) (continued)

For over-the-counter (“OTC”) swaps, the net amount recorded on these transactions, for each counterparty, is recognized on the Statement of Assets and Liabilities as a component of “Unrealized appreciation or depreciation on interest rate swaps (, net).”

Upon the execution of an exchanged-cleared swap contract, in certain instances a Fund is obligated to deposit cash or eligible securities, also known as “initial margin,” into an account at its clearing broker equal to a specified percentage of the contract amount. Cash held by the broker to cover initial margin requirements on open swap contracts, if any, is recognized as a component of “Cash collateral at brokers” on the Statement of Assets and Liabilities. Investments in exchange-cleared interest rate swap contracts obligate a Fund and the clearing broker to settle monies on a daily basis representing changes in the prior day’s “mark-to-market” of the swap contract. If a Fund has unrealized appreciation, the clearing broker will credit the Fund’s account with an amount equal to the appreciation. Conversely, if the Fund has unrealized depreciation, the clearing broker will debit the Fund’s account with an amount equal to the depreciation. These daily cash settlements are also known as “variation margin.” Variation margin is recognized as a receivable and/or payable for “Variation margin on swap contracts” on the Statement of Assets and Liabilities.

The net amount of periodic payments settled in cash are recognized as a component of “Net realized gain (loss) from swaps” on the Statement of Operations, in addition to the net realized gain or loss recorded upon the termination of the swap contract. For tax purposes, payments expected to be received or paid on the swap contracts are treated as ordinary income or expense, respectively.

Changes in the value of the swap contracts during the fiscal period are recognized as a component of “Change in net unrealized appreciation (depreciation) of swaps.” In certain instances, payments are made or received upon entering into the swap contract to compensate for differences between the stated terms of the swap agreements and prevailing market conditions (credit spreads, currency exchange rates, interest rates, and other relevant factors). Payments received or made at the beginning of the measurement period, if any, are recognized as “Interest rate swaps premiums paid and/or received” on the Statement of Assets and Liabilities.

During the current fiscal period, Premium Income 2 (NPM) as part of its duration management strategies, invested in forward interest rate swap contracts to help reduce price volatility risk to movements in U.S. interest rates relative to the Fund’s benchmark.

The average notional amount of interest rate swap contracts outstanding during the current fiscal period was as follows:

	Premium Income 2 (NPM)
Average notional amount of interest rate swap contracts outstanding*	\$ 71,666,667

* The average notional amount is calculated based on the outstanding notional at the beginning of the fiscal period and at the end of each fiscal quarter within the current fiscal period.

The following table presents the fair value of all swap contracts held by Premium Income 2 (NPM) as of the end of the reporting period, the location of these instruments on the Statement of Assets and Liabilities and the primary underlying risk exposure.

Underlying	Derivative	Location on the Statement of Assets and Liabilities	
		Asset Derivatives	(Liability) Derivatives

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

Risk Exposure	Instrument	Location	Value	Location	Value
				Unrealized depreciation on	
Interest rate	Swaps	—	\$ —	interest rate swaps	\$ (1,323,417)

The following table presents the swap contracts subject to netting agreements, and collateral delivered related to those swap contracts as of the end of the reporting period.

Fund	Counterparty	Gross Unrealized Appreciation on Interest Rate Swaps*	Gross Unrealized (Depreciation) on Interest Rate Swaps*	Amounts Netted on Statement of Assets and Liabilities	Net Unrealized Appreciation (Depreciation) on Interest Rate Swaps	Collateral Pledged to (from) Counterparty	Net Exposure
Premium Income 2 (NPM)	JP Morgan	\$ —	-\$ (1,323,417)	\$ —	-\$ (1,323,417)	\$ 1,323,417	\$ —

* Represents gross unrealized appreciation (depreciation) for the counterparty as reported in the Fund's Portfolio of Investments.

The following table presents the amount of net realized gain (loss) and change in net unrealized appreciation (depreciation) recognized on swap contracts on the Statement of Operations during the current fiscal period, and the primary underlying risk exposure.

Fund	Underlying Risk Exposure	Derivative Instrument	Net Realized Gain (Loss)	Change in Net Unrealized Appreciation (Depreciation) of
Premium Income 2 (NPM)	Interest rate	Swaps	\$ (11,895,435)	Swaps \$ 6,768,021

Market and Counterparty Credit Risk

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

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

4. Fund Shares

Common Share Transactions

Transactions in common shares during the Funds’ current and prior fiscal period were as follows:

	Premium Income (NPI)		Premium Income 2 (NPM)		Premium Income 4 (NPT)	
	Six Months		Six Months		Six Months	
	Year Ended 4/30/15	Year Ended 10/31/14	Year Ended 4/30/15	Year Ended 10/31/14	Year Ended 4/30/15	Year Ended 10/31/14
Common shares issued to shareholders due to reinvestment of distributions	—	—	—	—	—	—

Preferred Shares

Variable Rate MuniFund Term Preferred Shares

The following Fund has issued and outstanding Variable Rate MuniFund Term Preferred (“VMTP”) Shares, with a \$100,000 liquidation value per share. VMTP Shares are issued via private placement and are not publically available.

As of the end of the reporting period, VMTP Shares outstanding, at liquidation value, for the Fund was as follows:

Fund	Series	Shares Outstanding	Shares Outstanding at \$100,000 Per Share

				Liquidation Value
Premium Income (NPI)	2015	4,070	\$	407,000,000

The Fund is obligated to redeem its VMTP Shares by the date as specified in its offering document (“Term Redemption Date”), unless earlier redeemed or repurchased by the Fund. VMTP Shares are subject to optional and mandatory redemption in certain circumstances. The VMTP Shares are subject to redemption at the option of the Fund (“Optional Redemption Date”), subject to payment of premium for one year following the date of issuance (“Premium Expiration Date”), and at par thereafter. The Fund may be obligated to redeem certain of the VMTP Shares if the Fund fails to maintain certain asset coverage and leverage ratio requirements and such failures are not cured by the applicable cure date. The redemption price per share is equal to the sum of the liquidation value per share plus any accumulated but unpaid dividends. The Term Redemption Date, Optional Redemption Date and Premium Expiration Date for the Fund’s series of VMTP Shares are as follows:

Fund	Series	Term Redemption Date	Optional Redemption Date	Premium Expiration Date
Premium Income (NPI)	2015	December 1, 2015	December 1, 2013	November 30, 2013

The average liquidation value of VMTP Shares outstanding and annualized dividend rate for the Fund during the current fiscal period were as follows:

	Premium Income (NPI)
Average liquidation value of VMTP Shares outstanding	\$ 407,000,000
Annualized dividend rate	1.18%

Notes to Financial Statements (Unaudited) (continued)

VMTP Shares generally do not trade, and market quotations are generally not available. VMTP Shares are short-term or short/intermediate-term instruments that pay a variable dividend rate tied to a short-term index, plus an additional fixed “spread” amount established at the time of issuance. The fair value of VMTP Shares is expected to be approximately their liquidation par value so long as the fixed “spread” on the VMTP Shares remains roughly in line with the “spread” rates being demanded by investors on instruments having similar terms in the current market environment. In present market conditions, the Fund’s Adviser has determined that the fair value of VMTP Shares is their liquidation value, but their fair value could vary if market conditions change materially. For financial reporting purposes, the liquidation value of VMTP Shares is a liability and is recognized as “Variable Rate MuniFund Term Preferred (“VMTP”) Shares, at liquidation value” on the Statement of Assets and Liabilities.

Dividends on the VMTP Shares (which are treated as interest payments for financial reporting purposes) are set weekly. Unpaid dividends on VMTP Shares are recognized as a component of “Interest payable” on the Statement of Assets and Liabilities, when applicable. Dividends accrued on VMTP Shares are recognized as a component of “Interest expense and amortization of offering costs” on the Statement of Operations.

Costs incurred by the Fund in connection with its offering of VMTP Shares were recorded as a deferred charge, which are amortized over the life of the shares and are recognized as components of “Deferred offering costs” on the Statement of Assets and Liabilities and “Interest expense and amortization of offering costs” on the Statement of Operations.

Variable Rate Demand Preferred Shares

The following Funds have issued and outstanding Variable Rate Demand Preferred (“VRDP”) Shares, with a \$100,000 liquidation value per share. VRDP Shares are issued via private placement and are not publically available.

As of the end of the reporting period, the details of the Funds’ VRDP Shares outstanding were as follows:

Fund	Series	Shares Outstanding	Shares Outstanding at \$ 100,000 Per Share Liquidation Value	Maturity
Premium Income 2 (NPM)	1	4,895	\$ 489,500,000	May 1, 2041
Premium Income 4 (NPT)	1	2,622	\$ 262,200,000	March 1, 2040

VRDP Shares include a liquidity feature that allows VRDP shareholders to have their shares purchased by a liquidity provider with whom each Fund has contracted in the event that purchase orders for VRDP Shares in a remarketing are not sufficient in number to be matched with the sale orders in that remarketing. Each Fund is required to redeem any VRDP Shares that are still owned by the liquidity provider after six months of continuous, unsuccessful remarketing. Each Fund pays an annual remarketing fee of 0.10% on the aggregate principal amount of all VRDP Shares outstanding. Each Fund’s VRDP Shares have successfully remarketed since issuance.

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

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

The average liquidation value of VRDP Shares outstanding and annualized dividend rate for each Fund during the current fiscal period were as follows:

	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Average liquidation value of VRDP Shares outstanding	\$ 489,500,000	\$ 262,200,000
Annualized dividend rate	0.12%	0.11%

For financial reporting purposes, the liquidation value of VRDP Shares is a liability and is recognized as “Variable Rate Demand Preferred (“VRDP”) Shares, at liquidation value” on the Statement of Assets and Liabilities. Unpaid dividends on VRDP Shares are recognized as a component of “Interest payable” on the Statement of Assets and Liabilities, when applicable. Dividends accrued on the VRDP Shares are recognized as a component of “Interest expense and amortization of offering costs” on the Statement of Operations. Costs incurred by the Funds in connection with their offerings of VRDP Shares were recorded as a deferred charge, which are amortized over the life of the shares and are recognized as components of “Deferred offering costs” on the Statement of Assets and Liabilities and “Interest expense and amortization of offering costs” on the Statement of Operations. In addition to interest expense, each Fund also pays a per annum liquidity fee to the liquidity provider, as well as a remarketing fee, which are recognized as “Liquidity fees” and “Remarketing fees,” respectively, on the Statement of Operations.

5. Investment Transactions

Long-term purchases and sales (including maturities but excluding derivative transactions, where applicable) during the current fiscal period were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Purchases	\$ 109,181,257	\$ 102,382,032	\$ 54,809,877
Sales and maturities	101,717,506	112,928,431	51,829,099

6. Income Tax Information

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

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

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts as detailed below. Temporary differences do not require reclassification. Temporary and permanent differences do not impact the NAVs of the Funds.

As of April 30, 2015, the cost and unrealized appreciation (depreciation) of investments (excluding investments in derivatives), as determined on a federal income tax basis, were as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Cost of investments	\$ 1,273,478,967	\$ 1,446,449,427	\$ 793,561,487
Gross unrealized:			
Appreciation	\$ 116,336,335	\$ 140,583,916	\$ 85,057,003
Depreciation	(15,825,737)	(16,945,156)	(4,349,307)
Net unrealized appreciation (depreciation) of investments	\$ 100,510,598	\$ 123,638,760	\$ 80,707,696

Permanent differences, primarily due to federal taxes paid, nondeductible offering costs and taxable market discount resulted in reclassifications among the Funds' components of common share net assets as of October 31, 2014, the Funds' last tax year end, as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Paid-in-surplus	\$ (1,143,929)	\$ (805,023)	\$ (75,077)
Undistributed (Over-distribution of) net investment income	(187,153)	18,877	29,557
Accumulated net realized gain (loss)	1,331,082	786,146	45,520

The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains as of October 31, 2014, 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 ¹	\$ 7,834,180	\$ 11,500,605	\$ 7,712,368
Undistributed net ordinary income ²	653,290	94,677	162,835
Undistributed net long-term capital gains	—	—	—

- 1 Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on October 1, 2014, paid on November 3, 2014.
- 2 Net ordinary income consists of taxable market discount income and net short-term capital gains, if any.

Nuveen Investments 87

Notes to Financial Statements (Unaudited) (continued)

The tax character of distributions paid during the Funds' last tax year ended October 31, 2014 was designated for purposes of the dividends paid deduction as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Distributions from net tax-exempt income	\$ 60,036,674	\$ 61,798,236	\$ 35,713,024
Distributions from net ordinary income ²	380,731	78,585	10,592
Distributions from net long-term capital gains	—	—	—

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

As of October 31, 2014, the Funds' last tax year end, the Funds had unused capital loss carryforwards available for federal income tax purposes to be applied against future capital gains, if any. If not applied, the carryforwards will expire as shown in the following table. The losses not subject to expiration will be utilized first by a Fund.

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Expiration:			
October 31, 2015	\$ —	\$ 64,177	\$ —
October 31, 2016	7,270,556	18,051,540	5,808,277
October 31, 2017	11,817,772	488,931	—
Not subject to expiration	—	—	—
Total	\$ 19,088,328	\$ 18,604,648	\$ 5,808,277

During the Funds' last tax year ended October 31, 2014, the Funds utilized capital loss carryforwards as follows:

	Premium Income (NPI)	Premium Income 2 (NPM)	Premium Income 4 (NPT)
Utilized capital loss carryforwards	\$ 12,438,048	\$ 4,844,687	\$ 2,111,182

7. Management Fees and Other Transactions with Affiliates

Each Fund's management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. The Sub-Adviser is compensated for its services to the Funds from the management fees paid to the Adviser.

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

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

Average Daily Managed Assets*	Fund-Level Fee
-------------------------------	----------------

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

For the first \$125 million	0.4500	%
For the next \$125 million	0.4375	
For the next \$250 million	0.4250	
For the next \$500 million	0.4125	
For the next \$1 billion	0.4000	
For the next \$3 billion	0.3875	
For managed assets over \$5 billion	0.3750	

88 Nuveen Investments

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

Complex-Level Managed Asset Breakpoint Level*	Effective Rate at Breakpoint Level	
\$55 billion	0.2000	%
\$56 billion	0.1996	
\$57 billion	0.1989	
\$60 billion	0.1961	
\$63 billion	0.1931	
\$66 billion	0.1900	
\$71 billion	0.1851	
\$76 billion	0.1806	
\$80 billion	0.1773	
\$91 billion	0.1691	
\$125 billion	0.1599	
\$200 billion	0.1505	
\$250 billion	0.1469	
\$300 billion	0.1445	

* For the fund-level and complex-level fees, managed assets include closed-end fund assets managed by the Adviser that are attributable to certain types of leverage. For these purposes, leverage includes the funds' use of preferred stock and borrowings and certain investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively financed by the trust's issuance of floating rate securities, subject to an agreement by the Adviser as to certain funds to limit the amount of such assets for determining managed assets in certain circumstances. The complex-level fee is calculated based upon the aggregate daily managed assets of all Nuveen funds that constitute "eligible assets." Eligible assets do not include assets attributable to investments in other Nuveen funds or assets in excess of \$2 billion added to the Nuveen fund complex in connection with the Adviser's assumption of the management of the former First American Funds effective January 1, 2011. As of April 30, 2015, the complex-level fee for each Fund was 0.1635%.

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 has adopted a deferred compensation plan for independent directors that enables directors to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from certain Nuveen-advised funds. Under the plan, deferred amounts are treated as though equal dollar amounts had been invested in shares of select Nuveen-advised funds.

8. Subsequent Events

Refinancing of VMTP Shares

On May 19, 2015, Premium Income (NPI) refinanced all of its outstanding Series 2015 VMTP Shares with the issuance of new Series 2018 VMTP Shares.

Additional Fund Information

Board of Directors

William Adams IV*	Jack B. Evans	William C. Hunter	David J. Kundert	John K. Nelson	William J. Schneider
Thomas S. Schreier, Jr.*	Judith M. Stockdale	Carole E. Stone	Virginia L. Stringer	Terence J. Toth	

* Interested Board Member.

Fund Manager Nuveen Fund Advisors, LLC 333 West Wacker Drive Chicago, IL 60606	Custodian State Street Bank & Trust Company Boston, MA 02111	Legal Counsel Chapman and Cutler LLP Chicago, IL 60603	Independent Registered Public Accounting Firm KPMG LLP Chicago, IL 60601	Transfer Agent and Shareholder Services State Street Bank & Trust Company Nuveen Funds P.O. Box 43071 Providence, RI 02940-3071 (800) 257-8787
---	---	---	---	--

Quarterly Form N-Q Portfolio of Investments Information

Each Fund is required to file its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year on Form N-Q. You may obtain this information directly from the SEC. 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 toll-free at (800) SEC-0330 for room hours and operation.

Nuveen Funds' Proxy Voting Information

You may obtain (i) information regarding how each fund voted proxies relating to portfolio securities held during the most recent twelve-month period ended June 30, without charge, upon request, by calling Nuveen Investments toll-free at (800) 257-8787 or on Nuveen's website at www.nuveen.com and (ii) a description of the policies and procedures that each fund used to determine how to vote proxies relating to portfolio securities without charge, upon request, by calling Nuveen Investments toll free at (800) 257-8787. You may also obtain this information directly from the SEC. Visit the SEC on-line at <http://www.sec.gov>.

CEO Certification Disclosure

Each Fund's Chief Executive Officer (CEO) has submitted to the New York Stock Exchange (NYSE) the annual CEO certification as required by Section 303A.12(a) of the NYSE Listed Company Manual. Each Fund has filed with the SEC the certification of its CEO and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act.

Common Share Repurchases

Each Fund intends to repurchase, through its open-market share repurchase program, shares of its own common stock at such times and in such amounts as is deemed advisable. During the period covered by this report, each Fund repurchased shares of its common stock as shown in the accompanying table. Any future repurchases will be reported to shareholders in the next annual or semi-annual report.

	NPI	NPM	NPT
Common shares repurchased	—	—	—

FINRA BrokerCheck

The Financial Industry Regulatory Authority (FINRA) provides information regarding the disciplinary history of FINRA member firms and associated investment professionals. This information as well as an investor brochure describing FINRA BrokerCheck is available to the public by calling the FINRA BrokerCheck Hotline number at (800) 289-9999 or by visiting www.FINRA.org.

Glossary of Terms Used in this Report

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

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

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.

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

Forward Interest Rate Swap: A contractual agreement between two counterparties under which one party agrees to make periodic payments to the other for an agreed period of time based on a fixed rate, while the other party agrees to make periodic payments based on a floating rate of interest based on an underlying index. Alternatively, both series of cash flows to be exchanged could be calculated using floating rates of interest but floating rates that are based upon different underlying indexes.

Inverse Floating Rate Securities: Inverse floating rate securities, also known as inverse floaters or tender option bonds (TOBs), are created by depositing a municipal bond, typically with a fixed interest rate, into a special purpose trust. 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.

Leverage: Leverage is created whenever a fund has investment exposure (both reward and/or risk) equivalent to more than 100% of the investment capital.

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

Net Asset Value (NAV) Per Share: A fund’s Net Assets is equal to its total assets (securities, cash, accrued earnings and receivables) less its total liabilities. NAV per share is equal to the fund’s Net Assets divided by its number of shares outstanding.

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

Glossary of Terms Used in this Report (continued)

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

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

Total Investment Exposure: Total investment exposure is a fund's assets managed by the Adviser that are attributable to financial leverage. For these purposes, financial leverage includes a fund's use of preferred stock and borrowings and investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively financed by the trust's issuance of floating rate securities.

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

Reinvest Automatically, Easily and Conveniently

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

Nuveen Closed-End Funds Automatic Reinvestment Plan

Nuveen Closed-End Fund allows you to conveniently reinvest distributions in additional Fund shares. By choosing to reinvest, you'll be able to invest money regularly and automatically, and watch your investment grow through the power of compounding. Just like distributions in cash, there may be times when income or capital gains taxes may be payable on distributions that are reinvested. It is important to note that an automatic reinvestment plan does not ensure a profit, nor does it protect you against loss in a declining market.

Easy and convenient

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

How shares are purchased

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

Flexible

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change. You can reinvest whether your shares are registered in your name, or in the name of a brokerage firm, bank, or other nominee. Ask your investment advisor if his or her firm will participate on your behalf. Participants whose shares are registered in the name of one firm may not be able to transfer the shares to another firm and continue to participate in the Plan. The Fund reserves the right to amend or terminate the Plan at any time. Although the Fund reserves the right to amend the Plan to include a service charge payable by the participants, there is no direct service charge to participants in the Plan at this time.

Call today to start reinvesting distributions

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

Notes

94 Nuveen Investments

Notes

Nuveen Investments 95

Nuveen Investments:

Serving Investors for Generations

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

Focused on meeting investor needs.

Nuveen Investments provides high-quality investment services designed to help secure the long-term goals of institutional and individual investors as well as the consultants and financial advisors who serve them. Nuveen Investments markets a wide range of specialized investment solutions which provide investors access to capabilities of its high-quality boutique investment affiliates—Nuveen Asset Management, Symphony Asset Management, NWQ Investment Management Company, Santa Barbara Asset Management, Tradewinds Global Investors, Winslow Capital Management and Gresham Investment Management. In total, Nuveen Investments managed approximately \$233 billion as of March 31, 2015.

Find out how we can help you.

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

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

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

ESA-E-0415D 8580-INV-B-06/16

ITEM 2. CODE OF ETHICS.

Not applicable to this filing.

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

Not applicable to this filing.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Not applicable to this filing.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

Not applicable to this filing.

ITEM 6. SCHEDULE OF INVESTMENTS.

(a) See Portfolio of Investments in Item 1.

(b) Not applicable.

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

Not applicable to this filing.

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

Not applicable to this filing.

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

Not applicable.

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

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

ITEM 11. CONTROLS AND PROCEDURES.

(a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")(17

CFR 240.13a-15(b) or 240.15d-15(b)).

- (b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d))) that occurred during the second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 12. EXHIBITS.

File the exhibits listed below as part of this Form.

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

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Nuveen Premium Income Municipal Fund 4, Inc.

By (Signature and Title) /s/ Kevin J. McCarthy
Kevin J. McCarthy
Vice President and Secretary

Date: July 8, 2015

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 8, 2015

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

Date: July 8, 2015