NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
Form N-CSR
January 07, 2013

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: October 31, 2012

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

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

ITEM 1. REPORTS TO STOCKHOLDERS.

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Chairman's
Letter to Shareholders

Dear Shareholders,

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

In the U.S., the extended period of increasing corporate earnings that enabled the equity markets to withstand the downward pressures coming from weakening job creation and slower economic growth appears to be coming to an end. The Fed remains committed to low interest rates and announced a third phase of quantitative easing (QE3) scheduled to continue until mid-2015. The recent election results have removed a major element of uncertainty in the U.S. political picture, but it remains to be seen whether the outcome will reduce the highly partisan atmosphere in Congress and enable progress on the many pressing fiscal and budgetary issues that must be resolved in the coming months.

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

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

Sincerely,

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

Portfolio Managers' Comments

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

Portfolio managers Paul Brennan and Chris Drahn discuss U.S. economic and municipal market conditions, key investment strategies and the twelve-month performance of these three national Funds. Paul has managed NPI and NPM since 2006 and Chris assumed portfolio management responsibility for NPT in January 2011.

What factors affected the U.S. economy and municipal market during the twelve-month reporting period ended October 31, 2012?

During this period, the U.S. economy's progress toward recovery from recession continued at a moderate pace. The Federal Reserve (Fed) maintained its efforts to improve the overall economic environment by holding the benchmark fed funds rate at the record low level of zero to 0.25% that it established in December 2008. Subsequent to the reporting period, the central bank decided during its December 2012 meeting to keep the fed funds rate at "exceptionally low levels" until either the unemployment rate reaches 6.5% or expected inflation goes above 2.5%. The Fed also affirmed its decision, announced in September 2012, to purchase $40 billion of mortgage-backed securities each month in an effort to stimulate the housing market. In addition to this new, open-ended stimulus program, the Fed plans to continue its program to extend the average maturity of its holdings of U.S. Treasury securities through the end of December 2012. The goals of these actions, which together will increase the Fed's holdings of longer term securities by approximately $85 billion a month through the end of the year, are to put downward pressure on longer term interest rates, make broader financial conditions more accommodative and support a stronger economic recovery as well as continued progress toward the Fed's mandates of maximum employment and price stability.

In the third quarter 2012, the U.S. economy, as measured by the U.S. gross domestic product (GDP), grew at an annualized rate of 2.7%, up from 1.3% in the second quarter, marking 13 consecutive quarters of positive growth. The Consumer Price Index (CPI) rose 2.2% year-over-year as of October 2012, while the core CPI (which excludes food and energy) increased 2.0% during the period, staying just within the Fed's unofficial objective of 2.0% or lower for this inflation measure. As of November 2012, (subsequent to this reporting period), the national unemployment rate was 7.7%, the lowest unemployment rate since December 2008 and below the 8.7% level recorded in November 2011. The slight decrease in unemployment from 7.9% in October 2012 was primarily

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, 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.

due to workers who are no longer counted as part of the workforce. The housing market, long a major weak spot in the economic recovery, showed signs of improvement, with the average home price in the S&P/Case-Shiller Index of 20 major metropolitan areas rising 3.0% for the twelve months ended September 2012 (most recent data available at the time this report was prepared). This marked the largest annual percentage gain for the index since July 2010, although housing prices continued to be off approximately 30% from their mid-2006 peak. The outlook for the U.S. economy remained clouded by uncertainty about global financial markets as well as the impending "fiscal cliff," the combination of tax increases and spending cuts scheduled to take effect beginning January 2013 and their potential impact on the economy.

Municipal bond prices generally rallied during this period, as strong demand and tight supply combined to create favorable market conditions for municipal bonds. Although the total volume of tax-exempt supply improved over that of the same period a year earlier, the issuance pattern remained light compared with long-term historical trends, and new money issuance was relatively flat. This supply/demand dynamic served as a key driver of performance. Concurrent with rising prices, yields continued to decline across most maturities, especially at the longer end of the municipal yield curve, and the curve flattened. In addition to the lingering effects of the Build America Bonds (BAB) program, which expired at the end of 2010 but impacted issuance well into 2012, the low level of municipal issuance reflected the current political distaste for additional borrowing by state and local governments facing fiscal constraints and the prevalent atmosphere of municipal budget austerity. During this period, we saw an increased number of borrowers come to market seeking to take advantage of the low rate environment through refunding activity, with approximately 60% of municipal paper issued by borrowers that were calling existing debt and refinancing at lower rates.

Over the twelve months ended October 31, 2012, municipal bond issuance nationwide totaled $379.6 billion, an increase of 18.6% over the issuance for the twelve-month period ended October 31, 2011. As previously discussed, the majority of this increase was attributable to refunding issues, rather than new money issuance. During this period, demand for municipal bonds remained consistently strong, especially from individual investors, (as evidenced in part by flows into mutual funds) and also from banks and crossover buyers such as hedge funds.

What key strategies were used to manage these Funds during the twelvemonth reporting period ended October 31, 2012?

In an environment characterized by tight supply, strong demand and lower yields, we continued to take a bottom-up approach to discovering sectors that appeared undervalued as well as individual credits that had the potential to perform well over the long term. During this period, all three Funds found value in health care and broad based essential services bonds backed by taxes or other revenues. In NPT, we added dedicated tax bonds secured by governmental tax or fee revenues such as sales, excise or gas taxes.

In general during this period, we emphasized bonds with longer maturities. This enabled us to take advantage of more attractive yields at the longer end of the municipal yield curve and also provided some protection for the Funds' duration and yield curve positioning. In NPI and NPM, we also purchased lower rated bonds when we found attractive opportunities, as we believed these bonds continued to offer relative value. In NPT, our purchases were diversified across bonds with ratings ranging from AA to BBB, slightly increasing our weighting in the A category. Our opportunities in these areas were somewhat constrained by the structure of bonds typically issued as part of refinancing deals, which tend to be characterized by shorter maturities and higher credit quality.

We also took advantage of short-term opportunities created by the supply/demand dynamics in the municipal market. While demand for tax-exempt paper remained consistently strong throughout the period, supply fluctuated widely. We found that periods of substantial supply provided good short-term buying opportunities not only because of the increased number of issues available, but also because some investors became more hesitant in their buying as supply grew, causing spreads to widen temporarily. At times when supply was more plentiful, we were proactive in focusing on anticipating cash flows from bond calls and maturing bonds and closely monitored opportunities for reinvestment.

Cash for new purchases during this period was generated primarily by the proceeds from an increased number of bond calls resulting from the growth in refinancings. During this period, we worked to redeploy these proceeds as well as those from maturing bonds to keep the Funds as fully invested as possible. All three Funds also sold selected bonds with short call dates in advance of their call dates to take advantage of attractive purchase candidates as they became available in the market. Overall, selling was relatively limited because the bonds in our portfolios generally offered higher yields than those available in the current marketplace.

As of October 31, 2012, all three of these Funds continued to use inverse floating rate securities. We employ inverse floaters for a variety of reasons, including duration management, income enhancement and total return enhancement.

How did the Funds perform during the twelve-month reporting period ended October 31, 2012?

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

Average Annual Total Returns on Common Share Net Asset Value
For periods ended 10/31/12

Fund	1-Year	5-Year	10-Year
NPI	16.41%	7.20%	6.45%
NPM	15.48%	7.68%	6.66%
NPT	17.96%	8.18%	6.85%
S&P Municipal Bond Index*	9.56%	5.83%	5.35%
Lipper General & Insured Leveraged Municipal Debt Funds Classification Average*	18.77%	7.73%	6.99%

For the twelve months ended October 31, 2012, the total returns on common share net asset value (NAV) for all three of these Nuveen Funds exceeded the return for the S&P Municipal Bond Index. For this same period, the Funds lagged the average return for the Lipper General & Insured Leveraged Municipal Debt Funds Classification Average.

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

In an environment of declining rates and a flattening yield curve, municipal bonds with longer maturities generally outperformed those with shorter maturities during this period. Overall, credits at the longest end of the municipal yield curve posted the strongest returns, while bonds at the shortest end produced the weakest results. For this period, duration and yield curve positioning was a major positive contributor to the performance of these Funds, with the net impact varying according to each Fund's individual weightings along the yield curve. In particular, the Funds benefited from their holdings of long duration bonds, many of which had zero percent coupons, which generally outperformed the market during this period. This was especially true in NPT, which was overweight in zero coupon bonds.

Credit exposure was another important factor in the Funds' performance during these twelve months, as lower quality bonds generally outperformed higher quality bonds. This outperformance was due in part to the greater demand for lower rated bonds as investors looked for investment vehicles offering higher yields. As investors became more comfortable taking on additional investment risk, credit spreads, or the difference in yield spreads between U.S. Treasury securities and comparable investments such as municipal bonds, narrowed through a variety of rating categories. As a result of this spread compression, these Funds benefited from their holdings of lower rated credits, especially NPT, which was overweight in bonds rated BBB and A. NPM, on the other hand, had the largest allocation of bonds rated AA and the smallest weighting of bonds rated BBB, which detracted from its performance.

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

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

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

During this period, revenue bonds as a whole outperformed the general municipal market. Holdings that generally made positive contributions to the Funds' returns included health care (together with hospitals), transportation, education and water and sewer bonds. In general, all of these Funds had strong exposure to the health care (particularly NPT) and transportation sectors. Tobacco credits backed by the 1998 master tobacco settlement agreement also performed extremely well, helped in part by their longer effective durations. These bonds also benefited from market developments, including increased demand for higher yielding investments by investors who had become less risk averse. In addition, based on recent data showing that cigarette sales had fallen less steeply than anticipated, the 46 states participating in the agreement stand to receive increased payments from the tobacco companies. As of October 31, 2012, all three Funds were slightly overweight in tobacco bonds, which benefited their performance as tobacco credits rallied.

In contrast, pre-refunded bonds, which are often backed by U.S. Treasury securities, were the poorest performing market segment during this period. The underperformance of these bonds can be attributed primarily to their shorter effective maturities and higher credit quality. As of October 31, 2012, all three of these Funds were overweight in pre-refunded bonds, with NPI having the largest allocation. General obligation (GO) bonds and housing and utilities (e.g., resource recovery, public power) credits also lagged the performance of the general municipal market for this period. These Funds tended to have smaller weightings in GOs, which lessened the impact of these holdings.

Fund Leverage and
Other Information

IMPACT OF THE FUNDS' LEVERAGE STRATEGIES ON PERFORMANCE

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

THE FUNDS' REGULATORY LEVERAGE

As of October 31, 2012, the Funds have issued and outstanding Variable Rate MuniFund Term Preferred (VMTP) Shares and Variable Rate Demand Preferred (VRDP) Shares as shown in the accompanying tables.

VMTP Shares

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

VRDP Shares

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

Subsequent to the close of this reporting period, NPI successfully exchanged all of its outstanding 4,024 Series 2014 VMTP Shares for 4,024 Series 2015 VMTP Shares. Concurrent with this exchange, the Fund also issued an additional 46 Series 2015 VMTP Shares. Both of these transactions were completed in privately negotiated offerings.

The Fund completed the exchange offer in which it refinanced its existing VMTP Shares with new VMTP Shares at a reduced cost and with a term redemption date of December 1, 2015. The proceeds from the additional VMTP Shares will be used to take advantage of opportunities in the current municipal market. Dividends on the VMTP Shares will be set weekly at a fixed spread to the Securities Industry and Financial Markets Association Municipal Swap Index (SIFMA).

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

RISK CONSIDERATIONS

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

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

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

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

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

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

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

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

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

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.

Common Share Dividend
and Price Information

DIVIDEND INFORMATION

The monthly dividends of NPI and NPT remained stable throughout the twelve-month reporting period ended October 31, 2012, while the monthly dividend of NPM was reduced once during this period.

All of the Funds in this report seek to pay stable dividends at rates that reflect each Fund's past results and projected future performance. During certain periods, each Fund may pay dividends at a rate that may be more or less than the amount of net investment income actually earned by the Fund during the period. If a Fund has cumulatively earned more than it has paid in dividends, it holds the excess in reserve as undistributed net investment income (UNII) as part of the Fund's NAV. Conversely, if a Fund has cumulatively paid dividends in excess of its earnings, the excess constitutes negative UNII that is likewise reflected in the Fund's NAV. Each Fund will, over time, pay all of its net investment income as dividends to shareholders. As of October 31, 2012, all of the Funds in this report had positive UNII balances for both tax and financial reporting purposes.

COMMON SHARE REPURCHASES AND PRICE INFORMATION

As of October 31, 2012, and since the inception of the Funds' repurchase programs, NPM has cumulatively repurchased and retired its outstanding common shares as shown in the accompanying table. Since the inception of the Funds' repurchase programs, NPI and NPT have not repurchased any of their outstanding common shares.

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

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

As of October 31, 2012 and during the twelve-month reporting period, the Funds' common share prices were trading at (+) premiums and/or (-) discounts to their common share NAVs as shown in the accompanying table.

Fund	10/31/12 (+)Premium/(-)Discount	Twelve-Month Average (-)Discount
NPI	(+)0.84%	(-)1.40%
NPM	(-)2.69%	(-)2.37%
NPT	(-)0.21%	(-)1.04%

NPI Performance OVERVIEW

Nuveen Premium Income Municipal Fund, Inc.

as of October 31, 2012

Fund Snapshot

Common Share Price	$	15.56
Common Share Net Asset Value (NAV)	$	15.43
Premium/(Discount) to NAV		0.84%
Market Yield		5.90%
Taxable-Equivalent Yield1		8.19%
Net Assets Applicable to Common Shares ($000)	$987,664	

Leverage

Regulatory Leverage	28.95%
Effective Leverage	35.44%

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

	On Share Price	On NAV
1-Year	22.06%	16.41%
5-Year	9.90%	7.20%
10-Year	7.41%	6.45%

States3
(as a % of total investments)

California	15.7%
Texas	9.6%
New York	9.6%
Illinois	8.4%
Florida	5.8%
New Jersey	5.2%
Louisiana	3.2%
South Carolina	3.2%
Pennsylvania	3.1%
Michigan	3.0%
Massachusetts	3.0%
Minnesota	2.7%
Alabama	2.5%
Wisconsin	2.3%
Washington	1.8%
Oklahoma	1.7%
Other	19.2%

Portfolio Composition3

(as a % of total investments)	
Health Care	18.2%
Tax Obligation/Limited	16.5%
U.S. Guaranteed	15.5%
Transportation	14.7%
Tax Obligation/General	11.5%
Water and Sewer	6.4%
Utilities	5.4%
Other	11.8%

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

1 Taxable-Equivalent Yield represents the yield that must be earned on a fully taxable investment in order to equal the yield of the Fund on an after-tax basis. It is based on a federal income tax rate of 28%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

2 Ratings shown are the highest rating given by one of the following national rating agencies: Standard & Poor's, 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.

3 Holdings are subject to change.

NPM Performance OVERVIEW

Nuveen Premium Income Municipal Fund 2, Inc.

as of October 31, 2012

Fund Snapshot

Common Share Price	$	15.56
Common Share Net Asset Value (NAV)	$	15.99
Premium/(Discount) to NAV		-2.69%
Market Yield		5.75%
Taxable-Equivalent Yield1		7.99%
Net Assets Applicable to Common Shares ($000)	$	1,130,631

Leverage

Regulatory Leverage	30.21%
Effective Leverage	36.24%

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

	On Share Price	On NAV
1-Year	15.97%	15.48%
5-Year	9.89%	7.68%
10-Year	7.38%	6.66%

States3
(as a % of total investments)

Florida	20.3%
California	11.5%
Illinois	9.2%
New York	6.1%
Texas	5.8%
Nevada	4.1%
New Jersey	3.7%
Michigan	3.6%
Louisiana	3.4%
Washington	3.4%
Massachusetts	2.7%
South Carolina	2.3%
Alabama	2.1%
Ohio	2.0%
Pennsylvania	2.0%
Indiana	1.7%
Other	16.1%

Portfolio Composition3
(as a % of total investments)

Health Care	17.7%
Tax Obligation/Limited	16.9%

Tax Obligation/General	15.0%
U.S. Guaranteed	13.2%
Transportation	11.2%
Water and Sewer	7.6%
Education and Civic Organizations	5.9%
Utilities	5.5%
Other	7.0%

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3 Holdings are subject to change.

NPT Performance OVERVIEW

Nuveen Premium Income Municipal Fund 4, Inc.

as of October 31, 2012

Fund Snapshot

Common Share Price	$	14.48
Common Share Net Asset Value (NAV)	$	14.51
Premium/(Discount) to NAV		-0.21%
Market Yield		5.88%
Taxable-Equivalent Yield1		8.17%
Net Assets Applicable to Common Shares ($000)	$	628,367

Leverage

Regulatory Leverage	29.44%
Effective Leverage	35.42%

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

	On Share Price	On NAV
1-Year	20.63%	17.96%
5-Year	11.00%	8.18%
10-Year	7.56%	6.85%

States3
(as a % of total investments)

California	15.5%
Illinois	11.9%
Texas	11.8%
Florida	5.2%
Colorado	3.7%
Louisiana	3.2%
Arizona	3.2%
Michigan	3.1%
Alabama	2.5%
Georgia	2.5%
New York	2.5%
Indiana	2.3%
Ohio	2.3%
Washington	2.3%
Pennsylvania	2.2%
Puerto Rico	2.0%
Other	23.8%

Portfolio Composition3
(as a % of total investments)

Health Care	22.8%
Tax Obligation/Limited	15.8%

Tax Obligation/General	13.9%
U.S. Guaranteed	13.6%
Transportation	8.3%
Water and Sewer	6.8%
Utilities	6.1%
Other	12.7%

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3 Holdings are subject to change.

NPI
NPM
NPT

Shareholder Meeting Report

The annual meeting of shareholders was held on July 31, 2012 in the Lobby Conference Room, 333 West Wacker Drive, Chicago, IL 60606; at this meeting the shareholders were asked to vote on the election of Board Members.

	NPI		NPM		NPT	
	Common and Preferred shares voting together as a class	Preferred shares voting together as a class	Common and Preferred shares voting together as a class	Preferred shares voting together as a class	Common and Preferred shares voting together as a class	Preferred shares voting together as a class
Approval of the Board Members was reached as follows:						
John P. Amboian						
For	56,033,117	—	63,411,940	—	38,799,537	—
Withhold	1,360,259	—	1,306,262	—	744,614	—
Total	57,393,376	—	64,718,202	—	39,544,151	—
Robert P. Bremner						
For	56,012,146	—	63,360,501	—	38,781,115	—
Withhold	1,381,230	—	1,357,701	—	763,036	—
Total	57,393,376	—	64,718,202	—	39,544,151	—
Jack B. Evans						
For	56,005,211	—	63,378,331	—	38,805,648	—
Withhold	1,388,165	—	1,339,871	—	738,503	—
Total	57,393,376	—	64,718,202	—	39,544,151	—
William C. Hunter						
For	—	4,024	—	3,740	—	922
Withhold	—	—	—	300	—	—
Total	—	4,024	—	4,040	—	922
David J. Kundert						
For	55,900,017	—	63,357,860	—	38,763,738	—
Withhold	1,493,359	—	1,360,342	—	780,413	—
Total	57,393,376	—	64,718,202	—	39,544,151	—
William J. Schneider						
For	—	4,024	—	3,740	—	922
Withhold	—	—	—	300	—	—
Total	—	4,024	—	4,040	—	922
Judith M. Stockdale						
For	55,955,022	—	63,283,010	—	38,797,767	—
Withhold	1,438,354	—	1,435,192	—	746,384	—
Total	57,393,376	—	64,718,202	—	39,544,151	—
Carole E. Stone						
For	55,979,287	—	63,303,541	—	38,790,481	—
Withhold	1,414,089	—	1,414,661	—	753,670	—

Total	57,393,376	—	64,718,202	—	39,544,151	—
Virginia L. Stringer						
For	56,003,514	—	63,302,265	—	38,782,807	—
Withhold	1,389,862	—	1,415,937	—	761,344	—
Total	57,393,376	—	64,718,202	—	39,544,151	—
Terence J. Toth						
For	56,022,787	—	63,338,376	—	38,812,733	—
Withhold	1,370,589	—	1,379,826	—	731,418	—
Total	57,393,376	—	64,718,202	—	39,544,151	—

Report of Independent
Registered Public Accounting Firm

The Board of Directors and Shareholders
Nuveen Premium Income Municipal Fund, Inc.
Nuveen Premium Income Municipal Fund 2, Inc.
Nuveen Premium Income Municipal Fund 4, Inc.

We have audited the accompanying statements of assets and liabilities, including the portfolios of investments, of Nuveen Premium Income Municipal Fund, Inc., Nuveen Premium Income Municipal Fund 2, Inc., and Nuveen Premium Income Municipal Fund 4, Inc. (the "Funds") as of October 31, 2012, and the related statements of operations and cash flows for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended. These financial statements and financial highlights are the responsibility of the Funds' management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. We were not engaged to perform an audit of the Funds' internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Funds' internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements and financial highlights, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of October 31, 2012, by correspondence with the custodian and brokers or by other appropriate auditing procedures where replies from brokers were not received. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial positions of Nuveen Premium Income Municipal Fund, Inc., Nuveen Premium Income Municipal Fund 2, Inc., and Nuveen Premium Income Municipal Fund 4, Inc. at October 31, 2012, and the results of their operations and their cash flows for the year then ended, the changes in their net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended, in conformity with U.S. generally accepted accounting principles.

Chicago, Illinois
December 27, 2012

NPI
October 31, 2012

Nuveen Premium Income Municipal Fund, Inc.
Portfolio of Investments

	Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)		Value
		Municipal Bonds – 146.4% (99.6% of Total Investments)				
		Alabama – 3.7% (2.5% 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+	$	1,558,869
	4,000	5.000%, 11/15/39 (UB)	11/16 at 100.00	AA+		4,347,840
	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+		6,472,380
		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		6,348,060
	1,300	5.000%, 11/15/30	11/15 at 100.00	Baa2		1,319,357
	12,000	Birmingham Waterworks and Sewerage Board, Alabama, Water and Sewerage Revenue Bonds, Series 2007A, 4.500%, 1/01/43 – BHAC Insured	1/17 at 100.00	AA+		12,453,960
	2,890	Courtland Industrial Development Board, Alabama, Pollution Control Revenue Bonds, International Paper Company, Series 2005A, 5.000%, 6/01/25	6/15 at 100.00	BBB		2,960,083
	1,000	Montgomery BMC Special Care Facilities Financing Authority, Alabama, Revenue Bonds, Baptist Medical Center, Series 2004C, 5.250%, 11/15/29 (Pre-refunded 11/15/14)	11/14 at 100.00	A3 (4)		1,098,280
	34,625	Total Alabama				36,558,829
		Alaska – 1.4% (0.9% of Total Investments)				
		Anchorage, Alaska, General Obligation Refunding Bonds, Series 2003A:				
	2,000	5.250%, 9/01/17 (Pre-refunded 9/01/13) – FGIC Insured	9/13 at 100.00	AA+ (4)		2,084,020
	2,035	5.250%, 9/01/18 (Pre-refunded 9/01/13) – FGIC Insured	9/13 at 100.00	AA+ (4)		2,120,490
	10,500	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	6/14 at 100.00	B+		9,343,635
	14,535	Total Alaska				13,548,145
		Arizona – 1.7% (1.2% of Total Investments)				

	Glendale Industrial Development Authority, Arizona, Revenue Bonds, John C. Lincoln Health Network, Series 2005B:			
500	5.250%, 12/01/24	12/15 at 100.00	BBB+	528,015
660	5.250%, 12/01/25	12/15 at 100.00	BBB+	696,168
9,720	Phoenix Civic Improvement Corporation, Arizona, Junior Lien Airport Revenue Bonds, Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+	10,785,604
4,100	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37	No Opt. Call	A–	4,751,654
14,980	Total Arizona			16,761,441
	Arkansas – 0.2% (0.2% of Total Investments)			
2,000	Washington County, Arkansas, Hospital Revenue Bonds, Washington Regional Medical Center, Series 2005B, 5.000%, 2/01/25	2/15 at 100.00	Baa1	2,072,300
	California – 23.1% (15.8% of Total Investments)			
9,200	Alameda Corridor Transportation Authority, California, Subordinate Lien Revenue Bonds, Series 2004A, 0.000%, 10/01/20 – AMBAC Insured	No Opt. Call	BBB+	6,912,972
10,000	Anaheim Public Finance Authority, California, Senior Lease Bonds, Public Improvement Project, Refunding Series 2007A-1, 4.375%, 3/01/37 – FGIC Insured	9/17 at 100.00	A1	10,140,900
5,400	California Educational Facilities Authority, Revenue Bonds, University of Southern California, Series 2005, 4.750%, 10/01/28 (UB)	10/15 at 100.00	Aa1	5,932,278

NPI
October 31, 2012

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	California (continued)			
$ 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	$ 1,578,630
	California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A:			
3,730	5.000%, 3/01/28	3/13 at 100.00	A	3,755,998
7,000	5.000%, 3/01/33	3/13 at 100.00	A	7,045,990
5,425	California Health Facilities Financing Authority, Revenue Bonds, Catholic Healthcare West, Series 2004I, 4.950%, 7/01/26 (Mandatory put 7/01/14)	No Opt. Call	A	5,775,889
8,560	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 2005, 5.000%, 11/15/27	11/15 at 100.00	AAA	9,294,448
8,570	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanante System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	9,046,835
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	4,864,848
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–	3,228,613
	California Health Facilities Financing Authority, Revenue Bonds, Stanford Hospitals and Clinics, Tender Option Bond Trust 3294:			
2,140	9.153%, 2/15/20 (IF) (5)	No Opt. Call	AA–	2,651,075
825	9.153%, 2/15/20 (IF)	No Opt. Call	AA–	1,022,027
790	9.145%, 2/15/20 (IF)	No Opt. Call	AA–	978,494
7,205	California State Public Works Board, Lease Revenue Bonds, Department of Corrections, Series 1993E, 5.500%, 6/01/15	No Opt. Call	A2	7,565,034
1,000	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2010A-1, 6.000%, 3/01/35	3/20 at 100.00	A2	1,187,790
3,130	California State, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14	No Opt. Call	Aa3	3,384,907
905	California State, Economic Recovery Revenue Bonds, Series 2004A, 5.250%, 7/01/14 (ETM)	No Opt. Call	Aaa	979,970

	California State, General Obligation Bonds, Series 2004:			
1,160	5.125%, 2/01/25	2/14 at 100.00	A1	1,223,893
10,000	5.125%, 2/01/26	2/14 at 100.00	A1	10,494,900
2,610	California Statewide Communities Development Authority, Revenue Bonds, Kaiser Permanente, Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	A+	2,898,457
	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	BBB	1,707,929
4,730	5.000%, 7/01/39	7/15 at 100.00	BBB	4,851,277
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–	5,646,900
7,130	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Tender Option Bond Trust 3175, 13.471%, 5/15/14 (IF)	5/18 at 100.00	AA–	10,038,113
3,575	Chula Vista, California, Industrial Development Revenue Bonds, San Diego Gas and Electric Company, Series 1996A, 5.300%, 7/01/21	6/14 at 102.00	A+	3,788,249
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+	2,826,322
	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	BB–	6,447,122
2,000	5.750%, 6/01/47	6/17 at 100.00	BB–	1,791,860
3,000	5.125%, 6/01/47	6/17 at 100.00	BB–	2,431,200
5,000	Kern Community College District, California, General Obligation Bonds, Series 2006, 0.000%, 11/01/24 – AGM Insured	No Opt. Call	Aa2	3,131,350

	Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)		Value
		California (continued)				
$	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	$	17,210,700
	530	Martinez, California, Home Mortgage Revenue Bonds, Series 1983A, 10.750%, 2/01/16 (ETM)	No Opt. Call	Aaa		622,570
	14,905	Pomona, California, GNMA/FNMA Collateralized Securities Program Single Family Mortgage Revenue Bonds, Series 1990A, 7.600%, 5/01/23 (ETM)	No Opt. Call	Aaa		19,909,354
	5,000	Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Series 2004, 5.875%, 7/01/26 (Pre-refunded 7/01/14)	7/14 at 100.00	Baa2 (4)		5,461,750
	2,570	Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2003R, 5.000%, 8/15/22 (Pre-refunded 8/15/13) – NPFG Insured	8/13 at 100.00	A1 (4)		2,666,144
	1,130	Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2003R, 5.000%, 8/15/22 – NPFG Insured	8/13 at 100.00	A+		1,166,906
		San Diego County, California, Certificates of Participation, Burnham Institute, Series 2006:				
	400	5.000%, 9/01/21	9/15 at 102.00	Baa3		421,836
	445	5.000%, 9/01/23	9/15 at 102.00	Baa3		464,358
	3,500	San Diego Unified Port District, California, Revenue Bonds, Series 2004B, 5.000%, 9/01/29 – NPFG Insured	9/14 at 100.00	A+		3,634,960
		San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A:				
	10,450	0.000%, 1/15/31 – NPFG Insured	No Opt. Call	BBB		4,060,766
	7,150	0.000%, 1/15/32 – NPFG Insured	No Opt. Call	BBB		2,593,806
	50,400	0.000%, 1/15/34 – NPFG Insured	No Opt. Call	BBB		16,114,896
	24,025	0.000%, 1/15/36 – NPFG Insured	No Opt. Call	BBB		6,759,674
		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		1,253,100
	1,000	6.625%, 12/01/25	12/21 at 100.00	A		1,257,750
	1,325	6.750%, 12/01/26	12/21 at 100.00	A		1,663,776
	279,730	Total California				227,886,616

	Colorado – 1.7% (1.2% of Total Investments)			
2,500	Centennial Water and Sanitation District, Colorado, Water and Sewerage Revenue Bonds, Series 2004, 5.000%, 12/01/21 – FGIC Insured	12/14 at 100.00	AA+	2,705,150
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	736,437
2,125	Colorado Health Facilities Authority, Revenue Bonds, Evangelical Lutheran Good Samaritan Society, Series 2005, 5.000%, 6/01/29	6/16 at 100.00	A–	2,215,461
1,000	Colorado Health Facilities Authority, Revenue Bonds, Parkview Medical Center, Series 2004, 5.000%, 9/01/25	9/14 at 100.00	A3	1,013,340
800	Colorado Health Facilities Authority, Revenue Bonds, Poudre Valley Health Care, Series 2005F, 5.000%, 3/01/25	3/15 at 100.00	A+	828,840
1,670	Denver City and County, Colorado, Airport System Revenue Bonds, Series 1991D, 7.750%, 11/15/13 (Alternative Minimum Tax)	No Opt. Call	A+	1,721,520
20,500	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B, 0.000%, 9/01/32 – NPFG Insured	No Opt. Call	BBB	7,370,160
250	Regional Transportation District, Colorado, Denver Transit Partners Eagle P3 Project Private Activity Bonds, Series 2010, 6.000%, 1/15/41	7/20 at 100.00	Baa3	290,320
29,535	Total Colorado			16,881,228
	Connecticut – 0.5% (0.3% of Total Investments)			
1,930	Connecticut, General Obligation Bonds, Series 2001C, 5.500%, 12/15/16	No Opt. Call	AA	2,303,841
2,310	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A, 5.000%, 11/15/30 – NPFG Insured	11/15 at 100.00	A1	2,533,031
4,240	Total Connecticut			4,836,872

NPI
October 31, 2012

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	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 – NPFG Insured	10/20 at 100.00	AA	$ 1,114,980
	District of Columbia – 2.2% (1.5% of Total Investments)			
3,015	District of Columbia Housing Finance Agency, GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 1988E-4, 6.375%, 6/01/26 (Alternative Minimum Tax)	12/12 at 100.00	AA+	3,021,965
9,505	District of Columbia, General Obligation Bonds, Series 1998B, 6.000%, 6/01/20 – NPFG Insured	No Opt. Call	Aa2	12,364,294
2,130	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1606, 11.561%, 10/01/30 – AMBAC Insured (IF) (5)	10/16 at 100.00	AA+	2,463,388
3,335	Washington Convention Center Authority, District of Columbia, Dedicated Tax Revenue Bonds, Tender Option Bond Trust 1730, 11.557%, 10/01/30 – AMBAC Insured (IF) (5)	10/16 at 100.00	AA+	3,856,794
17,985	Total District of Columbia			21,706,441
	Florida – 8.5% (5.8% of Total Investments)			
2,875	Brevard County Health Facilities Authority, Florida, Revenue Bonds, Health First Inc. Project, Series 2005, 5.000%, 4/01/24	4/16 at 100.00	A–	3,049,283
2,000	Florida Ports Financing Commission, Revenue Bonds, State Transportation Trust Fund, Refunding Series 2011B, 5.375%, 10/01/29 (Alternative Minimum Tax)	10/21 at 100.00	AA+	2,358,020
8,000	Hillsborough County Aviation Authority, Florida, Revenue Bonds, Tampa International Airport, Series 2003A, 5.375%, 10/01/16 – NPFG Insured (Alternative Minimum Tax)	10/13 at 100.00	A+	8,321,280
5,400	Hillsborough County Industrial Development Authority, Florida, Exempt Facilities Remarketed Revenue Bonds, National Gypsum Company, Apollo Beach Project, Series 2000B, 7.125%, 4/01/30 (Alternative Minimum Tax)	11/12 at 100.00	N/R	5,402,268
8,000	JEA, Florida, Water and Sewer System Revenue Bonds, Series 2010D, 5.000%, 10/01/39	4/20 at 100.00	AA	9,065,200
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–	20,440,460

7,575	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010B, 5.000%, 10/01/41	10/20 at 100.00	A	8,373,860
1,800	Miami-Dade County, Florida, Subordinate Special Obligation Refunding Bonds Series 2012B, 5.000%, 10/01/37 (WI/DD, Settling 11/08/12)	10/22 at 100.00	A+	2,001,402
11,100	Miami-Dade County, Florida, Transit System Sales Surtax Revenue Bonds, Series 2012, 5.000%, 7/01/42	7/22 at 100.00	AA	12,547,440
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	7,457,548
1,785	Tallahassee, Florida, Energy System Revenue Bonds, Series 2005, 5.000%, 10/01/28 – NPFG Insured	10/15 at 100.00	AA	1,960,198
2,375	Volusia County School Board, Florida, Certificates of Participation, Series 2005B, 5.000%, 8/01/22 – AGM Insured	8/15 at 100.00	Aa3	2,510,518
77,570	Total Florida			83,487,477
	Georgia – 1.5% (1.0% of Total Investments)			
2,625	Fulton County Development Authority, Georgia, Revenue Bonds, Georgia Tech Molecular Science Building, Series 2004, 5.250%, 5/01/24 – NPFG Insured	5/14 at 100.00	Aa3	2,786,306
6,025	Fulton-DeKalb Hospital Authority, Georgia, Revenue Refunding Certificates, Series 2003, 5.250%, 1/01/20 – AGM Insured	1/14 at 100.00	Aa2	6,344,747
5,010	Metropolitan Atlanta Rapid Transit Authority, Georgia, Sales Tax Revenue Refunding Bonds, Series 1992P, 6.250%, 7/01/20 – AMBAC Insured	No Opt. Call	Aa2	5,883,143
13,660	Total Georgia			15,014,196
	Hawaii – 1.1% (0.7% of Total Investments)			
5,000	Hawaii State, General Obligation Bonds, Series 2003DA, 5.250%, 9/01/21 – NPFG Insured	9/13 at 100.00	AA	5,196,450
5,000	Hawaii State, General Obligation Bonds, Series 2003DA, 5.250%, 9/01/21 (Pre-refunded 9/01/13) – NPFG Insured	9/13 at 100.00	Aa2 (4)	5,207,900
10,000	Total Hawaii			10,404,350

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	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+	$ 2,230,798
600	5.250%, 9/01/37	9/16 at 100.00	BB+	608,784
2,785	Total Idaho			2,839,582
	Illinois – 12.3% (8.4% of Total Investments)			
	Chicago Board of Education, Illinois, Unlimited Tax General Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1:			
8,890	0.000%, 12/01/16 – FGIC Insured	No Opt. Call	A+	8,342,109
10,000	0.000%, 12/01/20 – FGIC Insured	No Opt. Call	A+	7,721,900
10,130	0.000%, 12/01/24 – FGIC Insured	No Opt. Call	A+	6,246,158
	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	A+	11,047,050
10,000	0.000%, 12/01/23 – FGIC Insured	No Opt. Call	A+	6,539,500
3,800	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Series 2011, 5.250%, 12/01/40	12/21 at 100.00	AA	4,362,894
2,630	Chicago, Illinois, Sales Tax Revenue Bonds, Series 2011A, 5.000%, 1/01/41	1/22 at 100.00	AAA	2,964,431
13,310	Cook County, Illinois, General Obligation Bonds, Refunding Series 2010A, 5.250%, 11/15/33	11/20 at 100.00	AA	15,144,517
8,810	Illinois Development Finance Authority, Pollution Control Revenue Refunding Bonds, Illinois Power Company, Series 1994A, 5.700%, 2/01/24 – NPFG Insured	2/13 at 100.00	Baa1	8,824,625
	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2004:			
1,050	5.250%, 11/15/22 (Pre-refunded 5/15/14)	5/14 at 100.00	A (4)	1,128,635
3,000	5.250%, 11/15/23 (Pre-refunded 5/15/14)	5/14 at 100.00	A (4)	3,224,670
985	Illinois Finance Authority, Revenue Bonds, Proctor Hospital, Series 2006, 5.125%, 1/01/25	1/16 at 100.00	BB+	935,701
2,880	Illinois Finance Authority, Revenue Bonds, Provena Health, Series 2009A, 7.750%, 8/15/34	8/19 at 100.00	BBB+	3,742,186
1,970	Illinois Finance Authority, Revenue Bonds, The University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	Aa1	2,201,810
10,280	Illinois Health Facilities Authority, Revenue Bonds, Sherman Health Systems, Series 1997,	2/13 at 100.00	BBB	10,289,663

	5.250%, 8/01/27 – AMBAC Insured			
1,000	Lombard Public Facilities Corporation, Illinois, Second Tier Conference Center and Hotel Revenue Bonds, Series 2005B, 5.250%, 1/01/30	1/16 at 100.00	CCC	517,960
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	11,238,500
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	A3	5,055,441
	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	A3 (4)	3,529,903
1,160	0.000%, 6/15/15 – FGIC Insured (ETM)	No Opt. Call	A3 (4)	1,133,390
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	4,344,720
3,000	Upper Illinois River Valley Development Authority, Healthcare Facilities Revenue Bonds, Morris Hospital, Series 2001, 6.625%, 12/01/31	12/12 at 100.50	BBB+	3,036,300
129,775	Total Illinois			121,572,063
	Indiana – 0.6% (0.4% of Total Investments)			
2,005	Hamilton County Public Building Corporation, Indiana, First Mortgage Bonds, Series 2004, 5.000%, 8/01/22 (Pre-refunded 8/01/14) – AGM Insured	8/14 at 100.00	Aaa	2,169,270
1,260	Indiana Finance Authority, Hospital Revenue Bonds, Community Health Network Project, Series 2012A, 5.000%, 5/01/42 (WI/DD, Settling 11/27/12)	5/23 at 100.00	A	1,380,191
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	2,738,925
5,765	Total Indiana			6,288,386

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

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Iowa – 1.4% (0.9% of Total Investments)			
$ 2,105	Iowa Finance Authority, Industrial Remarketed Revenue Refunding Bonds, Urbandale Hotel Corporation, Series 1989A, 8.500%, 8/01/16 (Alternative Minimum Tax) (ETM)	No Opt. Call	AA+ (4)	$ 2,438,137
	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C:			
10,000	5.500%, 6/01/42	6/15 at 100.00	B+	9,220,500
2,000	5.625%, 6/01/46	6/15 at 100.00	B+	1,889,300
14,105	Total Iowa			13,547,937
	Kansas – 0.6% (0.4% of Total Investments)			
6,000	Kansas Department of Transportation, Highway Revenue Bonds, Series 2004A, 5.000%, 3/01/21 (Pre-refunded 3/01/14)	3/14 at 100.00	AAA	6,377,580
	Kentucky – 2.0% (1.3% of Total Investments)			
3,800	Kentucky Economic Development Finance Authority, Hospital Facilities Revenue Bonds, Owensboro Medical Health System, Series 2010A, 6.500%, 3/01/45	6/20 at 100.00	BBB+	4,554,794
9,195	Lexington-Fayette Urban County Government Public Facilities Corporation, Kentucky State Lease Revenue Bonds, Eastern State Hospital Project, Series 2011A, 5.250%, 6/01/30	6/21 at 100.00	Aa3	10,700,957
	Marshall County School District Finance Corporation, Kentucky, School Building Revenue Bonds, Series 2004:			
1,210	5.000%, 6/01/19 (Pre-refunded 6/01/14) – AMBAC Insured	6/14 at 100.00	Aa3 (4)	1,300,000
1,270	5.000%, 6/01/20 (Pre-refunded 6/01/14) – AMBAC Insured	6/14 at 100.00	Aa3 (4)	1,364,463
1,335	5.000%, 6/01/21 (Pre-refunded 6/01/14) – AMBAC Insured	6/14 at 100.00	Aa3 (4)	1,434,297
16,810	Total Kentucky			19,354,511
	Louisiana – 4.7% (3.2% of Total Investments)			
2,915	Jefferson Sales Tax District, Jefferson Parish, Louisiana, Special Sales Tax Revenue Refunding Bonds, Series 2002, 5.250%, 12/01/19 (Pre-refunded 12/01/12) – AMBAC Insured	12/12 at 100.00	A+ (4)	2,927,360
	Louisiana Public Facilities Authority, Extended Care Facilities Revenue Bonds, Comm-Care Corporation Project, Series 1994:			

215	11.000%, 2/01/14 (ETM)	No Opt. Call	N/R (4)	230,680
1,995	11.000%, 2/01/14 (ETM)	No Opt. Call	N/R (4)	2,139,498
2,000	Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 2005A, 5.250%, 8/15/31	8/15 at 100.00	A+	2,077,820
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	6,136,052
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	5,232,383
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2005A:			
1,200	5.000%, 5/01/25 (Pre-refunded 5/01/15) – FGIC Insured	5/15 at 100.00	Aa1 (4)	1,338,516
2,210	5.000%, 5/01/26 (Pre-refunded 5/01/15) – FGIC Insured	5/15 at 100.00	Aa1 (4)	2,465,100
2,500	5.000%, 5/01/27 (Pre-refunded 5/01/15) – FGIC Insured	5/15 at 100.00	Aa1 (4)	2,788,575
	Louisiana State, Gasoline and Fuels Tax Revenue Bonds, Series 2006A:			
930	4.750%, 5/01/39 – AGM Insured (UB)	5/16 at 100.00	Aa1	1,016,862
10,105	4.500%, 5/01/41 – FGIC Insured (UB)	5/16 at 100.00	Aa1	10,754,145
	Tobacco Settlement Financing Corporation, Louisiana, Tobacco Settlement Asset-Backed Bonds, Series 2001B:			
270	5.500%, 5/15/30	11/12 at 100.00	A1	276,745
8,785	5.875%, 5/15/39	11/12 at 100.00	A–	9,004,449
43,230	Total Louisiana			46,388,185
	Maryland – 0.9% (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	BB+	2,261,644
450	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Cente, Series 2011, 6.000%, 7/01/25	7/21 at 100.00	BBB	542,984

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Maryland (continued)			
$ 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	$ 2,185,700
3,445	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Western Maryland Health, Series 2006A, 4.750%, 7/01/36 – NPFG Insured	7/16 at 100.00	BBB	3,593,617
735	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000B, 6.200%, 7/01/30 (Alternative Minimum Tax)	1/13 at 100.00	Aaa	736,382
8,830	Total Maryland			9,320,327
	Massachusetts – 4.4% (3.0% of Total Investments)			
2,025	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk University Issue, Series 2009A, 5.750%, 7/01/39	7/19 at 100.00	BBB	2,262,452
2,825	Massachusetts Industrial Finance Agency, Resource Recovery Revenue Refunding Bonds, Ogden Haverhill Project, Series 1998A, 5.450%, 12/01/12 (Alternative Minimum Tax)	No Opt. Call	A–	2,829,181
700	Massachusetts Port Authority, Special Facilities Revenue Bonds, ConRac Project, Series 2011A, 5.125%, 7/01/41	7/21 at 100.00	A	784,651
3,820	Massachusetts State, Special Obligation Dedicated Tax Revenue Bonds, Series 2004, 5.250%, 1/01/24 (Pre-refunded 1/01/14) – FGIC Insured	1/14 at 100.00	A1 (4)	4,036,097
13,000	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 2006, 4.375%, 8/01/36 (UB)	8/16 at 100.00	AAA	13,678,600
5,960	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.250%, 8/01/25 – NPFG Insured	8/17 at 100.00	AA+	7,118,028
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+	5,827,802
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+	7,426,883
40,565	Total Massachusetts			43,963,694
	Michigan – 4.5% (3.0% of Total Investments)			
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	A+	2,876,734
	Detroit, Michigan, General Obligation Bonds, Series 2003A:			

3,565	5.250%, 4/01/22 – SYNCORA GTY Insured	4/13 at 100.00	B	3,309,104
1,275	5.250%, 4/01/23 – SYNCORA GTY Insured	4/13 at 100.00	B	1,167,403
3,000	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Metropolitan Hospital, Series 2005A, 6.000%, 7/01/35	7/15 at 100.00	BB+	3,145,500
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–	4,361,057
10,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2003II, 5.000%, 10/15/23 – NPFG Insured	10/13 at 100.00	Aa3	10,418,200
1,000	Michigan State Building Authority, Revenue Refunding Bonds, Facilities Program, Series 2011-I-A, 5.375%, 10/15/41	10/21 at 100.00	Aa3	1,156,800
5,200	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2009C, 5.000%, 12/01/48	6/22 at 100.00	AA	5,736,692
	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2006A:			
725	5.000%, 12/01/31 (Pre-refunded 12/01/16) (UB)	12/16 at 100.00	N/R (4)	852,071
3,275	5.000%, 12/01/31 (UB)	12/16 at 100.00	AA	3,649,758
850	Monroe County Hospital Finance Authority, Michigan, Mercy Memorial Hospital Corporation Revenue Bonds, Series 2006, 5.500%, 6/01/35	6/16 at 100.00	BBB	902,488
6,390	Wayne County, Michigan, Airport Revenue Bonds, Detroit Metropolitan Airport, Series 2002D, 5.500%, 12/01/19 – FGIC Insured (Alternative Minimum Tax)	12/12 at 100.00	A2	6,414,282
41,595	Total Michigan			43,990,089

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Nuveen Premium Income Municipal Fund, Inc. (continued)
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Minnesota – 4.0% (2.7% of Total Investments)			
$ 13,650	Cohasset, Minnesota, Pollution Control Revenue Bonds, Allete Inc., Series 2004, 4.950%, 7/01/22	7/14 at 100.00	A2	$ 14,126,385
2,000	Duluth Economic Development Authority, Minnesota, Healthcare Facilities Revenue Bonds, Benedictine Health System – St. Mary's Duluth Clinic, Series 2004, 5.375%, 2/15/22 (Pre-refunded 2/15/14)	2/14 at 100.00	N/R (4)	2,129,260
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–	3,387,300
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	11/12 at 100.00	A	90,159
1,500	Minnesota Municipal Power Agency, Electric Revenue Bonds, Series 2004A, 5.250%, 10/01/24	10/14 at 100.00	A3	1,618,410
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–	1,638,921
13,815	St. Paul Housing and Redevelopment Authority, Minnesota, Sales Tax Revenue Refunding Bonds, Civic Center Project, Series 1996, 7.100%, 11/01/23 – AGM Insured	11/15 at 103.00	AA–	16,378,650
35,600	Total Minnesota			39,369,085
	Mississippi – 0.7% (0.4% of Total Investments)			
6,875	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24 (UB)	9/14 at 100.00	AA	7,332,669
	Missouri – 0.6% (0.4% of Total Investments)			
2,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior Services – Heisinger Project, Series 2004, 5.250%, 2/01/24	2/14 at 100.00	BBB+	2,032,800
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+	521,090
	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A:			
1,565	6.000%, 6/01/20	No Opt. Call	A	1,800,626
1,660	5.000%, 6/01/35		A	1,713,269

		6/15 at 100.00		
5,725	Total Missouri			6,067,785
	Nebraska – 0.3% (0.2% of Total Investments)			
1,620	Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Series 2006A, 19.658%, 8/01/40 – AMBAC Insured (IF)	2/17 at 100.00	AA+	2,823,368
	Nevada – 1.7% (1.1% of Total Investments)			
8,800	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien Series 2010B, 5.750%, 7/01/42	1/20 at 100.00	A+	10,138,304
2,700	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	BBB–	3,091,095
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+	2,945,696
294	Nevada State Las Vegas Monorail Company, Series 2012A, 5.500%, 07/15/19 (6)	No Opt. Call	N/R	211,849
88	Nevada State Las Vegas Monorail Company, Series 2012B, 3.000%, 06/30/55 (6)	No Opt. Call	N/R	36,575
14,482	Total Nevada			