

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND
Form N-CSR
August 08, 2007

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

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-7484

Nuveen Massachusetts Premium Income Municipal Fund

(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: May 31

Date of reporting period: May 31, 2007

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

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

ITEM 1. REPORTS TO STOCKHOLDERS.

ANNUAL REPORT
May 31, 2007

Nuveen Investments
MUNICIPAL CLOSED-END FUNDS

Photo of: Small child

NUVEEN CONNECTICUT
PREMIUM INCOME
MUNICIPAL FUND
NTC

NUVEEN CONNECTICUT
DIVIDEND ADVANTAGE
MUNICIPAL FUND
NFC

NUVEEN CONNECTICUT
DIVIDEND ADVANTAGE
MUNICIPAL FUND 2
NGK

NUVEEN CONNECTICUT
DIVIDEND ADVANTAGE
MUNICIPAL FUND 3
NGO

NUVEEN MASSACHUSETTS
PREMIUM INCOME
MUNICIPAL FUND
NMT

NUVEEN MASSACHUSETTS
DIVIDEND ADVANTAGE
MUNICIPAL FUND
NMB

NUVEEN INSURED
MASSACHUSETTS
TAX-FREE ADVANTAGE
MUNICIPAL FUND
NGX

NUVEEN MISSOURI
PREMIUM INCOME
MUNICIPAL FUND
NOM

IT'S NOT WHAT YOU EARN, IT'S WHAT YOU KEEP. (R)

Logo: NUVEEN Investments

Photo of: Man working on computer

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.

Logo: NUVEEN Investments

Chairman's
LETTER TO SHAREHOLDERS

Photo: Timothy R. Schwertfeger

Timothy R. Schwertfeger
Chairman of the Board

ONCE AGAIN, I AM PLEASED TO REPORT THAT OVER THE TWELVE-MONTH PERIOD COVERED BY THIS REPORT YOUR FUND CONTINUED TO PROVIDE YOU WITH ATTRACTIVE MONTHLY TAX-FREE INCOME. FOR MORE DETAILS ABOUT THE MANAGEMENT STRATEGY AND PERFORMANCE OF YOUR FUND, PLEASE READ THE PORTFOLIO MANAGERS' COMMENTS, THE DIVIDEND AND SHARE PRICE INFORMATION, AND THE PERFORMANCE OVERVIEW SECTIONS OF THIS REPORT.

I ALSO WANTED TO TAKE THIS OPPORTUNITY TO REPORT SOME IMPORTANT NEWS ABOUT NUVEEN INVESTMENTS. WE HAVE AGREED TO A "GROWTH BUYOUT" OFFER FROM A PRIVATE EQUITY INVESTMENT FIRM. WHILE THIS MAY AFFECT THE CORPORATE STRUCTURE OF NUVEEN INVESTMENTS, IT WILL HAVE NO IMPACT ON THE INVESTMENT OBJECTIVES OF THE FUNDS, PORTFOLIO MANAGEMENT STRATEGIES OR THEIR DIVIDEND POLICIES. WE WILL PROVIDE YOU WITH ADDITIONAL INFORMATION ABOUT THIS TRANSACTION AS MORE DETAILS BECOME AVAILABLE.

FOR SOME TIME, I'VE USED THESE LETTERS TO REMIND YOU THAT MUNICIPAL BONDS CAN BE AN IMPORTANT BUILDING BLOCK IN A WELL-BALANCED INVESTMENT PORTFOLIO. IN ADDITION TO PROVIDING ATTRACTIVE TAX-FREE MONTHLY INCOME, A MUNICIPAL BOND INVESTMENT LIKE YOUR FUND MAY HELP YOU ACHIEVE AND BENEFIT FROM GREATER PORTFOLIO DIVERSIFICATION. PORTFOLIO DIVERSIFICATION IS A RECOGNIZED WAY TO TRY TO REDUCE

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

SOME OF THE RISK THAT COMES WITH INVESTING. FOR MORE INFORMATION ABOUT THIS IMPORTANT INVESTMENT STRATEGY, I ENCOURAGE YOU TO CONTACT YOUR PERSONAL FINANCIAL ADVISOR.

WE ALSO ARE PLEASED TO BE ABLE TO OFFER YOU A CHOICE CONCERNING HOW YOU RECEIVE YOUR SHAREHOLDER REPORTS AND OTHER FUND INFORMATION. AS AN ALTERNATIVE TO MAILED COPIES, YOU CAN SIGN UP TO RECEIVE FUTURE FUND REPORTS AND OTHER FUND INFORMATION BY E-MAIL AND THE INTERNET. THE INSIDE FRONT COVER OF THIS REPORT CONTAINS INFORMATION ON HOW YOU CAN SIGN UP.

WE ARE GRATEFUL THAT YOU HAVE CHOSEN US AS A PARTNER AS YOU PURSUE YOUR FINANCIAL GOALS AND WE LOOK FORWARD TO CONTINUING TO EARN YOUR TRUST IN THE MONTHS AND YEARS AHEAD. AT NUVEEN INVESTMENTS, OUR MISSION CONTINUES TO BE TO ASSIST YOU AND YOUR FINANCIAL ADVISOR BY OFFERING INVESTMENT SERVICES AND PRODUCTS THAT CAN HELP YOU TO SECURE YOUR FINANCIAL OBJECTIVES.

SINCERELY,

/S/ TIMOTHY R. SCHWERTFEGER

TIMOTHY R. SCHWERTFEGER
CHAIRMAN OF THE BOARD
July 16, 2007

Portfolio Managers' COMMENTS

Nuveen Investments Municipal Closed-End Funds

NTC, NFC, NGK, NGO,
NMT, NMB, NGX, NOM

Portfolio managers Cathryn Steeves and Scott Romans review national and state economic and municipal market environments, key investment strategies, and the annual performance of these eight Nuveen Funds. Cathryn, who joined Nuveen in 1996, has managed the Connecticut and Massachusetts Funds since July 2006. Scott, who has been with Nuveen since 2000, assumed portfolio management responsibility for NOM in 2003.

WHAT FACTORS AFFECTED THE U.S. ECONOMIC AND MUNICIPAL MARKET ENVIRONMENTS DURING THE 12-MONTH REPORTING PERIOD ENDED MAY 31, 2007?

Between June 1, 2006 and May 31, 2007, we saw interest rates at the short end of the yield curve rise modestly, while longer rates generally declined. After announcing one further rate increase in late June 2006, the Federal Reserve ended its unprecedented series of 17 consecutive 0.25% rate hikes that brought the fed funds rate to 5.25% over a two-year span. During the remaining 11 months of this reporting period, the Fed left monetary policy unchanged as it kept close tabs on inflationary pressures and the pace of economic growth. Over this same 12-month period, the yield on the benchmark 10-year U.S. Treasury note dropped 22 basis points to end May 2007 at 4.89%. In the municipal market, the yield on the Bond Buyer 25 Revenue Bond Index, a widely followed measure of longer-term municipal market rates, fell to 4.57% at the end of May 2007, a decline of 65 basis points from the end of May 2006. As interest rates on shorter-term municipal bonds reached the levels of longer-term bonds, the municipal yield curve continued to flatten and bonds with longer durations¹ generally outperformed those with shorter durations during this period.

Although many market observers had expected the Fed to act on rates in early 2007, slowing economic growth, higher energy prices and a slumping housing

market helped to keep the Fed on the sidelines. The U.S. gross domestic product (GDP), a closely watched measure of economic growth, operated at below-trend levels through most of 2006, expanded at a rate of 2.6% in the second quarter of 2006, 2.0% in the third quarter, and 2.5% in the fourth quarter (all GDP numbers annualized). In the first quarter of 2007, the rate of GDP growth slowed even further to 0.7%, the weakest rate since 2002. While the Consumer Price Index (CPI) registered a 2.7% year-over-year gain as of May 2007, the increase in this inflation gauge for the first five months of 2007 was 5.5%, driven largely by a 36% gain in energy prices. By comparison, the core CPI (which excludes food and energy prices) rose 2.1% as of May 2007, close to the Fed's

1 Duration is a measure of a bond's price sensitivity as interest rates change, with longer duration bonds displaying more sensitivity to these changes than bonds with shorter durations.

4

unofficial target of 2.0% or lower. The labor market remained tight, with a national unemployment rate of 4.5% in May 2007, down from 4.6% in May 2006.

Over the 12 months ended May 2007, municipal bond issuance nationwide totaled \$423.4 billion, up 15% from the previous 12 months. This total reflected a sharp increase in supply during the first five months of 2007, when \$173.7 billion in new securities came to market, up almost 30% over the same period in 2006. A major factor in 2007 volume was the 56% increase in advance refundings,² driven by attractive borrowing rates for issuers. The strength and diversity of the demand for municipal bonds were as important as the increase in supply, as the surge in issuance was easily absorbed by retail investors, institutional investors such as hedge funds and arbitragers, and overseas investors, all of whom continued to participate in the market.

HOW WERE THE ECONOMIC AND MARKET CONDITIONS IN CONNECTICUT, MASSACHUSETTS, AND MISSOURI DURING THIS PERIOD?

Connecticut, which continued to have the nation's highest income per capita during this period, featured a diverse economy led by manufacturing, financial services, education and health care. Although the defense industry's role in the state economy continued to decline, Connecticut still relied heavily on this sector, ranking seventh in terms of total defense dollars awarded to the 50 states. The Connecticut economy continued to expand with a growth rate that ranked 33rd in terms of GDP by state in 2006. Unemployment in the state has yet to recover to its pre-recession levels. As of May 2007, Connecticut's unemployment rate was 4.5%, up from 4.1% in May 2006. Due to increased tax receipts, Connecticut expected to end fiscal 2007 with a \$536 million surplus, marking the fourth consecutive year it has ended with a surplus. The 2008-2009 biennium state budget called for drawing down this surplus and increasing income and cigarette taxes to achieve balance. In April 2007, both Moody's and Standard & Poor's reconfirmed their ratings on Connecticut general obligation debt at Aa3 and AA, respectively, with stable outlooks. Contrary to the increase generally seen in most states, issuance of municipal debt in Connecticut during the 12 months ended May 31, 2007, fell 10%, to \$4.3 billion, from the previous 12 months. For the first five months of 2007, issuance totaled \$1.2 billion, down 30% compared with the first five months of 2006. According to Moody's, Connecticut's debt per capita was the second highest in the nation (following Massachusetts), and the debt per capita/income per capita ratio was the third highest among the 50 states.

Massachusetts' economy remained varied, with growth driven by education, health care, financial services and technology. The concentration of colleges and universities in the commonwealth continued to add a degree of stability to its employment environment and provide a source of well-educated workers for its service industries.

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

5

Education-related jobs accounted for approximately 5% of Massachusetts' employment, twice the national average. Employment growth has weakened in recent months, and in May 2007, the unemployment rate in Massachusetts was 5.1%, up from 4.9% in May 2006. Population trends in the commonwealth, while positive, lagged the national average. For fiscal 2007, Massachusetts' \$25.7 billion budget provided increased spending for school aid and assistance to municipalities while holding the line on major tax increases. Tax revenues for fiscal 2007 were expected to exceed projections by \$328 million. The \$26.7 billion fiscal 2008 budget called for closing a projected \$1.2 billion deficit through corporate tax hikes, elimination of deposits into the budget stabilization fund, and utilizing the interest from that fund, which was projected to end fiscal 2007 with a balance of \$2.3 billion. In November 2006, Moody's confirmed its rating on Massachusetts general obligation debt at Aa2, and S&P confirmed its rating of AA in December 2006; both rating agencies maintained stable outlooks. For the 12 months ended May 31, 2007, Massachusetts went against the national trend of increased municipal supply, issuing \$11.6 billion in debt, a decrease of 6% from the previous 12 months. During January-May 2007, however, the commonwealth's issuance of \$6.1 billion in new municipal paper represented a surge of 55% over the first five months of 2006. According to Moody's, Massachusetts' debt per capita ranked as the highest in the nation, and debt as a percentage of personal income ranked second among the 50 states. Over the past two decades, debt levels in the commonwealth rose in conjunction with costs associated with the Central Artery/Ted Williams Tunnel Project, or Big Dig, which came in at approximately \$15 billion, compared with the pre-construction estimate of \$5 billion in 1991.

Missouri's economy grew at a steady but considerably slower pace than the national average in 2006, as continued problems in the struggling manufacturing sector impacted expansion. While the state economy continued to rely heavily on automotive, communication and aerospace manufacturing, it also diversified into the highly competitive biotechnology sector. In May 2007, the unemployment rate in Missouri was 4.6%, compared with 4.7% in May 2006. Population growth in the state over the past six years was positive, although behind the national average. For fiscal 2007, the state budget included appropriations for elementary schools and road construction while reducing the number of state employees. The fiscal 2008 budget, which represented an increase of 3.8% over 2007, called for redeploying money from the general fund, reducing it from 6.4% of budget appropriations to 2.4%. As of May 2007, Moody's and S&P maintained their ratings on Missouri general obligation (GO) debt at Aaa/AAA with a stable outlook, reflecting the state's conservative fiscal policy and financial management. During the 12 months ended May 31, 2007, the increase in municipal issuance in Missouri outpaced the national trend, rising 28% over the previous 12-month period, to \$8.2 billion. For January-May 2007, issuance in the state totaled \$2.2 billion, down 19% from the first five months of 2006. This issuance fluctuation is fairly typical of smaller

markets such as Missouri. According to Moody's, Missouri's debt levels were moderate in relation to the state's economic base, with both debt per capita and debt as a percentage of personal income remaining well below national medians.

WHAT KEY STRATEGIES WERE USED TO MANAGE THESE FUNDS DURING THIS PERIOD?

In the municipal bond interest rate environment of the past 12 months, we continued to emphasize a disciplined approach to duration management and yield curve positioning. As part of this approach, our purchases for the Funds' portfolios focused mainly on attractively priced bonds maturing in 20 to 30 years. Overall, we believed that the bonds we purchased during this period represented opportunities to add value, manage duration and enhance performance and income.

In NOM, our duration management strategies during this period included the use of inverse floating rate trusts,³ a type of derivative financial instrument. The inverse floater had the dual benefit of increasing the Fund's distributable income and bringing its duration closer to our preferred strategic target. As discussed in past shareholder reports, we have also used Treasury futures contracts and forward interest rate swaps (additional types of derivative instruments) as duration management tools when we believed this supported our overall investment performance strategies. The goal of this strategy is to help us manage net asset value (NAV) volatility without having a negative impact on the Funds' income streams or common share dividends over the short term. During this reporting period, we used swaps in all three of the Massachusetts Funds and both swaps and futures contracts in the four Connecticut Funds. As of May 31, 2007, the futures contracts had been removed, while the swaps remained in place in NTC, NFC, NGK, NGO, NMT, and NMB.

We also continued to emphasize individual credit selection. While supply in all three states remained relatively strong, both Connecticut and Massachusetts saw small declines in municipal issuance for the entire 12-month period. Since all three of these states are high-quality issuers, much of the new supply was highly rated and/or insured. The combination of reduced supply and high quality issuance in Connecticut and Massachusetts meant that we found fewer opportunities in these markets to add lower-rated credits to our portfolios. During this period, we added to the Connecticut and Massachusetts Funds' positions in health care (both hospitals and long-term/continuing care facilities), higher education and multifamily and single-family housing. We also continued to build positions in bonds that could help us increase the Funds' income-generating potential and manage duration including non-callable bonds.

3 An inverse floating rate trust is a financial instrument designed to pay long-term tax-exempt interest at a rate that varies inversely with a short-term tax-exempt interest rate index. For the Nuveen Funds, the index typically used is the Securities Industry and Financial Markets (SIFM) Municipal Swap Index (previously referred to as the Bond Market Association Index or BMA). Inverse floaters, including those inverse floating rate securities in which the Funds invested during the 12-month period, are further defined within the "Notes to Financial Statements" and "Glossary of Terms Used in This Report" sections of this shareholder report.

In Missouri during this period, various market conditions resulted in a number of large lower-rated, uninsured hospital offerings coming to market at the same time. To ensure buyer interest, these deals were offered at very attractive prices. We found opportunities to purchase lower credit quality and non-rated bonds that we considered attractive based not only on their price, but also on their performance potential and the support they could provide for NOM's income stream. These purchases focused mainly on health care and tax increment financing (TIF) bonds. As part of our efforts to extend NOM's duration, we also added housing bonds with long maturities to our portfolio.

To help maintain the Funds' durations within our preferred strategic range and to generate cash for purchases, we selectively sold some of the Funds' holdings with shorter durations.

HOW DID THE FUNDS PERFORM?

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

Total Returns on Net Asset Value

For periods ended 5/31/07

	Annualized		
	1-Year	5-Year	10-Year
Connecticut Funds			
NTC	4.79%	5.86%	6.52%
NFC	5.05%	6.49%	NA
NGK	5.13%	6.55%	NA
NGO	5.42%	NA	NA
Massachusetts Funds			
NMT	5.47%	5.90%	6.22%
NMB	5.14%	7.35%	NA
Missouri Fund			
NOM	4.17%	5.85%	6.26%
Lehman Brothers			
Municipal Bond Index ⁴	4.84%	4.94%	5.61%
Insured Massachusetts Fund			
NGX	5.12%	NA	NA
Lehman Brothers Insured			
Municipal Bond Index ⁴	5.01%	5.16%	5.81%
Lipper Other States			
Municipal Debt Funds Average ⁵	5.25%	6.68%	6.36%

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

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

- 4 The Lehman Brothers Municipal Bond Index is an unleveraged, unmanaged national index comprising a broad range of investment-grade municipal bonds, while the Lehman Brothers Insured Municipal Bond Index is an unleveraged, unmanaged national index containing a broad range of insured municipal bonds. Results for the Lehman indexes do not reflect any expenses.
- 5 The Lipper Other States Municipal Debt Funds Average is calculated using the returns of all closed-end funds in this category for each period as follows: 1 year, 46; 5 years, 27; and 10 years, 18. Fund and Lipper returns assume reinvestment of dividends.

8

For the 12 months ended May 31, 2007, the total returns on net asset value for NFC, NGK, NGO, NMT, and NMB exceeded the return on the national Lehman Brothers Municipal Bond Index, NTC performed in line with this Lehman index, while NOM trailed the index. For the same period, NGX outperformed the return on the Lehman Brothers Insured Municipal Bond Index. During this 12 month period, NGO and NMT outperformed the average return for the Lipper Other States Municipal Debt Funds Average, while the other Funds lagged the group average. Shareholders should note that the performance of the Lipper Other States Municipal Debt Funds Average represents the overall average of returns for funds from 10 different states with a wide variety of municipal market conditions, making direct comparisons less meaningful.

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

As the yield curve continued to flatten over the course of this period, municipal bonds with maturities of 15 years and longer, as measured by the Lehman Brothers Municipal Bond Index, performed best, generally outpacing municipal bonds with shorter maturities, especially those with maturities of 5 years and less. While our strategies during this period included adding longer bonds to all of our portfolios, most of these Funds remained short of our strategic target range in terms of their holdings of bonds in the longest part of the yield curve, which was negative for performance. In the Connecticut and Massachusetts Funds, this was offset to a large degree by these Funds' heavier exposure to the intermediate part of the curve and their lower allocations to the shorter part of the curve. The yield curve and duration positioning of the Connecticut and Massachusetts Funds during this period was a positive contributor to their performance.

Due in part to a large number of advance refundings over the past two years, however, NOM had heavy exposure to the short part of the yield curve that did not perform well, including holdings of higher coupon and pre-refunded bonds that had final maturities in 2009-2012 or that were priced to calls in that time span. This had a major negative impact on NOM's performance for this period. As previously mentioned, we worked on restructuring NOM's portfolio during this period by extending the Fund's duration and reducing its exposure to the part of the curve that underperformed.

With bonds rated BBB or lower and non-rated bonds generally outperforming other credit quality sectors during this period, all of these Funds benefited from their weightings in lower-quality credits. The outperformance of these credit sectors was largely the result of investor demand for the higher yields typically associated with lower-rated bonds, which drove up their value. As Dividend Advantage Funds, NFC,

NGK, NGO, and NMB can invest up to 20% of their assets in below-investment-grade securities (bonds rated BB or below) or in non-rated bonds judged to be in the same credit quality category. The exposure of these four Funds to the subinvestment-grade sector, together with a fee reimbursement agreement, contributed to the performance of these Funds during this period. In addition, NGO had the heaviest weighting of bonds rated BBB across all eight of these Funds, which further benefited its performance. The insured NGX, which can invest up to 20% of its assets in uninsured investment-grade quality securities, held 2% of its assets in bonds rated BBB as of May 31, 2007.

Among the lower-rated holdings making positive contributions to the Funds' returns for this period were industrial development bonds and health-care (including hospitals and long-term care facilities) credits, which ranked as the top performing revenue sectors in the Lehman Brothers Municipal Bond Index. Lower-rated bonds backed by the 1998 master tobacco settlement agreement also performed well. As of May 31, 2007, the Connecticut Funds held approximately 2% to 3% of their portfolios in lower-rated tobacco bonds, while NMT had allocated less than 1% of its portfolio to these bonds. NMB, NGX, and NOM did not hold any tobacco bonds.

Additional sectors that helped the Funds' performances during this period included tax-appropriation and TIF bonds. The Funds' holdings of noncallable bonds also provided a positive impact on performance for this period.

We continued to see positive contributions from advance refunding activity, which benefited the Funds through price appreciation and enhanced credit quality. All of the Funds saw healthy levels of pre-refunding activity. In particular, NMT's performance received a boost from its newly pre-refunded holdings. However, NTC had only about half as many advance refundings as the other three Connecticut Funds, which hampered its performance relative to its peers.

At the same time, older, previously pre-refunded bonds tended to underperform the general municipal market during this period, due primarily to their shorter effective maturities. In addition, holdings of single-family housing bonds negatively impacted the performances of all of these Funds (with the exception of NGX, which did not hold any single-family housing bonds), due to the underperformance of this sector as the municipal market rallied.

We should also note that all of these Funds continued to use financial leverage to provide opportunities for additional income and total return for common shareholders. This strategy can also add volatility to a Fund's NAV and share price. Over this period, the use of leverage was generally a positive factor in the Funds' total return performance, especially in relation to that of the unleveraged Lehman Brothers Municipal Bond Index.

Dividend and Share Price
INFORMATION

As previously noted, all eight of the Funds in this report use leverage to potentially enhance opportunities for additional income for common shareholders. Although the Funds' use of this strategy continued to provide incremental income, the extent of this benefit was somewhat reduced during this period due to high short-term interest rates that, in turn, kept the Funds' borrowing costs high. The Funds' income streams were also impacted as the proceeds from older, higher-yielding bonds that matured or were called or sold were reinvested into bonds currently available in the market, which generally offered lower yields. The combination of these factors resulted in one monthly dividend reduction in NTC and NGO and two in NFC, NGK, NMT, NMB, and NOM over the 12-month period ended May 31, 2007. In NGX, however, we were able to increase the dividend effective November 2006.

Due to normal portfolio activity, common shareholders of the following Funds received capital gains and net ordinary income distributions at the end of December 2006 as follows:

	Long-Term Capital Gains (per share)	Short-Term Capital Gains and/or Ordinary Income (per share)
NTC	\$0.0652	\$0.0043
NGK	\$0.0363	\$0.0008
NMT	\$0.0049	\$0.0027
NOM	\$0.0048	--

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 May 31, 2007, all of the Funds in this report had positive UNII balances for tax purposes and negative UNII balances for financial statement purposes.

As of May 31, 2007, the Funds' share prices were trading at premiums or discounts to their NAVs as shown in the accompanying chart:

	5/31/07 Premium/Discount	12-Month Average Premium/Discount
NTC	+3.61%	-1.52%
NFC	+10.91%	+5.44%
NGK	+10.30%	+5.52%
NGO	+2.80%	-2.15%
NMT	-1.58%	-1.61%

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

NMB	+9.70%	+2.60%
NGX	-0.34%	-5.25%
NOM	+16.05%	+11.81%

13

NTC
Performance
OVERVIEW

Nuveen Connecticut Premium Income Municipal Fund
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	78%
AA	13%
BBB	8%
N/R	1%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.0545
Jul	0.0545
Aug	0.0545
Sep	0.0545
Oct	0.0545
Nov	0.0545
Dec	0.0545
Jan	0.0545
Feb	0.0545
Mar	0.052
Apr	0.052
May	0.052

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	14.1
	14.21
	14.01
	13.9
	13.71
	13.73
	13.7
	14.2
	14.34
	13.85
	13.7801
	13.89
	13.72
	13.68
	13.72
	13.58
	13.58
	13.5
	13.59

13.73
13.55
13.81
13.85
13.64
13.67
13.91
13.79
13.68
13.63
13.66
13.8
13.79
13.8
13.88
13.72
13.8
13.85
13.9
13.72
13.8212
13.76
14.01
13.96
14.05
13.88
14.2401
14.16
14.26
14.26
14.3
14.26
14.26
14.15
14.3
14.33
14.22
14.22
14.22
14.3
14.38
14.21
14.29
14.27
14.38
14.42
14.53
14.55
14.32
14.32
14.24
14.5
14.6
14.72
14.75
14.55
14.64
14.69
14.47
14.47
14.52
14.74

14.85
14.63
14.88
14.57
14.57
14.53
14.68
14.59
14.6
14.54
14.53
14.6489
14.54
14.68
14.54
14.41
14.51
14.45
14.4
14.49
14.4
14.4
14.34
14.6
14.39
14.39
14.39
14.38
14.6
14.47
14.47
14.39
14.54
14.52
14.46
14.37
14.48
14.42
14.37
14.37
14.31
14.37
14.37
14.37
14.35
14.36
14.37
14.39
14.29
14.27
14.23
14.23
14.17
14.34
14.49
14.5
14.26
14.35
14.36
14.15
14.2
14.19

14.04
14.13
14.04
14
14.08
14.07
14.07
14.08
14.13
14.2
14.26
14.31
14.48
14.37
14.37
14.22
14.33
14.41
14.35
14.4
14.43
14.44
14.39
14.37
14.33
14.37
14.35
14.5
14.57
14.57
14.5
14.52
14.52
14.56
14.52
14.45
14.45
14.501
14.44
14.65
14.53
14.66
14.52
14.51
14.55
14.59
14.68
14.64
14.64
14.56
14.51
14.59
14.6066
14.66
14.66
14.58
14.64
14.56
14.53
14.49
14.65
14.51

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

14.52
 14.63
 14.56
 14.52
 14.52
 14.49
 14.49
 14.6
 14.51
 14.55
 14.53
 14.63
 14.56
 14.61
 14.564
 14.46
 14.51
 14.5285
 14.55
 14.48
 14.59
 14.6
 14.59
 14.5475
 14.58
 14.62
 14.62
 14.64
 14.56
 14.47
 14.6
 14.65
 14.91
 14.94
 15
 14.82
 15
 15.01
 15.01
 15.02
 14.99
 14.9
 14.85
 14.91
 14.95
 14.91
 14.9
 14.77
 14.91

May 31, 2007

FUND SNAPSHOT

Common Share Price	\$14.91
Common Share Net Asset Value	\$14.39
Premium/(Discount) to NAV	3.61%
Market Yield	4.19%
Taxable-Equivalent Yield ¹	6.13%

Net Assets Applicable to Common Shares (\$000)	\$77,151
Average Effective Maturity on Securities (Years)	15.58
Leverage-Adjusted Duration	8.28

AVERAGE ANNUAL TOTAL RETURN
(Inception 5/20/93)

	ON SHARE PRICE	ON NAV
1-Year	12.33%	4.79%
5-Year	4.16%	5.86%
10-Year	6.12%	6.52%

INDUSTRIES
(as a % of total investments)

Education and Civic Organizations	19.7%
Tax Obligation/General	17.5%
U.S. Guaranteed	13.3%
Tax Obligation/Limited	12.0%
Water and Sewer	11.0%
Health Care	8.7%
Long-Term Care	4.9%
Other	12.9%

- 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 combined federal and state income tax rate of 31.6%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.
- 2 The Fund paid shareholders capital gains and net ordinary income distributions in December 2006 of \$0.0695 per share.

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	67%
AA	17%
A	4%
BBB	11%
N/R	1%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.0635
Jul	0.0635
Aug	0.0635
Sep	0.0605
Oct	0.0605
Nov	0.0605
Dec	0.0605
Jan	0.0605
Feb	0.0605
Mar	0.058
Apr	0.058
May	0.058

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	16.6
	16.56
	15.75
	15.75
	15.9
	15.99
	16.03
	15.88
	15.88
	15.8
	15.8
	15.5
	15.41
	15.21
	15.39
	15.15
	15.15
	15.47
	15.2
	15.23
	15.23
	15.37
	15.68
	15.79
	15.8
	16.15
	16.07
	16.07
	16
	16
	16.09
	16.09
	16.0899

16.43
16.15
16.04
16.25
16.18
16.01
16.22
15.71
15.95
15.88
15.8
15.72
15.77
15.75
15.8
15.8
15.7
15.8
15.8
15.97
15.9
15.95
16.05
16.32
16.54
16.62
16.4
16.14
16.05
16.22
16.22
16.39
16.48
16.4422
16.11
16.11
16.09
16.08
16.22
16.22
16.1
16.21
16.1951
16.26
16.29
16.15
15.94
15.92
16.21
16.4
16.26
16.43
16.43
16.2
16.26
15.9
16.09
15.87
15.9
16.13
15.61
15.17

15.27
15.62
15.72
15.72
15.73
15.73
15.6
15.81
15.94
15.94
15.72
15.72
15.73
15.9
15.63
15.6
15.6
15.85
16.24
15.97
15.92
15.51
15.84
15.81
15.81
15.38
15.4
15.75
15.26
15.508
15.4
15.5
15.5
15.64
15.41
15.32
15.45
15.26
15.33
15.16
15.31
15.49
15.44
15.4
15.42
15.59
15.59
15.4
15.4
15.35
15.74
15.9199
15.78
15.65
15.65
15.73
15.12
15.4
15.62
15.8701
15.5
15.46

15.38
15.42
15.33
15.25
15.1
15.07
15.09
15.08
15.04
14.96
14.85
15
14.96
14.93
14.97
15.02
15.09
15.25
15.2999
15.28
15.24
15.16
15.18
15.25
15.269
15.38
15.34
15.37
15.38
15.38
15.35
15.37
15.4
15.29
15.33
15.37
15.5
15.38
15.36
15.55
15.4
15.37
15.45
15.43
15.35
15.49
15.36
15.7
15.62
15.4
15.35
15.4605
15.46
15.59
15.59
15.53
15.59
15.81
15.7
15.68
15.91
15.81

	15.98
	15.85
	15.91
	15.93
	16.0799
	16.15
	16.41
	16.29
	16.15
	16.04
	15.92
	15.7
	15.7
	15.65
	15.6501
	15.6
	15.7
	15.74
	16.02
	16.0001
	16.06
	16.0001
	15.95
	16.1
	16.16
	16.05
	16.05
	16.14
	16.2
	16.25
	16.25
	16.25
	16.33
	16.43
May 31, 2007	16.37

FUND SNAPSHOT

Common Share Price	\$16.37
Common Share Net Asset Value	\$14.76
Premium/(Discount) to NAV	10.91%
Market Yield	4.25%
Taxable-Equivalent Yield ¹	6.21%
Net Assets Applicable to Common Shares (\$000)	\$38,024
Average Effective Maturity on Securities (Years)	14.63
Leverage-Adjusted Duration	8.47

AVERAGE ANNUAL TOTAL RETURN
(Inception 1/26/01)

	ON SHARE PRICE	ON NAV
1-Year	5.46%	5.05%
5-Year	6.17%	6.49%
Since Inception	6.82%	6.20%

INDUSTRIES

(as a % of total investments)

U.S. Guaranteed	28.5%
Tax Obligation/Limited	14.5%
Education and Civic Organizations	14.0%
Water and Sewer	9.4%
Tax Obligation/General	8.7%
Health Care	5.7%
Transportation	4.5%
Other	14.7%

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 combined federal and state income tax rate of 31.6%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

15

NGK
Performance
OVERVIEW

Nuveen Connecticut Dividend Advantage Municipal Fund 2
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	73%
AA	18%
A	1%
BBB	8%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.0635
Jul	0.0635
Aug	0.0635
Sep	0.0605

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Oct	0.0605
Nov	0.0605
Dec	0.0605
Jan	0.0605
Feb	0.0605
Mar	0.058
Apr	0.058
May	0.058

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	16.68
	16.78
	16.4
	16.51
	16.35
	16.16
	16.49
	16.04
	16.04
	16
	15.99
	16.1
	16.2
	16.1
	16.27
	16.1
	15.9
	16
	15.76
	15.76
	15.55
	15.75
	15.99
	15.87
	15.87
	16
	16.01
	16.19
	15.95
	15.95
	15.95
	15.95
	15.95
	15.95
	15.95
	15.6
	15.75
	15.85
	16.11
	16.2178
	16.2
	16
	16.0266
	16.06
	15.95
	16.09
	16.09
	15.85
	15.85
	15.85

15.68
15.68
16.15
15.99
15.82
16.23
16.1
15.95
15.86
15.88
15.88
15.85
15.8282
15.82
15.95
15.93
15.77
15.54
15.7
15.77
15.78
15.95
15.89
15.96
15.82
15.81
15.81
15.85
15.85
15.85
15.81
15.81
16.03
15.85
15.85
15.85
15.96
16.2
16.2
16.37
16.2
16.0001
16.0001
16.0001
15.65
15.64
15.64
15.5201
15.5201
15.5201
15.7
15.86
15.86
15.75
15.9
15.77
15.85
16
15.78
16.09
15.67
15.71

15.71
15.85
15.7
15.71
15.65
15.6
15.75
15.55
15.46
15.5
15.58
15.58
15.58
15.53
15.53
15.52
15.61
15.47
15.41
15.53
15.58
15.46
15.53
15.57
15.61
15.55
15.4
15.41
15.4
15.4
15.5
15.4
15.26
15.26
15.32
15.34
15.32
15.32
15.48
15.49
15.65
15.6
15.6
15.3
15.96
15.9
15.6
15.8
15.8
15.55
15.8
15.8
15.45
15.65
15.66
15.57
15.35
15.5
15.6
15.78
15.78
15.9

15.6501
15.65
15.65
15.4
15.35
15.35
15.7
16
15.95
16.31
16.18
16.2
16.11
16.03
16.06
16.31
16.17
16.31
16.3
16.18
16.16
16.13
16.22
16.38
16.27
16.25
16.31
16.12
16.11
16.11
16.08
16.04
16.15
16
15.98
15.93
16.06
16.06
16.08
16.15
16.06
16.06
16.06
16.06
16.06
15.84
15.86
15.78
15.79
15.8
15.69
15.64
15.59
15.65
15.65
15.65
15.65
15.53
15.59
15.6
15.85
15.85
15.89

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	15.88
	15.72
	16.17
	16.15
	15.9
	15.89
	16.1
	16.2
	16.05
	16.05
	15.9
	15.91
	15.97
	16.5
	16.25
	16.5
	16.4
May 31, 2007	16.38

FUND SNAPSHOT

Common Share Price	\$16.38
Common Share Net Asset Value	\$14.85
Premium/(Discount) to NAV	10.30%
Market Yield	4.25%
Taxable-Equivalent Yield ¹	6.21%
Net Assets Applicable to Common Shares (\$000)	\$34,366
Average Effective Maturity on Securities (Years)	13.70
Leverage-Adjusted Duration	8.72

AVERAGE ANNUAL TOTAL RETURN
(Inception 3/25/02)

	ON SHARE PRICE	ON NAV
1-Year	3.58%	5.13%
5-Year	7.64%	6.55%
Since Inception	7.52%	6.62%

INDUSTRIES
(as a % of total investments)

U.S. Guaranteed	32.5%
Tax Obligation/General	14.7%
Education and Civic	

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Organizations	12.1%
Tax Obligation/Limited	8.4%
Water and Sewer	8.0%
Health Care	6.8%
Transportation	4.2%
Other	13.3%

- 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 combined federal and state income tax rate of 31.6%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.
- 2 The Fund paid shareholders a capital gains and net ordinary income distributions in December 2006 of \$0.0371 per share.

16

NGO
Performance
OVERVIEW

Nuveen Connecticut Dividend Advantage Municipal Fund 3
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	72%
AA	13%
A	1%
BBB	13%
N/R	1%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.054
Jul	0.054
Aug	0.054
Sep	0.054
Oct	0.054
Nov	0.054
Dec	0.054
Jan	0.054
Feb	0.054
Mar	0.052
Apr	0.052
May	0.052

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	14.37
	14.16

14.18
14.15
13.84
14.14
14.14
13.9
14
14.03
13.79
13.81
13.87
13.81
13.81
13.57
13.34
13.4
13.36
13.35
13.35
13.28
13.36
13.46
13.45
13.33
13.33
13.33
13.35
13.29
13.29
13.24
13.275
13.44
13.52
13.75
13.68
13.68
13.85
14.01
13.91
13.96
14.14
14.02
14.1
13.97
14.25
14.25
14.15
14.2
14.11
14.11
14.02
14.25
14.25
14.37
14.2
14.2
14.2
14.11
14.05
14.09
14.2212
14.3

14.37
14.4
14.34
13.97
14.1924
14.26
14.32
14.32
14.19
14.15
14.2
14.3
14.24
14.3
14.35
14.55
14.44
14.55
14.49
14.5
14.58
14.58
14.58
14.5
14.5
14.36
14.34
14.27
14.3
14.35
14.35
14.16
14.2
14.21
13.92
14.09
14.1
14.06
14
14.1
13.96
14.02
14.03
14
14.1
14
14
14.13
14
14.09
14.06
14.17
13.97
13.95
14
14.08
14
13.99
14.04
13.97
14.02
14.09

14.05
14.05
14.05
13.95
14.02
14.15
13.99
14.02
14.06
14.03
14.12
14.12
14.14
14.05
14.04
14.0099
13.81
13.9
13.93
13.86
13.95
14
14.07
14.07
14.09
13.99
13.9501
13.95
14.0699
14.07
14.1
14.02
14
13.98
13.9823
14.05
13.93
13.9501
14.12
14
13.82
13.93
14.05
14.08
14.01
14.24
14.1
14.09
14.1
13.99
14
14
14
13.91
13.95
14.15
14.12
14.12
14.06
13.95
14
14.13

14.17
14.25
14.09
14.22
14.2
14.2
14.3
14.26
14.42
14.4
14.46
14.46
14.46
14.31
14.27
14.36
14.46
14.35
14.35
14.28
14.28
14.26
14.32
14.32
14.2
14.26
14.34
14.3
14.41
14.35
14.41
14.28
14.1
14.22
14.172
14.0405
14.13
14.21
14.26
14.2624
14.28
14.19
14.23
14.28
14.34
14.3
14.5
14.4
14.3
14.33
14.58
14.6
14.6
14.6
14.65
14.6
14.6
14.61
14.51
14.6
14.74
14.62

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	14.8
	14.7
	14.75
May 31, 2007	14.7

FUND SNAPSHOT

Common Share Price	\$14.70
Common Share Net Asset Value	\$14.30
Premium/(Discount) to NAV	2.80%
Market Yield	4.24%
Taxable-Equivalent Yield ¹	6.20%
Net Assets Applicable to Common Shares (\$000)	\$62,325
Average Effective Maturity on Securities (Years)	14.79
Leverage-Adjusted Duration	8.46

AVERAGE ANNUAL TOTAL RETURN
(Inception 9/26/02)

	ON SHARE PRICE	ON NAV
1-Year	9.15%	5.42%
Since Inception	4.72%	5.06%

INDUSTRIES
(as a % of total investments)

U.S. Guaranteed	21.6%
Tax Obligation/General	18.1%
Tax Obligation/Limited	14.8%
Water and Sewer	11.5%
Education and Civic Organizations	9.6%
Long-Term Care	8.3%
Health Care	4.3%
Other	11.8%

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 combined federal and state income tax

rate of 31.6%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

17

NMT
Performance
OVERVIEW

Nuveen Massachusetts Premium Income Municipal Fund
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	67%
AA	18%
A	3%
BBB	9%
BB or Lower	1%
N/R	2%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.059
Jul	0.059
Aug	0.059
Sep	0.056
Oct	0.056
Nov	0.056
Dec	0.0535
Jan	0.0535
Feb	0.0535
Mar	0.0535
Apr	0.0535
May	0.0535

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	14.53
	14.5
	14.5
	14.58
	14.31
	14.5
	14.3
	14.13
	14.07
	14.17
	14.09
	13.95
	14.1
	14.22
	13.9
	13.9
	13.9096
	13.9
	14.05

14.17
14.16
14.16
14.03
14.18
14.11
14.17
14.09
14.09
14.2
14.1
14.05
14.11
14.11
14.38
14.05
14.4
14.17
14.17
14.18
14.4
14.27
14.36
14.41
14.36
14.22
14.35
14.47
14.32
14.38
14.7
14.45
14.29
14.74
14.65
14.65
14.46
14.52
14.47
14.65
14.88
14.9
14.84
14.7
14.64
14.88
14.67
14.7
14.58
14.69
14.77
14.82
14.7
14.89
14.72
14.83
14.87
14.77
14.62
14.98
14.65
14.692

14.87
14.87
14.67
14.7
14.7
14.78
14.74
14.78
14.69
14.79
14.79
14.62
14.74
14.73
14.7
14.71
14.71
14.61
14.68
14.68
14.55
14.5
14.5535
14.49
14.59
14.69
14.74
14.71
14.8
14.81
14.7
14.7
14.44
14.45
14.77
14.6
14.64
14.56
14.59
14.51
14.63
14.85
14.62
14.72
14.87
14.66
14.63
14.6
14.79
14.68
14.75
14.67
14.69
14.65
14.63
14.67
14.5
14.44
14.39
14.33
14.53
14.33

14.26
14.26
14.25
14.21
14.18
14.39
14.39
14.44
14.39
14.43
14.49
14.4
14.38
14.35
14.37
14.33
14.3
14.29
14.26
14.28
14.28
14.24
14.2
14.23
14.17
14.19
14.18
14.32
14.22
14.21
14.21
14.17
14.11
14.1
14.15
14.2
14.16
14.24
14.29
14.38
14.27
14.27
14.29
14.18
14.28
14.21
14.3
14.34
14.36
14.23
14.42
14.42
14.35
14.4
14.44
14.54
14.37
14.37
14.33
14.31
14.37
14.47

14.37
 14.36
 14.42
 14.42
 14.37
 14.37
 14.37
 14.51
 14.562
 14.6
 14.67
 14.63
 14.74
 14.56
 14.54
 14.47
 14.42
 14.42
 14.45
 14.479
 14.479
 14.56
 14.43
 14.39
 14.44
 14.51
 14.62
 14.58
 14.6
 14.63
 14.82
 14.54
 14.6
 14.6
 14.66
 14.62
 14.6
 14.54
 14.65
 14.87
 14.6505
 14.55
 14.5
 14.4
 14.37
 14.32
 14.28
 14.2894
 14.33

May 31, 2007

FUND SNAPSHOT

Common Share Price	\$14.33

Common Share Net Asset Value	\$14.56

Premium/(Discount) to NAV	-1.58%

Market Yield	4.48%

Taxable-Equivalent Yield1	6.57%

Net Assets Applicable to Common Shares (\$000)	\$69,323
Average Effective Maturity on Securities (Years)	15.62
Leverage-Adjusted Duration	8.42

AVERAGE ANNUAL TOTAL RETURN
(Inception 3/18/93)

	ON SHARE PRICE	ON NAV
1-Year	4.60%	5.47%
5-Year	3.61%	5.90%
10-Year	5.25%	6.22%

INDUSTRIES

(as a % of total investments)

U.S. Guaranteed	16.8%
Education and Civic Organizations	15.1%
Tax Obligation/General	13.7%
Health Care	12.0%
Tax Obligation/Limited	10.1%
Transportation	7.9%
Water and Sewer	7.4%
Housing/Multifamily	5.4%
Other	11.6%

- 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 combined federal and state income tax rate of 31.8%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.
- 2 The Fund paid shareholders capital gains and net ordinary income distributions in December 2006 of \$0.0076 per share.

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Nuveen Massachusetts Dividend Advantage Municipal Fund
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	60%
AA	23%
A	4%
BBB	10%
BB or Lower	3%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.065
Jul	0.065
Aug	0.065
Sep	0.062
Oct	0.062
Nov	0.062
Dec	0.062
Jan	0.062
Feb	0.062
Mar	0.0595
Apr	0.0595
May	0.0595

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	15.51
	15.56
	15.59
	15.6
	15.56
	15.48
	15.51
	15.48
	15.33
	15.29
	15.28
	15.15
	15.12
	15.12
	15.09
	15.2
	14.75
	14.75
	14.75
	14.85
	14.89
	15.1
	15.1
	15.16
	15.02
	15.06
	15
	15.1
	15.11
	15.15
	15.2
	15.1

15
15.19
15.24
15.15
15.13
15.13
15.1
15.19
15.15
15.14
15.24
15.3
15.35
15.24
15.27
15.3
15.3
15.4
15.29
15.34
15.4
15.45
15.45
15.4
15.35
15.32
15.32
15.4
15.58
15.58
15.47
15.49
15.43
15.52
15.55
15.5
15.5
15.46
15.35
15.3
15.3
15.28
15.34
15.35
15.39
15.32
15.4
15.26
15.4
15.35
15.4
15.4
15.4
15.4
15.4
15.45
15.6
15.51
15.51
15.51
15.56
15.56

15.53
15.45
15.55
15.55
15.55
15.52
15.52
15.32
15.35
15.35
15.44
15.44
15.35
15.4
15.41
15.42
15.44
15.44
15.44
15.57
15.54
15.54
15.59
15.6
15.55
15.55
15.64
15.64
15.55
15.6
15.55
15.5514
15.55
15.5
15.74
15.74
15.7
15.65
15.74
15.74
15.73
15.75
15.75
15.66
15.48
15.4
15.11
15.21
15.29
15.29
15.15
15.21
15.25
15.15
15.18
15.18
15.19
15.17
15.24
15.16
15.22
15.15

15.23
15.07
15.19
15.19
15.06
15.0755
15.19
15.19
15.07
15.04
14.95
15.04
15.01
15.05
15.05
15.08
15.03
14.87
14.99
14.97
14.97
14.94
14.99
14.99
15.05
15.05
15.14
15.14
15.14
15.17
15.2
15.16
15.28
15.25
15.33
15.38
15.43
15.48
15.53
15.53
15.5
15.5
15.55
15.55
15.49
15.51
15.51
15.473
15.47
15.38
15.37
15.46
15.47
15.48
15.52
15.52
15.52
15.52
15.57
15.7
15.75
15.8

	15.7
	15.61
	15.61
	15.61
	15.61
	15.55
	15.55
	15.7
	15.7
	15.7
	15.75
	15.65
	15.6
	15.85
	15.75
	15.7
	15.75
	15.75
	15.74
	15.94
	15.92
	15.92
	15.92
	15.89
	15.84
	15.84
	16.1
	16.05
	16.4
	16.1
	16.11
	16.11
	16.11
	16.0001
	16.0001
May 31, 2007	16.2799

FUND SNAPSHOT

Common Share Price	\$16.28
Common Share Net Asset Value	\$14.84
Premium/(Discount) to NAV	9.70%
Market Yield	4.39%
Taxable-Equivalent Yield ¹	6.44%
Net Assets Applicable to Common Shares (\$000)	\$29,072
Average Effective Maturity on Securities (Years)	18.27
Leverage-Adjusted Duration	8.60

AVERAGE ANNUAL TOTAL RETURN
(Inception 1/30/01)

	ON SHARE PRICE	ON NAV
1-Year	10.04%	5.14%
5-Year	6.41%	7.35%
Since Inception	7.27%	6.85%

INDUSTRIES
(as a % of total investments)

Education and Civic Organizations	18.4%
Health Care	14.3%
U.S. Guaranteed	11.7%
Tax Obligation/Limited	10.3%
Tax Obligation/General	10.0%
Water and Sewer	9.5%
Housing/Multifamily	8.2%
Long-Term Care	4.9%
Other	12.7%

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 combined federal and state income tax rate of 31.8%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

19

NGX
Performance
OVERVIEW

Nuveen Insured Massachusetts Tax-Free Advantage Municipal Fund
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

Insured	52%
U.S. Guaranteed	27%
GNMA/FNMA/FHA Guaranteed	3%
AAA (Uninsured)	5%
AA (Uninsured)	8%
A (Uninsured)	3%
BBB (Uninsured)	2%

Bar Chart:

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Monthly Tax-Free Dividends Per Share -- 2006-2007

Jun	0.051
Jul	0.051
Aug	0.051
Sep	0.051
Oct	0.051
Nov	0.0525
Dec	0.0525
Jan	0.0525
Feb	0.0525
Mar	0.0525
Apr	0.0525
May	0.0525

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	13.71
	13.7401
	13.61
	13.71
	13.7
	13.82
	13.78
	13.6501
	13.78
	13.78
	13.65
	13.49
	13.49
	13.49
	13.45
	13.35
	13.17
	13.08
	13.05
	13.13
	13.09
	13.1301
	13.27
	13.2899
	13.23
	13.28
	13.29
	13.29
	13.24
	13.32
	13.32
	13.32
	13.38
	13.28
	13.28
	13.28
	13.25
	13.4
	13.31
	13.37
	13.44
	13.45
	13.38
	13.25
	13.31

13.35
13.57
13.42
13.44
13.46
13.36
13.46
13.46
13.53
13.64
13.66
13.75
13.72
13.76
13.76
13.83
13.84
13.8
13.75
13.8
13.8
13.62
13.52
13.5
13.7
13.62
13.77
13.83
13.73
13.77
13.73
13.8
13.85
13.84
13.84
13.85
13.92
13.9612
14.1
14.13
14.13
13.95
14
14.15
14.11
14.02
13.99
13.94
13.91
13.83
13.73
13.74
13.74
13.74
13.58
13.57
13.54
13.68
13.65
13.65
13.71
13.81

13.81
13.81
13.93
13.85
13.8
13.8
13.73
13.76
13.88
13.88
13.9
13.9
13.96
13.9218
13.91
13.92
13.91
13.9
13.75
13.75
13.75
13.78
13.86
13.93
13.94
13.88
13.95
14
13.9
13.9
13.86
13.88
13.81
13.81
13.86
13.81
13.81
13.88
13.84
13.82
13.87
13.85
13.85
13.9
13.9
13.86
13.86
13.82
13.8
13.8
13.88
13.91
13.77
13.75
13.64
13.68
13.78
13.8
13.77
13.78
13.78
13.78

13.66
13.9
13.99
13.9896
13.76
13.81
13.9
14
13.94
13.95
13.99
14.35
14.35
14.24
14.21
14.2
14.1
14.07
14.2
14.2
14.2
14.216
14.24
14.25
14.22
14.2
14.2
14.15
14.17
14.16
14.16
14.16
14.16
14
13.96
13.96
13.97
14.06
14.1
14.2
14
14.04
14.04
14.09
14.23
14.19
14.48
14.39
14.16
14.15
14.15
14.15
14.1601
14.2299
14.4
14.2601
14.31
14.35
14.39
14.25
14.5
14.5

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	14.187
	14.19
	14.43
	14.5
	14.65
	14.6299
	14.63
	14.6
	14.64
	14.48
	14.6499
	14.6499
	14.53
	14.58
	14.58
	14.65
	14.6499
	14.62
	14.65
	14.62
	14.43
	14.49
May 31, 2007	14.4501

FUND SNAPSHOT

Common Share Price	\$14.45
Common Share Net Asset Value	\$14.50
Premium/(Discount) to NAV	-0.34%
Market Yield	4.36%
Taxable-Equivalent Yield ¹	6.39%
Net Assets Applicable to Common Shares (\$000)	\$39,458
Average Effective Maturity on Securities (Years)	17.32
Leverage-Adjusted Duration	8.40

AVERAGE ANNUAL TOTAL RETURN
(Inception 11/21/02)

	ON SHARE PRICE	ON NAV
1-Year	12.49%	5.12%
Since Inception	4.24%	5.57%

INDUSTRIES
(as a % of total investments)

U.S. Guaranteed	26.9%
-----------------	-------

Tax Obligation/General	17.7%
Tax Obligation/Limited	17.7%
Education and Civic Organizations	10.0%
Water and Sewer	8.9%
Health Care	6.9%
Housing/Multifamily	6.8%
Other	5.1%

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 combined federal and state income tax rate of 31.8%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

20

NOM
Performance
OVERVIEW

Nuveen Missouri Premium Income Municipal Fund
as of 5-31-07

Pie Chart:

Credit Quality (as a % of total investments)

AAA/U.S. Guaranteed	65%
AA	12%
A	2%
BBB	7%
N/R	14%

Bar Chart:

Monthly Tax-Free Dividends Per Share -- 2006-20072

Jun	0.063
Jul	0.063
Aug	0.063
Sep	0.06
Oct	0.06
Nov	0.06
Dec	0.06
Jan	0.06
Feb	0.06
Mar	0.0575
Apr	0.0575
May	0.0575

Line Chart:

SHARE PRICE PERFORMANCE

Weekly Closing Price

Jun 1, 2006	16.25
-------------	-------

16.15
16.3
16.15
16.15
16.2
16.24
16.24
16.05
15.88
15.9
15.83
15.65
15.45
15.01
15
15.24
15.23
15.2
15.44
15.44
15.44
15.25
15.44
15.7
15.7
15.6
15.6
15.35
15.35
15.35
14.93
14.7
14.66
14.66
14.7
14.9
14.85
14.56
14.66
14.61
14.95
14.65
14.83
14.89
15.04
15.04
15.13
15.07
15.08
15.02
14.99
15.05
15.1401
16.15
16.15
16.1
16.02
15.81
15.86
15.9767
16
15.81

15.89
16
16
16.1
16.1
16.17
16.17
16.15
16.15
15.95
16.2
16.24
16.24
16.2
16.2
16.25
16.29
16.21
16.25
16.05
16.05
16.04
16.04
15.99
16
15.95
16.22
16.25
16.2
16.2
16.15
16.15
16.14
16.14
16.14
16.14
16.38
16.4015
16.4015
16.4015
16.15
16.33
16.6
16.55
16.52
16.5
16.55
16.55
16.75
16.75
16.75
16.75
16.75
16.79
16.7
16.7
16.7
16.65
16.65
16.6
16.55
16.55

16.55
16.74
16.78
16.89
16.9
16.9
16.81
16.99
16.9
16.9
16.99
16.87
16.9
16.85
16.85
16.85
16.85
16.8
16.8
16.9
17
17
17
17
17
17.01
17.01
16.99
16.99
16.9
16.9
16.99
17.01
16.85
16.4
16.4
16.31
16.29
16.18
16.18
16.2
16.37
16.17
16.1636
16.01
16.08
16.22
16.23
16.23
16.23
16
16
16.01
16.01
16.01
16
16.03
16.05
16.05
16.15
16.3
16.47

16.72
16.6
16.6
16.53
16.53
16.39
16.75
17
17.06
16.82
16.65
16.63
16.63
16.62
16.48
16.53
16.53
16.2
16.27
16.27
16.21
16.11
16.11
16.11
16.11
16.11
16.2
16.4
16.22
16.5
16.62
16.59
16.65
16.65
16.71
16.43
16.62
16.7
16.71
16.47
16.47
16.47
16.43
16.43
16.43
16.43
16.43
16.64
16.855
16.93
16.894
16.87
17.15
17.12
17.07
17.03
17
16.95
16.87
16.87
16.87
16.84
16.8

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	16.3704
	16.58
	16.59
	16.59
May 31, 2007	16.56

FUND SNAPSHOT

Common Share Price	\$16.56
Common Share Net Asset Value	\$14.27
Premium/(Discount) to NAV	16.05%
Market Yield	4.17%
Taxable-Equivalent Yield ¹	6.16%
Net Assets Applicable to Common Shares (\$000)	\$32,826
Average Effective Maturity on Securities (Years)	15.51
Leverage-Adjusted Duration	9.68

AVERAGE ANNUAL TOTAL RETURN
(Inception 5/20/93)

	ON SHARE PRICE	ON NAV
1-Year	5.98%	4.17%
5-Year	6.79%	5.85%
10-Year	7.93%	6.26%

INDUSTRIES

(as a % of total investments)

Tax Obligation/Limited	19.8%
Tax Obligation/General	18.5%
U.S. Guaranteed	15.8%
Health Care	12.4%
Water and Sewer	9.9%
Housing/Single Family	5.8%
Long-Term Care	4.6%
Other	13.2%

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 combined federal and state income tax rate of 32.3%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

- 2 The Fund paid shareholders capital gains distribution in December 2006 of \$0.0048 per share.

21

Report of
INDEPENDENT REGISTERED
PUBLIC ACCOUNTING FIRM

THE BOARD OF TRUSTEES AND SHAREHOLDERS
NUVEEN CONNECTICUT PREMIUM INCOME MUNICIPAL FUND
NUVEEN CONNECTICUT DIVIDEND ADVANTAGE MUNICIPAL FUND
NUVEEN CONNECTICUT DIVIDEND ADVANTAGE MUNICIPAL FUND 2
NUVEEN CONNECTICUT DIVIDEND ADVANTAGE MUNICIPAL FUND 3
NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND
NUVEEN MASSACHUSETTS DIVIDEND ADVANTAGE MUNICIPAL FUND
NUVEEN INSURED MASSACHUSETTS TAX-FREE ADVANTAGE MUNICIPAL FUND
NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

We have audited the accompanying statements of assets and liabilities, including the portfolios of investments, of Nuveen Connecticut Premium Income Municipal Fund, Nuveen Connecticut Dividend Advantage Municipal Fund, Nuveen Connecticut Dividend Advantage Municipal Fund 2, Nuveen Connecticut Dividend Advantage Municipal Fund 3, Nuveen Massachusetts Premium Income Municipal Fund, Nuveen Massachusetts Dividend Advantage Municipal Fund, Nuveen Insured Massachusetts Tax-Free Advantage Municipal Fund and Nuveen Missouri Premium Income Municipal Fund (the Funds) as of May 31, 2007, and the related statements of operations 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 periods indicated therein. 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 May 31, 2007, 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

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

above present fairly, in all material respects, the financial positions of Nuveen Connecticut Premium Income Municipal Fund, Nuveen Connecticut Dividend Advantage Municipal Fund, Nuveen Connecticut Dividend Advantage Municipal Fund 2, Nuveen Connecticut Dividend Advantage Municipal Fund 3, Nuveen Massachusetts Premium Income Municipal Fund, Nuveen Massachusetts Dividend Advantage Municipal Fund, Nuveen Insured Massachusetts Tax-Free Advantage Municipal Fund and Nuveen Missouri Premium Income Municipal Fund at May 31, 2007, the results of their operations for the year then ended, changes in their net assets for each of the two years in the period then ended, and their financial highlights for each of the periods indicated therein in conformity with U.S. generally accepted accounting principles.

/s/ Ernst & Young LLP

Chicago, Illinois
July 19, 2007

22

NTC
Nuveen Connecticut Premium Income Municipal Fund
Portfolio of INVESTMENTS

as of 5-31-07

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

	CONSUMER STAPLES - 2.8% (1.9% OF TOTAL INVESTMENTS)	
\$ 600	Guam Economic Development Authority, Tobacco Settlement Asset-Backed Bonds, Series 2001B, 5.500%, 5/15/41	5/11 at 100
1,500	Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Refunding Bonds, Series 2002, 5.375%, 5/15/33	5/12 at 100

2,100	Total Consumer Staples	

	EDUCATION AND CIVIC ORGANIZATIONS - 29.2% (19.7% OF TOTAL INVESTMENTS)	
1,100	Connecticut Health and Education Facilities Authority, University of Hartford Revenue Bonds, Series 2006G, 5.250%, 7/01/36 - RAAI Insured	7/16 at 100
925	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Brunswick School, Series 2003B, 5.000%, 7/01/33 - MBIA Insured	7/13 at 100
200	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Canterbury School, Series 2006B, 5.000%, 7/01/36 - RAAI Insured	7/16 at 100
500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut State University System, Series 2003F, 5.000%, 11/01/13 - FSA Insured	No Opt. C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

2,115	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut State University System, Series 2005H, 5.000%, 11/01/17 - FSA Insured	11/15 at 100
725	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Fairfield University, Series 1998H, 5.000%, 7/01/23 - MBIA Insured	7/08 at 102
750	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Horace Bushnell Memorial Hall, Series 1999A, 5.625%, 7/01/29 - MBIA Insured	7/09 at 101
640	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 1996C, 5.500%, 7/01/16 - MBIA Insured	7/07 at 100
800	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2005F, 5.250%, 7/01/19 - AMBAC Insured	No Opt. C
1,375	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Trinity College, Series 2004H, 5.000%, 7/01/21 - MBIA Insured	7/14 at 100
2,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, University of Hartford, Series 2002E, 5.250%, 7/01/32 - RAAI Insured	7/12 at 101
1,500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale University, Series 2002W, 5.125%, 7/01/27	7/09 at 100
1,500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale University, Series 2003X-1, 5.000%, 7/01/42	7/13 at 100
315	Connecticut Higher Education Supplemental Loan Authority, Revenue Bonds, Family Education Loan Program, Series 1999A, 6.000%, 11/15/18 - AMBAC Insured (Alternative Minimum Tax)	11/09 at 102
740	Connecticut Higher Education Supplemental Loan Authority, Revenue Bonds, Family Education Loan Program, Series 2001A, 5.250%, 11/15/18 - MBIA Insured (Alternative Minimum Tax)	11/11 at 100
305	Connecticut State Health and Educational Facilities Authority, Revenue Bonds, Chase Collegiate School, Series 2007A, 5.000%, 7/01/27 (WI/DD, Settling 6/07/07) - RAAI Insured	7/17 at 100

NTC
 Nuveen Connecticut Premium Income Municipal Fund (continued)
 Portfolio of INVESTMENTS as of 5-31-07

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

	EDUCATION AND CIVIC ORGANIZATIONS (continued)	
\$ 1,000	University of Connecticut, General Obligation Bonds, Series 2004A: 5.000%, 1/15/18 - MBIA Insured	1/14 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

2,000	5.000%, 1/15/19 - MBIA Insured	1/14 at 100
1,220	University of Connecticut, General Obligation Bonds, Series 2005A, 5.000%, 2/15/17 - FSA Insured	2/15 at 100
685	University of Connecticut, General Obligation Bonds, Series 2006A, 5.000%, 2/15/23 - FGIC Insured	2/16 at 100
1,000	University of Connecticut, Student Fee Revenue Refunding Bonds, Series 2002A, 5.250%, 11/15/19 - FGIC Insured	11/12 at 101

21,395	Total Education and Civic Organizations	

HEALTH CARE - 12.8% (8.7% OF TOTAL INVESTMENTS)

500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Bristol Hospital, Series 2002B, 5.500%, 7/01/21 - RAAI Insured	7/12 at 101
645	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Eastern Connecticut Health Network, Series 2000A, 6.000%, 7/01/25 - RAAI Insured	7/10 at 101
	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Griffin Hospital, Series 2005B:	
800	5.000%, 7/01/20 - RAAI Insured	7/15 at 100
500	5.000%, 7/01/23 - RAAI Insured	7/15 at 100
1,100	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Middlesex Hospital, Series 2006, 5.000%, 7/01/32 - FSA Insured	7/16 at 100
2,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Stamford Hospital, Series 1999G, 5.000%, 7/01/24 - MBIA Insured	7/09 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale-New Haven Hospital, Series 2006J-1, 5.000%, 7/01/31 - AMBAC Insured	7/16 at 100
3,000	Connecticut Health and Educational Facilities Authority, Revenue Refunding Bonds, Middlesex Health Services, Series 1997H, 5.125%, 7/01/27 - MBIA Insured	7/07 at 101

9,545	Total Health Care	

HOUSING/MULTIFAMILY - 2.7% (1.8% OF TOTAL INVESTMENTS)

1,000	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 1999D-2, 6.200%, 11/15/41 (Alternative Minimum Tax)	12/09 at 100
1,000	Connecticut Housing Finance Authority, Multifamily Housing Mortgage Finance Program Bonds, Series 2006G-2, 4.800%, 11/15/27 (Alternative Minimum Tax)	11/15 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

2,000	Total Housing/Multifamily	
-------	---------------------------	--

HOUSING/SINGLE FAMILY - 4.6% (3.1% OF TOTAL INVESTMENTS)		
1,000	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2001C, 5.300%, 11/15/33 (Alternative Minimum Tax)	11/10 at 100
205	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006-A1: 4.700%, 11/15/26 (Alternative Minimum Tax)	11/15 at 100
220	4.800%, 11/15/31 (Alternative Minimum Tax)	11/15 at 100
2,100	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006D, 4.650%, 11/15/27	5/16 at 100

3,525	Total Housing/Single Family	
-------	-----------------------------	--

INDUSTRIALS - 2.4% (1.6% OF TOTAL INVESTMENTS)		
1,750	Connecticut Resource Recovery Authority, Revenue Bonds, American Ref-Fuel Company of Southeastern Connecticut LP, Series 1998A-I, 5.500%, 11/15/15 (Alternative Minimum Tax)	12/11 at 102

24

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

LONG-TERM CARE - 7.2% (4.9% OF TOTAL INVESTMENTS)		
\$ 750	Connecticut Development Authority, First Mortgage Gross Revenue Refunding Healthcare Bonds, Church Homes Inc. - Congregational Avery Heights, Series 1997, 5.700%, 4/01/12	10/07 at 102
615	Connecticut Development Authority, First Mortgage Gross Revenue Refunding Healthcare Bonds, Connecticut Baptist Homes Inc., Series 1999, 5.500%, 9/01/15 - RAAI Insured	9/09 at 102
700	Connecticut Development Authority, Health Facilities Revenue Refunding Bonds, Alzheimer's Resource Center of Connecticut Inc., Series 1994A, 7.000%, 8/15/09	8/07 at 100
1,000	Connecticut Development Authority, Revenue Refunding Bonds, Duncaster Inc., Series 1999A: 5.250%, 8/01/19 - RAAI Insured	2/10 at 102
1,000	5.375%, 8/01/24 - RAAI Insured	2/10 at 102
1,300	Connecticut Health and Educational Facilities Authority, FHA-Insured Mortgage Revenue Bonds, Hebrew Home and Hospital, Series 1999B, 5.200%, 8/01/38	8/08 at 102

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

5,365	Total Long-Term Care	
-------	----------------------	--

TAX OBLIGATION/GENERAL - 25.8% (17.5% OF TOTAL INVESTMENTS)		
500	Bridgeport, Connecticut, General Obligation Bonds, Series 2004C, 5.250%, 8/15/14 - MBIA Insured	No Opt. C
750	Bridgeport, Connecticut, General Obligation Refunding Bonds, Series 2002A, 5.375%, 8/15/19 - FGIC Insured	8/12 at 100
1,520	Capitol Region Education Council, Connecticut, Revenue Bonds, Series 1995, 6.700%, 10/15/10	10/07 at 100
1,110	Connecticut, General Obligation Bonds, Series 2004C, 5.000%, 4/01/23 - FGIC Insured	4/14 at 100
2,000	Connecticut, General Obligation Bonds, Series 2006A, 4.750%, 12/15/24	12/16 at 100
1,300	Connecticut, General Obligation Bonds, Series 2006C, 5.000%, 6/01/23 - FSA Insured	6/16 at 100
	Hartford, Connecticut, General Obligation Bonds, Series 2005A:	
775	5.000%, 8/01/20 - FSA Insured	8/15 at 100
525	4.375%, 8/01/24 - FSA Insured	8/15 at 100
500	North Haven, Connecticut, General Obligation Bonds, Series 2006, 5.000%, 7/15/24	No Opt. C
1,860	Puerto Rico, General Obligation and Public Improvement Bonds, Series 2001A, 5.500%, 7/01/20 - MBIA Insured	No Opt. C
	Regional School District 16, Beacon Falls and Prospect, Connecticut, General Obligation Bonds, Series 2000:	
350	5.500%, 3/15/18 - FSA Insured	3/10 at 101
350	5.625%, 3/15/19 - FSA Insured	3/10 at 101
350	5.700%, 3/15/20 - FSA Insured	3/10 at 101
1,420	Regional School District 16, Connecticut, General Obligation Bonds, Series 2003, 5.000%, 3/15/16 - AMBAC Insured	3/13 at 101
2,105	Stratford, Connecticut, General Obligation Bonds, Series 2002, 4.000%, 2/15/15 - FSA Insured	2/12 at 100
	Suffield, Connecticut, General Obligation Bonds, Series 2005:	
465	5.000%, 6/15/17	No Opt. C
460	5.000%, 6/15/19	No Opt. C
1,000	5.000%, 6/15/21	No Opt. C
1,500	West Hartford, Connecticut, General Obligation Bonds, Series 2005B, 5.000%, 10/01/18	10/15 at 100

18,840	Total Tax Obligation/General	
--------	------------------------------	--

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

NTC

Nuveen Connecticut Premium Income Municipal Fund (continued)

Portfolio of INVESTMENTS as of 5-31-07

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

TAX OBLIGATION/LIMITED - 17.7% (12.0% OF TOTAL INVESTMENTS)		
\$ 1,000	Connecticut Health and Educational Facilities Authority, Child Care Facilities Program Revenue Bonds, Series 2006F, 5.000%, 7/01/36 - AGC Insured	7/16 at 100
1,945	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Child Care Facilities Program, Series 1999C, 5.625%, 7/01/29 - AMBAC Insured	7/09 at 102
Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2002B:		
2,000	5.000%, 12/01/20 - AMBAC Insured	12/12 at 100
1,000	5.000%, 12/01/21 - AMBAC Insured	12/12 at 100
500	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2003B, 5.000%, 1/01/23 - FGIC Insured	1/14 at 100
Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 2005A:		
960	0.000%, 7/01/32 - FGIC Insured	No Opt. C
2,615	0.000%, 7/01/33 - FGIC Insured	No Opt. C
2,000	Puerto Rico Municipal Finance Agency, Series 2002A, 5.250%, 8/01/21 - FSA Insured	8/12 at 100
2,400	Puerto Rico Municipal Finance Agency, Series 2005C, 5.000%, 8/01/16 - FSA Insured	8/15 at 100
1,000	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Series 2003, 5.250%, 10/01/19 - FSA Insured	10/14 at 100

15,420	Total Tax Obligation/Limited	

TRANSPORTATION - 0.9% (0.6% OF TOTAL INVESTMENTS)		
750	Connecticut, General Airport Revenue Bonds, Bradley International Airport, Series 2001A, 5.125%, 10/01/26 - FGIC Insured (Alternative Minimum Tax)	4/11 at 101

U.S. GUARANTEED - 19.6% (13.3% OF TOTAL INVESTMENTS) (4)		
Connecticut Health and Educational Facilities Authority, Revenue Bonds, Eastern Connecticut Health Network, Series 2000A:		
1,305	6.000%, 7/01/25 (Pre-refunded 7/01/10) - RAAI Insured	7/10 at 101
50	6.000%, 7/01/25 (Pre-refunded 7/01/10) - RAAI Insured	7/10 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut College, Series 1997C-1, 5.500%, 7/01/20	7/07 at 102

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

(Pre-refunded 7/01/07) - MBIA Insured

450	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Greenwich Academy, Series 2001B, 5.000%, 3/01/32 (Pre-refunded 3/01/11) - FSA Insured	3/11 at 101
650	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2001D, 5.500%, 7/01/23 (Pre-refunded 7/01/11)	7/11 at 101
500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Trinity College, Series 2001G, 5.000%, 7/01/31 (Pre-refunded 7/01/11) - AMBAC Insured	7/11 at 101
1,000	Connecticut, Clean Water Fund Revenue Bonds, Series 2001, 5.500%, 10/01/20 (Pre-refunded 10/01/11)	10/11 at 100
40	Connecticut, General Obligation Bonds, Series 1993E, 6.000%, 3/15/12 (ETM)	No Opt. C
1,500	Connecticut, General Obligation Bonds, Series 2002B, 5.500%, 6/15/21 (Pre-refunded 6/15/12)	6/12 at 100
1,000	Hartford, Connecticut, Parking System Revenue Bonds, Series 2000A, 6.400%, 7/01/20 (Pre-refunded 7/01/10)	7/10 at 100
400	Northern Mariana Islands, General Obligation Bonds, Series 2000A, 6.000%, 6/01/20 (Pre-refunded 6/01/10) - ACA Insured	6/10 at 100

26

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

	U.S. GUARANTEED (4) (continued)	
\$ 1,000	Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/40	10/10 at 101
655	Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Bonds, Series 2000, 5.750%, 7/01/20 (Pre-refunded 7/01/10)	7/10 at 100
1,100	University of Connecticut, General Obligation Bonds, Series 2003A, 5.125%, 2/15/21 (Pre-refunded 2/15/13) - MBIA Insured	2/13 at 100
1,000	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Series 1999A, 6.500%, 10/01/24 (Pre-refunded 10/01/10)	10/10 at 101
1,000	Waterbury, Connecticut, General Obligation Bonds, Series 2002A, 5.375%, 4/01/17 (Pre-refunded 4/01/12) - FSA Insured	4/12 at 100
1,630	Westport, Connecticut, General Obligation Bonds, Series 2003, 4.750%, 2/01/19 (Pre-refunded 2/01/12)	2/12 at 100

14,280	Total U.S. Guaranteed	

UTILITIES - 5.7% (3.9% OF TOTAL INVESTMENTS)

1,575	Bristol Resource Recovery Facility Operating Committee, Connecticut, Solid Waste Revenue Bonds, Covanta Bristol Inc., Series 2005, 5.000%, 7/01/12 - AMBAC Insured	No Opt. C
1,000	Connecticut Development Authority, Pollution Control Revenue Refunding Bonds, Connecticut Light and Power Company, Series 1993A, 5.850%, 9/01/28	10/08 at 102
	Eastern Connecticut Resource Recovery Authority, Solid Waste Revenue Bonds, Wheelabrator Lisbon Project, Series 1993A:	
395	5.500%, 1/01/14 (Alternative Minimum Tax)	7/07 at 100
1,290	5.500%, 1/01/20 (Alternative Minimum Tax)	7/07 at 100
<hr/>		
4,260	Total Utilities	

WATER AND SEWER - 16.3% (11.0% OF TOTAL INVESTMENTS)

2,550	Connecticut Development Authority, Water Facilities Revenue Bonds, Bridgeport Hydraulic Company, Series 1996, 6.000%, 9/01/36 - AMBAC Insured (Alternative Minimum Tax)	9/07 at 101
1,185	Connecticut, State Revolving Fund General Revenue Bonds, Series 2003A, 5.000%, 10/01/16	10/13 at 100

NTC

Nuveen Connecticut Premium Income Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
<hr/>		
WATER AND SEWER (continued)		
	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A:	
\$ 900	5.000%, 11/15/16 - MBIA Insured	11/15 at 100
1,520	5.000%, 11/15/30 - MBIA Insured	11/15 at 100
2,260	5.000%, 8/15/35 - MBIA Insured	11/15 at 100
	South Central Connecticut Regional Water Authority, Water System Revenue Bonds, Eighteenth Series 2003A:	
1,000	5.000%, 8/01/20 - MBIA Insured	8/13 at 100
1,525	5.000%, 8/01/33 - MBIA Insured	8/13 at 100
1,100	Stamford, Connecticut, Water Pollution Control System and Facility Revenue Bonds, Series 2003A, 5.000%, 11/15/32	11/13 at 100
<hr/>		
12,040	Total Water and Sewer	

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

\$	111,270	Total Investments (cost \$111,190,476) - 147.7%
=====		
		Other Assets Less Liabilities - 1.9%

		Preferred Shares, at Liquidation Value - (49.6)%

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

FORWARD SWAPS OUTSTANDING AT MAY 31, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFE DA
JPMorgan	\$1,250,000	Pay	3-Month USD LIBOR	5.388%	Semi-Annually	4/
Morgan Stanley	5,500,000	Pay	3-Month USD LIBOR	5.559	Semi-Annually	4/

=====

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

The Fund may invest in "zero coupon" securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. Such securities are included in the portfolio with a 0.00% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

- (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 (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

equivalent to AAA rated securities.

(5) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

(ETM) Escrowed to maturity.

See accompanying notes to financial statements.

28

NFC

Nuveen Connecticut Dividend Advantage Municipal Fund
Portfolio of INVESTMENTS

as of 5-31-07

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

	CONSUMER STAPLES - 5.0% (3.3% OF TOTAL INVESTMENTS)	
	Guam Economic Development Authority, Tobacco Settlement	
	Asset-Backed Bonds, Series 2001A:	
\$ 65	5.000%, 5/15/22	5/11 at 100
500	5.400%, 5/15/31	5/11 at 100
1,270	Guam Economic Development Authority, Tobacco Settlement	5/11 at 100
	Asset-Backed Bonds, Series 2001B, 5.500%, 5/15/41	

1,835	Total Consumer Staples	

	EDUCATION AND CIVIC ORGANIZATIONS - 20.9% (14.0% OF TOTAL INVESTMENTS)	
500	Connecticut Health and Education Facilities Authority, University of Hartford Revenue Bonds, Series 2006G, 5.250%, 7/01/36 - RAAI Insured	7/16 at 100
100	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Canterbury School, Series 2006B, 5.000%, 7/01/36 - RAAI Insured	7/16 at 100
500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut State University System, Series 2003F, 5.000%, 11/01/13 - FSA Insured	No Opt. C
440	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2005F, 5.250%, 7/01/18 - AMBAC Insured	No Opt. C
50	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Sacred Heart University, Series 1998E, 5.000%, 7/01/28 -	7/08 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	RAAI Insured	
350	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Trinity College, Series 2004H, 5.000%, 7/01/17 - MBIA Insured	7/14 at 100
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, University of Hartford, Series 2002E, 5.250%, 7/01/32 - RAAI Insured	7/12 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale University, Series 2002W, 5.125%, 7/01/27	7/09 at 100
570	Connecticut Higher Education Supplemental Loan Authority, Revenue Bonds, Family Education Loan Program, Series 2001A, 5.250%, 11/15/18 - MBIA Insured (Alternative Minimum Tax)	11/11 at 100
150	Connecticut State Health and Educational Facilities Authority, Revenue Bonds, Chase Collegiate School, Series 2007A, 5.000%, 7/01/27 (WI/DD, Settling 6/07/07) - RAAI Insured	7/17 at 100
	Puerto Rico Industrial, Tourist, Educational, Medical and Environmental Control Facilities Financing Authority, Higher Education Revenue Bonds, Ana G. Mendez University System, Series 1999:	
125	5.375%, 2/01/19	2/09 at 101
270	5.375%, 2/01/29	2/09 at 101
	University of Connecticut, General Obligation Bonds, Series 2001A:	
1,000	4.750%, 4/01/20	4/11 at 101
1,000	4.750%, 4/01/21	4/11 at 101
585	University of Connecticut, General Obligation Bonds, Series 2006A, 5.000%, 2/15/23 - FGIC Insured	2/16 at 100

7,640	Total Education and Civic Organizations	

HEALTH CARE - 8.5% (5.7% OF TOTAL INVESTMENTS)

1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Bristol Hospital, Series 2002B, 5.500%, 7/01/32 - RAAI Insured	7/12 at 101
-------	--	-------------

NFC

Nuveen Connecticut Dividend Advantage Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

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

HEALTH CARE (continued)

Connecticut Health and Educational Facilities Authority, Revenue Bonds, Griffin Hospital, Series 2005B:

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

\$	500	5.000%, 7/01/20 - RAAI Insured	7/15 at 100
	250	5.000%, 7/01/23 - RAAI Insured	7/15 at 100
		Connecticut Health and Educational Facilities Authority, Revenue Bonds, Hospital for Special Care, Series 1997B:	
	135	5.375%, 7/01/17	7/07 at 102
	75	5.500%, 7/01/27	7/07 at 102
	125	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Stamford Hospital, Series 1999G, 5.000%, 7/01/24 - MBIA Insured	7/09 at 101
	1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale-New Haven Hospital, Series 2006J-1, 5.000%, 7/01/31 - AMBAC Insured	7/16 at 100

	3,085	Total Health Care	

		HOUSING/MULTIFAMILY - 3.3% (2.2% OF TOTAL INVESTMENTS)	
	500	Connecticut Housing Finance Authority, Multifamily Housing Mortgage Finance Program Bonds, Series 2006G-2, 4.800%, 11/15/27 (Alternative Minimum Tax)	11/15 at 100
	750	Stamford Housing Authority, Connecticut, Multifamily Housing Revenue Bonds, Fairfield Apartments, Series 1998, 4.750%, 12/01/28 (Mandatory put 12/01/08) (Alternative Minimum Tax)	No Opt. C

	1,250	Total Housing/Multifamily	

		HOUSING/SINGLE FAMILY - 4.5% (3.0% OF TOTAL INVESTMENTS)	
	1,000	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2001C, 5.300%, 11/15/33 (Alternative Minimum Tax)	11/10 at 100
	700	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006D, 4.650%, 11/15/27	5/16 at 100

	1,700	Total Housing/Single Family	

		INDUSTRIALS - 2.7% (1.8% OF TOTAL INVESTMENTS)	
	1,000	Connecticut Resource Recovery Authority, Revenue Bonds, American Ref-Fuel Company of Southeastern Connecticut LP, Series 1998A-I, 5.500%, 11/15/15 (Alternative Minimum Tax)	12/11 at 102

		LONG-TERM CARE - 2.6% (1.7% OF TOTAL INVESTMENTS)	
	300	Connecticut Development Authority, First Mortgage Gross Revenue	12/11 at 102

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Healthcare Bonds, Elim Park Baptist Home Inc., Series 2003,
5.750%, 12/01/23

110	Connecticut Development Authority, First Mortgage Gross Revenue Refunding Healthcare Bonds, Church Homes Inc. - Congregational Avery Heights, Series 1997, 5.800%, 4/01/21	10/07 at 102
500	Connecticut Development Authority, Health Facilities Revenue Refunding Bonds, Alzheimer's Resource Center of Connecticut Inc., Series 1994A, 7.250%, 8/15/21	8/07 at 100

910 Total Long-Term Care

TAX OBLIGATION/GENERAL - 13.0% (8.7% OF TOTAL INVESTMENTS)

500	Bridgeport, Connecticut, General Obligation Bonds, Series 2004C, 5.250%, 8/15/14 - MBIA Insured	No Opt. C
560	Connecticut, General Obligation Bonds, Series 2004C, 5.000%, 4/01/23 - FGIC Insured	4/14 at 100
700	Connecticut, General Obligation Bonds, Series 2006A, 4.750%, 12/15/24	12/16 at 100
400	Connecticut, General Obligation Bonds, Series 2006C, 5.000%, 6/01/23 - FSA Insured	6/16 at 100
360	Hartford, Connecticut, General Obligation Bonds, Series 2005A: 5.000%, 8/01/21 - FSA Insured	8/15 at 100
240	4.375%, 8/01/24 - FSA Insured	8/15 at 100
400	North Haven, Connecticut, General Obligation Bonds, Series 2006, 5.000%, 7/15/24	No Opt. C

30

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

TAX OBLIGATION/GENERAL (continued)

\$ 335	Suffield, Connecticut, General Obligation Bonds, Series 2005: 5.000%, 6/15/17	No Opt. C
335	5.000%, 6/15/19	No Opt. C
810	West Hartford, Connecticut, General Obligation Bonds, Series 2005B, 5.000%, 10/01/18	10/15 at 100

4,640 Total Tax Obligation/General

TAX OBLIGATION/LIMITED - 21.8% (14.5% OF TOTAL INVESTMENTS)

500	Connecticut Health and Educational Facilities Authority, Child Care	7/16 at 100
-----	---	-------------

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	Facilities Program Revenue Bonds, Series 2006F, 5.000%, 7/01/36 - AGC Insured	
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, New Opportunities for Waterbury Inc., Series 1998A, 6.750%, 7/01/28	7/08 at 105
	Connecticut, Certificates of Participation, Juvenile Training School, Series 2001:	
600	5.000%, 12/15/20	12/11 at 101
1,000	5.000%, 12/15/30	12/11 at 101
1,475	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 1998B, 5.500%, 11/01/12 - FSA Insured	No Opt. C
600	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.250%, 7/01/31 - AMBAC Insured	No Opt. C
470	Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 2005A, 0.000%, 7/01/32 - FGIC Insured	No Opt. C
1,200	Puerto Rico Municipal Finance Agency, Series 2005C, 5.000%, 8/01/16 - FSA Insured	8/15 at 100
750	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Series 1999A, 6.375%, 10/01/19	10/10 at 101
500	Virgin Islands Public Finance Authority, Senior Lien Revenue Refunding Bonds, Matching Fund Loan Note, Series 1998A, 5.500%, 10/01/18 - RAAI Insured	10/08 at 101

8,095	Total Tax Obligation/Limited	

	TRANSPORTATION - 6.8% (4.5% OF TOTAL INVESTMENTS)	
2,500	Connecticut, General Airport Revenue Bonds, Bradley International Airport, Series 2001A, 5.125%, 10/01/26 - FGIC Insured (Alternative Minimum Tax)	4/11 at 101

	U.S. GUARANTEED - 42.7% (28.5% OF TOTAL INVESTMENTS) (4)	
625	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Greenwich Academy, Series 2001B, 5.000%, 3/01/32 (Pre-refunded 3/01/11) - FSA Insured	3/11 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2001D, 5.500%, 7/01/23 (Pre-refunded 7/01/11)	7/11 at 101
1,500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Trinity College, Series 2001G, 5.000%, 7/01/31 (Pre-refunded 7/01/11) - AMBAC Insured	7/11 at 101
2,000	Connecticut, Clean Water Fund Revenue Bonds, Series 2001, 5.500%, 10/01/20 (Pre-refunded 10/01/11)	10/11 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

500	Connecticut, General Obligation Bonds, Series 2002B, 5.500%, 6/15/21 (Pre-refunded 6/15/12)	6/12 at 100
500	East Lyme, Connecticut, General Obligation Bonds, Series 2001, 5.125%, 7/15/20 (Pre-refunded 7/15/11) - FGIC Insured	7/11 at 102
	Hamden, Connecticut, General Obligation Bonds, Series 2001:	
640	5.250%, 8/15/18 (Pre-refunded 8/15/11) - MBIA Insured	8/11 at 102
635	5.000%, 8/15/19 (Pre-refunded 8/15/11) - MBIA Insured	8/11 at 102
300	5.000%, 8/15/20 (Pre-refunded 8/15/11) - MBIA Insured	8/11 at 102

31

NFC

Nuveen Connecticut Dividend Advantage Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

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

	U.S. GUARANTEED (4) (continued)	
	New Haven, Connecticut, General Obligation Bonds, Series 2001A:	
\$ 220	5.000%, 11/01/20 (Pre-refunded 11/01/11) - FGIC Insured	11/11 at 100
780	5.000%, 11/01/20 (Pre-refunded 11/01/10) - FGIC Insured	11/10 at 101
250	Northern Mariana Islands, General Obligation Bonds, Series 2000A, 6.000%, 6/01/20 (Pre-refunded 6/01/10) - ACA Insured	6/10 at 100
1,975	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2000HH, 5.250%, 7/01/29 (Pre-refunded 7/01/10) - FSA Insured	7/10 at 101
1,425	Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/32	10/10 at 101
1,300	Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/40	10/10 at 101
320	Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Bonds, Series 2000, 5.750%, 7/01/20 (Pre-refunded 7/01/10)	7/10 at 100
1,000	Waterbury, Connecticut, General Obligation Bonds, Series 2002A, 5.375%, 4/01/17 (Pre-refunded 4/01/12) - FSA Insured	4/12 at 100
370	Windsor, Connecticut, General Obligation Bonds, Series 2001, 5.000%, 7/15/20 (Pre-refunded 7/15/09)	7/09 at 100

15,340	Total U.S. Guaranteed	

UTILITIES - 4.0% (2.7% OF TOTAL INVESTMENTS)

500	Connecticut Development Authority, Pollution Control Revenue Refunding Bonds, Connecticut Light and Power Company, Series 1993A, 5.850%, 9/01/28	10/08 at 102
-----	--	--------------

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,000	Eastern Connecticut Resource Recovery Authority, Solid Waste Revenue Bonds, Wheelabrator Lisbon Project, Series 1993A, 5.500%, 1/01/14 (Alternative Minimum Tax)	7/07 at 100

1,500	Total Utilities	

32

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

	WATER AND SEWER - 14.0% (9.4% OF TOTAL INVESTMENTS)	
\$ 1,185	Connecticut, State Revolving Fund General Revenue Bonds, Series 2003A, 5.000%, 10/01/16	10/13 at 100
	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A:	
450	5.000%, 11/15/17 - MBIA Insured	11/15 at 100
720	5.000%, 11/15/30 - MBIA Insured	11/15 at 100
1,110	5.000%, 8/15/35 - MBIA Insured	11/15 at 100
140	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2005, 6.000%, 7/01/25	7/15 at 100
	South Central Connecticut Regional Water Authority, Water System Revenue Bonds, Eighteenth Series 2003A:	
750	5.000%, 8/01/20 - MBIA Insured	8/13 at 100
720	5.000%, 8/01/33 - MBIA Insured	8/13 at 100

5,075	Total Water and Sewer	

\$ 54,570	Total Investments (cost \$55,218,349) - 149.8%	
=====		
	Other Assets Less Liabilities - 1.5%	

	Preferred Shares, at Liquidation Value - (51.3)%	

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

FORWARD SWAPS OUTSTANDING AT MAY 31, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFE DA

JPMorgan	\$1,000,000	Pay	3-Month USD LIBOR	5.388%	Semi-Annually	4/
Morgan Stanley	4,000,000	Pay	3-Month USD LIBOR	5.559	Semi-Annually	4/

=====						

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

The Fund may invest in "zero coupon" securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. Such securities are included in the portfolio with a 0.00% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

- (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 (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
 - (5) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.

See accompanying notes to financial statements.

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

AMOUNT (000)	DESCRIPTION (1)	PROVISIONS
	CONSUMER STAPLES - 3.1% (2.1% OF TOTAL INVESTMENTS)	
\$ 250	Guam Economic Development Authority, Tobacco Settlement Asset-Backed Bonds, Series 2001B, 5.500%, 5/15/41	5/11 at 100
755	Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Refunding Bonds, Series 2002, 5.375%, 5/15/33	5/12 at 100
1,005	Total Consumer Staples	

	EDUCATION AND CIVIC ORGANIZATIONS - 18.0% (12.1% OF TOTAL INVESTMENTS)	
500	Connecticut Health and Education Facilities Authority, University of Hartford Revenue Bonds, Series 2006G, 5.250%, 7/01/36 - RAAI Insured	7/16 at 100
100	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Canterbury School, Series 2006B, 5.000%, 7/01/36 - RAAI Insured	7/16 at 100
95	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Fairfield University, Series 1998H, 5.000%, 7/01/23 - MBIA Insured	7/08 at 102
500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Hopkins School, Series 1998A, 5.000%, 7/01/20 - AMBAC Insured	7/08 at 101
215	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Kent School, Series 2004D, 5.000%, 7/01/15 - MBIA Insured	1/15 at 100
310	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2005F, 5.250%, 7/01/19 - AMBAC Insured	No Opt. C
590	Connecticut Health and Educational Facilities Authority, Revenue Bonds, University of Hartford, Series 2002E: 5.500%, 7/01/22 - RAAI Insured	7/12 at 101
1,000	5.250%, 7/01/32 - RAAI Insured	7/12 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale University, Series 2002W, 5.125%, 7/01/27	7/09 at 100
135	Connecticut State Health and Educational Facilities Authority, Revenue Bonds, Chase Collegiate School, Series 2007A, 5.000%, 7/01/27 (WI/DD, Settling 6/07/07) - RAAI Insured	7/17 at 100
450	University of Connecticut, General Obligation Bonds, Series 2006A: 5.000%, 2/15/19 - FGIC Insured	2/16 at 100
490	5.000%, 2/15/23 - FGIC Insured	2/16 at 100
500	University of Connecticut, Student Fee Revenue Refunding Bonds, Series 2002A, 5.250%, 11/15/22 - FGIC Insured	11/12 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

5,885 Total Education and Civic Organizations

HEALTH CARE - 10.2% (6.8% OF TOTAL INVESTMENTS)

	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Eastern Connecticut Health Network, Series 2000A:		
20	6.125%, 7/01/20 - RAAI Insured		7/10 at 101
65	6.000%, 7/01/25 - RAAI Insured		7/10 at 101
	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Griffin Hospital, Series 2005B:		
300	5.000%, 7/01/20 - RAAI Insured		7/15 at 100
300	5.000%, 7/01/23 - RAAI Insured		7/15 at 100

34

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

HEALTH CARE (continued)

	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Hospital for Special Care, Series 1997B:		
\$ 105	5.375%, 7/01/17		7/07 at 102
45	5.500%, 7/01/27		7/07 at 102
500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Middlesex Hospital, Series 2006, 5.000%, 7/01/32 - FSA Insured		7/16 at 100
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, St. Francis Hospital and Medical Center, Series 2002D, 5.000%, 7/01/22 - RAAI Insured		7/12 at 101
25	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Stamford Hospital, Series 1999G, 5.000%, 7/01/18 - MBIA Insured		7/09 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale-New Haven Hospital, Series 2006J-1, 5.000%, 7/01/31 - AMBAC Insured		7/16 at 100

3,360 Total Health Care

HOUSING/MULTIFAMILY - 2.9% (2.0% OF TOTAL INVESTMENTS)

500	Connecticut Housing Finance Authority, Multifamily Housing Mortgage Finance Program Bonds, Series 2006G-2, 4.800%, 11/15/27 (Alternative Minimum Tax)		11/15 at 100
500	Stamford Housing Authority, Connecticut, Multifamily Housing Revenue Bonds, Fairfield Apartments, Series 1998, 4.750%, 12/01/28 (Mandatory put 12/01/08) (Alternative Minimum Tax)		No Opt. C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,000	Total Housing/Multifamily	
HOUSING/SINGLE FAMILY - 3.6% (2.4% OF TOTAL INVESTMENTS)		
Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006-A1:		
305	4.700%, 11/15/26 (Alternative Minimum Tax)	11/15 at 100
330	4.800%, 11/15/31 (Alternative Minimum Tax)	11/15 at 100
600	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006D, 4.650%, 11/15/27	5/16 at 100
1,235	Total Housing/Single Family	
INDUSTRIALS - 3.0% (2.1% OF TOTAL INVESTMENTS)		
1,000	Connecticut Resource Recovery Authority, Revenue Bonds, American Ref-Fuel Company of Southeastern Connecticut LP, Series 1998A-II, 5.500%, 11/15/15 (Alternative Minimum Tax)	12/11 at 102
LONG-TERM CARE - 3.3% (2.2% OF TOTAL INVESTMENTS)		
320	Connecticut Development Authority, First Mortgage Gross Revenue Healthcare Bonds, Elim Park Baptist Home Inc., Series 2003, 5.750%, 12/01/23	12/11 at 102
325	Connecticut Development Authority, First Mortgage Gross Revenue Refunding Healthcare Bonds, Church Homes Inc. - Congregational Avery Heights, Series 1997, 5.700%, 4/01/12	10/07 at 102
450	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Village for Families and Children Inc., Series 2002A, 5.000%, 7/01/19 - AMBAC Insured	7/12 at 101
1,095	Total Long-Term Care	
TAX OBLIGATION/GENERAL - 21.9% (14.7% OF TOTAL INVESTMENTS)		
875	Bridgeport, Connecticut, General Obligation Bonds, Series 2004C, 5.250%, 8/15/14 - MBIA Insured	No Opt. C
600	Connecticut, General Obligation Bonds, Series 2006A, 4.750%, 12/15/24	12/16 at 100
400	Connecticut, General Obligation Bonds, Series 2006C, 5.000%, 6/01/23 - FSA Insured	6/16 at 100
1,000	Farmington, Connecticut, General Obligation Bonds, Series 2002: 5.000%, 9/15/20	9/12 at 101
1,450	5.000%, 9/15/21	9/12 at 101

NGK

Nuveen Connecticut Dividend Advantage Municipal Fund 2 (continued)
Portfolio of INVESTMENTS as of 5-31-07

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

TAX OBLIGATION/GENERAL (continued)		
\$ 1,305	Hartford County Metropolitan District, Connecticut, General Obligation Bonds, Series 2002, 5.000%, 4/01/22	4/12 at 101
360	Hartford, Connecticut, General Obligation Bonds, Series 2005A: 5.000%, 8/01/21 - FSA Insured	8/15 at 100
240	4.375%, 8/01/24 - FSA Insured	8/15 at 100
400	Suffield, Connecticut, General Obligation Bonds, Series 2005, 5.000%, 6/15/21	No Opt. C
500	West Hartford, Connecticut, General Obligation Bonds, Series 2005B, 5.000%, 10/01/17	10/15 at 100

7,130	Total Tax Obligation/General	

TAX OBLIGATION/LIMITED - 12.5% (8.4% OF TOTAL INVESTMENTS)		
500	Connecticut Health and Educational Facilities Authority, Child Care Facilities Program Revenue Bonds, Series 2006F, 5.000%, 7/01/36 - AGC Insured	7/16 at 100
500	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2001B, 5.375%, 10/01/13 - FSA Insured	10/11 at 100
1,625	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2002A, 5.375%, 7/01/20 - FSA Insured	7/12 at 100
500	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.250%, 7/01/31 - AMBAC Insured	No Opt. C
430	Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 2005A, 0.000%, 7/01/32 - FGIC Insured	No Opt. C
750	Puerto Rico Municipal Finance Agency, Series 2005C, 5.000%, 8/01/16 - FSA Insured	8/15 at 100

4,305	Total Tax Obligation/Limited	

TRANSPORTATION - 6.3% (4.2% OF TOTAL INVESTMENTS)		
1,950	New Haven, Connecticut, Revenue Refunding Bonds, Air Rights	No Opt. C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Parking Facility, Series 2002, 5.375%, 12/01/15 -
 AMBAC Insured

U.S. GUARANTEED - 48.5% (32.5% OF TOTAL INVESTMENTS) (4)

2,250	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut State University System, Series 2002D-2, 5.000%, 11/01/21 (Pre-refunded 11/01/11) - FSA Insured	11/11 at 100
	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Eastern Connecticut Health Network, Series 2000A:	
100	6.125%, 7/01/20 (Pre-refunded 7/01/10) - RAAI Insured	7/10 at 101
30	6.125%, 7/01/20 (Pre-refunded 7/01/10) - RAAI Insured	7/10 at 101
130	6.000%, 7/01/25 (Pre-refunded 7/01/10) - RAAI Insured	7/10 at 101
5	6.000%, 7/01/25 (Pre-refunded 7/01/10) - RAAI Insured	7/10 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Greenwich Academy, Series 2001B, 5.000%, 3/01/32 (Pre-refunded 3/01/11) - FSA Insured	3/11 at 101
1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2001D, 5.250%, 7/01/31 (Pre-refunded 7/01/11)	7/11 at 101
500	Connecticut, General Obligation Bonds, Series 2002A, 5.375%, 4/15/19 (Pre-refunded 4/15/12)	4/12 at 100
2,105	Fairfield, Connecticut, General Obligation Bonds, Series 2002A, 5.000%, 4/01/16 (Pre-refunded 4/01/12)	4/12 at 100

36

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	U.S. GUARANTEED (4) (continued)	
\$ 1,000	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2000HH, 5.250%, 7/01/29 (Pre-refunded 7/01/10) - FSA Insured	7/10 at 101
1,000	Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/32	10/10 at 101
2,000	Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/40	10/10 at 101
	Regional School District 8, Andover, Hebron and Marlborough, Connecticut, General Obligation Bonds, Series 2002:	
1,390	5.000%, 5/01/20 (Pre-refunded 5/01/11) - FSA Insured	5/11 at 101
1,535	5.000%, 5/01/22 (Pre-refunded 5/01/11) - FSA Insured	5/11 at 101
1,230	University of Connecticut, General Obligation Bonds, Series 2002A, 5.375%, 4/01/19 (Pre-refunded 4/01/12)	4/12 at 100
500	Waterbury, Connecticut, General Obligation Bonds, Series 2002A, 5.375%, 4/01/17 (Pre-refunded 4/01/12) - FSA Insured	4/12 at 100

15,775	Total U.S. Guaranteed	
UTILITIES - 3.7% (2.5% OF TOTAL INVESTMENTS)		
500	Connecticut Development Authority, Pollution Control Revenue Refunding Bonds, Connecticut Light and Power Company, Series 1993A, 5.850%, 9/01/28	10/08 at 102
250	Eastern Connecticut Resource Recovery Authority, Solid Waste Revenue Bonds, Wheelabrator Lisbon Project, Series 1993A: 5.500%, 1/01/15 (Alternative Minimum Tax)	8/07 at 100
510	5.500%, 1/01/20 (Alternative Minimum Tax)	7/07 at 100
1,260	Total Utilities	

WATER AND SEWER - 12.0% (8.0% OF TOTAL INVESTMENTS)		
70	Connecticut Development Authority, Water Facilities Revenue Bonds, Bridgeport Hydraulic Company, Series 1996, 6.000%, 9/01/36 - AMBAC Insured (Alternative Minimum Tax)	9/07 at 101
785	Connecticut, State Revolving Fund General Revenue Bonds, Series 2003A, 5.000%, 10/01/16	10/13 at 100
500	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A: 5.000%, 11/15/16 - MBIA Insured	11/15 at 100
690	5.000%, 11/15/30 - MBIA Insured	11/15 at 100
320	5.000%, 8/15/35 - MBIA Insured	11/15 at 100

37

NGK
 Nuveen Connecticut Dividend Advantage Municipal Fund 2 (continued)
 Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL PROVISIONS
WATER AND SEWER (continued)		
\$ 130	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2005, 6.000%, 7/01/25	7/15 at 100
750	South Central Connecticut Regional Water Authority, Water System Revenue Bonds, Eighteenth Series 2003A: 5.000%, 8/01/20 - MBIA Insured	8/13 at 100
660	5.000%, 8/01/33 - MBIA Insured	8/13 at 100
3,905	Total Water and Sewer	
\$ 48,905	Total Investments (cost \$49,452,258) - 149.0%	

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Other Assets Less Liabilities - 1.9%

 Preferred Shares, at Liquidation Value - (50.9)%

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

FORWARD SWAPS OUTSTANDING AT MAY 31, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFE DA
JPMorgan	\$ 750,000	Pay	3-Month USD-LIBOR	5.388%	Semi-Annually	4/
Morgan Stanley	3,000,000	Pay	3-Month USD-LIBOR	5.559	Semi-Annually	4/

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

The Fund may invest in "zero coupon" securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. Such securities are included in the portfolio with a 0.00% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

- (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 (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
- (5) Effective date represents the date on which both the

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Fund and counterparty commence interest payment accruals on each forward swap contract.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

See accompanying notes to financial statements.

38

NGO

Nuveen Connecticut Dividend Advantage Municipal Fund 3
Portfolio of INVESTMENTS

as of 5-31-07

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

	CONSUMER STAPLES - 4.0% (2.7% OF TOTAL INVESTMENTS)	
\$ 2,405	Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Refunding Bonds, Series 2002, 5.375%, 5/15/33	5/12 at 100

	EDUCATION AND CIVIC ORGANIZATIONS - 14.4% (9.6% OF TOTAL INVESTMENTS)	
1,000	Connecticut Health and Education Facilities Authority, Revenue Bonds, Connecticut College, Series 2007G, 4.500%, 7/01/37 - MBIA Insured	7/17 at 100
650	Connecticut Health and Education Facilities Authority, University of Hartford Revenue Bonds, Series 2006G, 5.250%, 7/01/36 - RAAI Insured	7/16 at 100
150	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Canterbury School, Series 2006B, 5.000%, 7/01/36 - RAAI Insured	7/16 at 100
1,700	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut State University System, Series 2005H, 5.000%, 11/01/17 - FSA Insured	11/15 at 100
285	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Kent School, Series 2004D, 5.000%, 7/01/15 - MBIA Insured	1/15 at 100
400	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Loomis Chaffee School, Series 2005F, 5.250%, 7/01/19 - AMBAC Insured	No Opt. C
750	Connecticut Health and Educational Facilities Authority, Revenue Bonds, University of Hartford, Series 2002E, 5.500%, 7/01/22 - RAAI Insured	7/12 at 101
1,500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale University, Series 2002W, 5.125%, 7/01/27	7/09 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

250	Connecticut State Health and Educational Facilities Authority, Revenue Bonds, Chase Collegiate School, Series 2007A, 5.000%, 7/01/27 (WI/DD, Settling 6/07/07) - RAAI Insured	7/17 at 100
	University of Connecticut, General Obligation Bonds, Series 2006A:	
850	5.000%, 2/15/19 - FGIC Insured	2/16 at 100
490	5.000%, 2/15/23 - FGIC Insured	2/16 at 100
500	University of Connecticut, Student Fee Revenue Refunding Bonds, Series 2002A, 5.250%, 11/15/22 - FGIC Insured	11/12 at 101

8,525	Total Education and Civic Organizations	

HEALTH CARE - 6.5% (4.3% OF TOTAL INVESTMENTS)

500	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Bristol Hospital, Series 2002B, 5.500%, 7/01/21 - RAAI Insured	7/12 at 101
800	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Griffin Hospital, Series 2005B, 5.000%, 7/01/20 - RAAI Insured	7/15 at 100
	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Hospital for Special Care, Series 1997B:	
235	5.375%, 7/01/17	7/07 at 102
225	5.500%, 7/01/27	7/07 at 102
900	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Middlesex Hospital, Series 2006, 5.000%, 7/01/32 - FSA Insured	7/16 at 100
200	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Stamford Hospital, Series 1999G, 5.000%, 7/01/18 - MBIA Insured	7/09 at 101

39

NGO

Nuveen Connecticut Dividend Advantage Municipal Fund 3 (continued)
Portfolio of INVESTMENTS as of 5-31-07

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

	HEALTH CARE (continued)	
\$ 1,000	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Yale-New Haven Hospital, Series 2006J-1, 5.000%, 7/01/31 - AMBAC Insured	7/16 at 100

3,860	Total Health Care	

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

HOUSING/MULTIFAMILY - 2.8% (1.9% OF TOTAL INVESTMENTS)

1,000	Connecticut Housing Finance Authority, Multifamily Housing Mortgage Finance Program Bonds, Series 2006G-2, 4.800%, 11/15/27 (Alternative Minimum Tax)	11/15 at 100
750	Stamford Housing Authority, Connecticut, Multifamily Housing Revenue Bonds, Fairfield Apartments, Series 1998, 4.750%, 12/01/28 (Mandatory put 12/01/08) (Alternative Minimum Tax)	No Opt. C
<hr/>		
1,750	Total Housing/Multifamily	

HOUSING/SINGLE FAMILY - 3.2% (2.2% OF TOTAL INVESTMENTS)

Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006-A1:		
435	4.700%, 11/15/26 (Alternative Minimum Tax)	11/15 at 100
465	4.800%, 11/15/31 (Alternative Minimum Tax)	11/15 at 100
1,100	Connecticut Housing Finance Authority, Housing Mortgage Finance Program Bonds, Series 2006D, 4.650%, 11/15/27	5/16 at 100
<hr/>		
2,000	Total Housing/Single Family	

INDUSTRIALS - 3.3% (2.2% OF TOTAL INVESTMENTS)

2,000	Connecticut Resource Recovery Authority, Revenue Bonds, American Ref-Fuel Company of Southeastern Connecticut LP, Series 1998A-I, 5.500%, 11/15/15 (Alternative Minimum Tax)	12/11 at 102
-------	--	--------------

LONG TERM-CARE - 12.4% (8.3% OF TOTAL INVESTMENTS)

500	Connecticut Development Authority, First Mortgage Gross Revenue Healthcare Bonds, Elim Park Baptist Home Inc., Series 2003, 5.750%, 12/01/23	12/11 at 102
600	Connecticut Development Authority, First Mortgage Gross Revenue Refunding Healthcare Bonds, Church Homes Inc. - Congregational Avery Heights, Series 1997, 5.700%, 4/01/12	10/07 at 102
Connecticut Development Authority, Revenue Bonds, Duncaster Inc., Series 2002:		
650	5.125%, 8/01/22 - RAAI Insured	8/12 at 101
1,025	4.750%, 8/01/32 - RAAI Insured	8/12 at 101
Connecticut Health and Educational Facilities Authority, Revenue Bonds, Village for Families and Children Inc., Series 2002A:		
430	5.000%, 7/01/18 - AMBAC Insured	7/12 at 101
475	5.000%, 7/01/20 - AMBAC Insured	7/12 at 101
260	5.000%, 7/01/23 - AMBAC Insured	7/12 at 101
1,000	5.000%, 7/01/32 - AMBAC Insured	7/12 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	Connecticut Housing Finance Authority, Special Needs Housing Mortgage Finance Program Special Obligation Bonds, Series 2002SNH-1:		
1,000	5.000%, 6/15/22 - AMBAC Insured		6/12 at 101
1,500	5.000%, 6/15/32 - AMBAC Insured		6/12 at 101

7,440 Total Long-Term Care

TAX OBLIGATION/GENERAL - 27.1% (18.1% OF TOTAL INVESTMENTS)

	Bethel, Connecticut, General Obligation Bonds, Series 2002:		
525	5.000%, 11/01/18 - FGIC Insured		11/12 at 100
525	5.000%, 11/01/19 - FGIC Insured		11/12 at 100
525	5.000%, 11/01/20 - FGIC Insured		11/12 at 100
525	5.000%, 11/01/21 - FGIC Insured		11/12 at 100
525	5.000%, 11/01/22 - FGIC Insured		11/12 at 100
1,000	Bridgeport, Connecticut, General Obligation Bonds, Series 2004C, 5.250%, 8/15/14 - MBIA Insured		No Opt. C
1,200	Connecticut, General Obligation Bonds, Series 2006A, 4.750%, 12/15/24		12/16 at 100

40

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	TAX OBLIGATION/GENERAL (continued)	
\$ 700	Connecticut, General Obligation Bonds, Series 2006C, 5.000%, 6/01/23 - FSA Insured	6/16 at 100
450	Farmington, Connecticut, General Obligation Bonds, Series 2002, 5.000%, 9/15/20	9/12 at 101
	Hartford, Connecticut, General Obligation Bonds, Series 2005A:	
600	5.000%, 8/01/21 - FSA Insured	8/15 at 100
400	4.375%, 8/01/24 - FSA Insured	8/15 at 100
	New Canaan, Connecticut, General Obligation Bonds, Series 2002A:	
950	4.500%, 5/01/19	5/11 at 100
900	4.600%, 5/01/20	5/11 at 100
500	4.700%, 5/01/21	5/11 at 100
	Southbury, Connecticut, General Obligation Bonds, Series 2002:	
500	4.250%, 12/15/14	12/11 at 101
500	4.375%, 12/15/15	12/11 at 101
500	4.375%, 12/15/16	12/11 at 101
500	4.500%, 12/15/17	12/11 at 101
500	4.625%, 12/15/18	12/11 at 101
500	4.625%, 12/15/19	12/11 at 101
500	4.875%, 12/15/20	12/11 at 101
500	4.875%, 12/15/21	12/11 at 101
500	5.000%, 12/15/22	12/11 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	Stratford, Connecticut, General Obligation Bonds, Series 2002:		
1,375	4.000%, 2/15/19 - FSA Insured		2/12 at 100
630	4.125%, 2/15/20 - FSA Insured		2/12 at 100
500	West Hartford, Connecticut, General Obligation Bonds, Series 2005B, 5.000%, 10/01/18		10/15 at 100

16,330	Total Tax Obligation/General		

TAX OBLIGATION/LIMITED - 22.1% (14.8% OF TOTAL INVESTMENTS)

930	Connecticut Health and Educational Facilities Authority, Child Care Facilities Program Revenue Bonds, Series 2006F, 5.000%, 7/01/36 - AGC Insured		7/16 at 100
60	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 1992B, 6.125%, 9/01/12		No Opt. C
	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2002B:		
2,810	5.000%, 12/01/20 - AMBAC Insured		12/12 at 100
1,000	5.000%, 12/01/21 - AMBAC Insured		12/12 at 100
1,000	5.000%, 12/01/22 - AMBAC Insured		12/12 at 100
500	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2003B, 5.000%, 1/01/23 - FGIC Insured		1/14 at 100
1,000	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.250%, 7/01/31 - AMBAC Insured		No Opt. C
	Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 2005A:		
780	0.000%, 7/01/32 - FGIC Insured		No Opt. C
2,120	0.000%, 7/01/33 - FGIC Insured		No Opt. C
	Puerto Rico Public Buildings Authority, Guaranteed Government Facilities Revenue Bonds, Series 2002G:		
890	5.250%, 7/01/17		7/12 at 100
1,000	5.250%, 7/01/20		7/12 at 100
1,045	5.250%, 7/01/21		7/12 at 100
1,010	Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series 1998A, 5.125%, 6/01/24 - AMBAC Insured		No Opt. C
195	Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series 2002E, 5.500%, 8/01/29		2/12 at 100

NGO
Nuveen Connecticut Dividend Advantage Municipal Fund 3 (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL

OPTIONAL C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

AMOUNT (000)	DESCRIPTION (1)	PROVISIONS

	TAX OBLIGATION/LIMITED (continued)	
\$ 750	Virgin Islands Public Finance Authority, Senior Lien Revenue Refunding Bonds, Matching Fund Loan Note, Series 1998A, 5.500%, 10/01/22	10/08 at 101

15,090	Total Tax Obligation/Limited	

	TRANSPORTATION - 0.7% (0.6% OF TOTAL INVESTMENTS)	
415	New Haven, Connecticut, Revenue Refunding Bonds, Air Rights Parking Facility, Series 2002, 5.375%, 12/01/15 - AMBAC Insured	No Opt. C

	U.S. GUARANTEED - 32.3% (21.6% OF TOTAL INVESTMENTS) (4)	
500	Bridgeport, Connecticut, General Obligation Bonds, Series 2003A, 5.250%, 9/15/23 (Pre-refunded 9/15/13) - FSA Insured	9/13 at 100
1,595	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Connecticut State University System, Series 2002D-2, 5.000%, 11/01/21 (Pre-refunded 11/01/11) - FSA Insured	11/11 at 100
3,100	Connecticut Health and Educational Facilities Authority, Revenue Bonds, Trinity College, Series 2001G, 5.000%, 7/01/21 (Pre-refunded 7/01/11) - AMBAC Insured	7/11 at 101
1,000	Connecticut, General Obligation Bonds, Series 2002A, 5.000%, 4/15/21 (Pre-refunded 4/15/12)	4/12 at 100
400	Connecticut, Special Tax Obligation Transportation Infrastructure Purpose Bonds, Series 2001A, 4.800%, 10/01/18 (Pre-refunded 10/01/11) - FSA Insured	10/11 at 100
40	New Haven, Connecticut, General Obligation Bonds, Series 2002A, 5.250%, 11/01/17 - AMBAC Insured (ETM)	11/11 at 101
1,405	New Haven, Connecticut, General Obligation Bonds, Series 2002A, 5.250%, 11/01/17 (Pre-refunded 11/01/11) - AMBAC Insured	11/11 at 101
3,050	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2000HH, 5.250%, 7/01/29 (Pre-refunded 7/01/10) - FSA Insured	7/10 at 101
3,000	Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/40	10/10 at 101
2,000	Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 1997A, 5.000%, 7/01/28 (Pre-refunded 1/01/08) - AMBAC Insured	1/08 at 101
570	Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series 2002E, 5.500%, 8/01/29 (Pre-refunded 2/01/12)	2/12 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,410	Puerto Rico, General Obligation and Public Improvement Refunding Bonds, Series 1998B, 5.000%, 7/01/24 (Pre-refunded 7/01/08) - MBIA Insured	7/08 at 101
1,100	University of Connecticut, General Obligation Bonds, Series 2003A, 5.125%, 2/15/21 (Pre-refunded 2/15/13) - MBIA Insured	2/13 at 100

19,170	Total U.S. Guaranteed	

UTILITIES - 3.3% (2.2% OF TOTAL INVESTMENTS)

720	Connecticut Development Authority, Pollution Control Revenue Refunding Bonds, Connecticut Light and Power Company, Series 1993A, 5.850%, 9/01/28	10/08 at 102
	Eastern Connecticut Resource Recovery Authority, Solid Waste Revenue Bonds, Wheelabrator Lisbon Project, Series 1993A:	
1,000	5.500%, 1/01/14 (Alternative Minimum Tax)	7/07 at 100
305	5.500%, 1/01/20 (Alternative Minimum Tax)	7/07 at 100

2,025	Total Utilities	

WATER AND SEWER - 17.2% (11.5% OF TOTAL INVESTMENTS)

765	Connecticut Development Authority, Water Facilities Revenue Bonds, Bridgeport Hydraulic Company, Series 1996, 6.000%, 9/01/36 (Alternative Minimum Tax)	9/07 at 101
1,185	Connecticut, State Revolving Fund General Revenue Bonds, Series 2003A, 5.000%, 10/01/16	10/13 at 100

42

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

	WATER AND SEWER (continued)	
	Greater New Haven Water Pollution Control Authority, Connecticut, Regional Wastewater System Revenue Bonds, Series 2005A:	
\$ 770	5.000%, 11/15/16 - MBIA Insured	11/15 at 100
1,230	5.000%, 11/15/30 - MBIA Insured	11/15 at 100
640	5.000%, 8/15/35 - MBIA Insured	11/15 at 100
230	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2005, 6.000%, 7/01/25	7/15 at 100
	South Central Connecticut Regional Water Authority, Water System Revenue Bonds, Eighteenth Series 2003A:	
2,050	5.000%, 8/01/20 - MBIA Insured	8/13 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,140	5.000%, 8/01/33 - MBIA Insured	8/13 at 100
1,840	South Central Connecticut Regional Water Authority, Water System Revenue Bonds, Twentieth Series, 2007A, 5.000%, 8/01/30 - MBIA Insured	8/16 at 100
350	Stamford, Connecticut, Water Pollution Control System and Facility Revenue Bonds, Series 2003A, 5.000%, 11/15/32	11/13 at 100

10,200	Total Water and Sewer	

\$ 91,210	Total Investments (cost \$91,413,059) - 149.3%	
=====		
	Other Assets Less Liabilities - 2.0%	

	Preferred Shares, at Liquidation Value - (51.3)%	

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

FORWARD SWAPS OUTSTANDING AT MAY 31, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFE DA
Morgan Stanley	\$2,500,000	Pay	3-Month USD-LIBOR	5.559%	Semi-Annually	4/

USD-LIBOR (United States Dollar-London Inter-Bank Offered Rate) The Fund may invest in "zero coupon" securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. Such securities are included in the portfolio with a 0.00% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

- (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 (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Service, Inc. are considered to be below investment grade.

(4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.

(5) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

(ETM) Escrowed to maturity.

See accompanying notes to financial statements.

43

NMT
Nuveen Massachusetts Premium Income Municipal Fund
Portfolio of INVESTMENTS

as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL PROVISIONS
CONSUMER DISCRETIONARY - 2.2% (1.5% OF TOTAL INVESTMENTS)		
\$ 1,485	Boston Industrial Development Financing Authority, Massachusetts, Senior Revenue Bonds, Crosstown Center Project, Series 2002, 6.500%, 9/01/35 (Alternative Minimum Tax)	9/12 at 102
CONSUMER STAPLES - 0.9% (0.6% OF TOTAL INVESTMENTS)		
550	Guam Economic Development Authority, Tobacco Settlement Asset-Backed Bonds, Series 2001B, 5.500%, 5/15/41	5/11 at 100
EDUCATION AND CIVIC ORGANIZATIONS - 22.4% (15.1% OF TOTAL INVESTMENTS)		
750	Massachusetts Development Finance Agency, Revenue Bonds, Western New England College, Series 2005A, 5.000%, 9/01/33 - AGC Insured	9/15 at 100
890	Massachusetts Development Finance Authority, Revenue Bonds, Curry College, Series 2000A, 6.000%, 3/01/20 - ACA Insured	3/09 at 101
1,000	Massachusetts Development Finance Authority, Revenue Bonds, Massachusetts College of Pharmacy and Allied Health Sciences, Series 2003C, 5.750%, 7/01/33	7/13 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,745	Massachusetts Development Finance Authority, Revenue Bonds, Massachusetts College of Pharmacy and Allied Health Sciences, Series 2005D, 5.000%, 7/01/27 - AGC Insured	7/15 at 100
750	Massachusetts Development Finance Authority, Revenue Bonds, Milton Academy, Series 2003A, 5.000%, 9/01/19	9/13 at 100
1,090	Massachusetts Development Finance Authority, Revenue Refunding Bonds, Boston University, Series 1999P, 6.000%, 5/15/29	No Opt. C
85	Massachusetts Education Loan Authority, Student Loan Revenue Bonds, Issue E, Series 1995, 6.150%, 7/01/10 - AMBAC Insured (Alternative Minimum Tax)	7/07 at 100
1,550	Massachusetts Educational Finance Authority, Educational Loan Revenue Bonds, Series 2002E, 5.000%, 1/01/13 - AMBAC Insured (Alternative Minimum Tax)	1/12 at 100
2,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Boston College, Series 2003N, 5.250%, 6/01/18	6/13 at 100
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Wellesley College, Series 2003H, 5.000%, 7/01/26	7/13 at 100
555	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Williams College, Series 2003H, 5.000%, 7/01/21	7/13 at 100
1,380	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Williams College, Series 2007L, 5.000%, 7/01/31	7/16 at 100
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Worcester State College, Series 2002, 5.000%, 11/01/32 - AMBAC Insured	11/12 at 100
1,645	Massachusetts Industrial Finance Agency, Revenue Bonds, Whitehead Institute for Biomedical Research, Series 1993, 5.125%, 7/01/26	7/07 at 100
375	Puerto Rico Industrial, Tourist, Educational, Medical and Environmental Control Facilities Financing Authority, Higher Education Revenue Bonds, Ana G. Mendez University System, Series 1999, 5.375%, 2/01/19	2/09 at 101
14,815	Total Education and Civic Organizations	

HEALTH CARE - 17.9% (12.0% OF TOTAL INVESTMENTS)

1,250	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Berkshire Health System, Series 2001E, 6.250%, 10/01/31	10/11 at 101
-------	---	--------------

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

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

HEALTH CARE (continued)

\$	1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Cape Cod Health Care Inc., Series 2001C, 5.250%, 11/15/31 - RAAI Insured	11/11 at 101
	1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Caritas Christi Obligated Group, Series 2002B, 6.250%, 7/01/22	7/12 at 101
	935	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Emerson Hospital, Series 2005E, 5.000%, 8/15/35 - RAAI Insured	8/15 at 100
	1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Lahey Clinic Medical Center, Series 2005C, 5.000%, 8/15/21 - FGIC Insured	8/15 at 100
	585	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milford Regional Medical Center, Series 2007E, 5.000%, 7/15/32	7/17 at 100
	1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milton Hospital Project, Series 2005D, 5.250%, 7/01/30	7/15 at 100
	1,500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, New England Medical Center Hospitals, Series 1993G-1, 5.375%, 7/01/24 - MBIA Insured	7/07 at 100
	600	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, New England Medical Center Hospitals, Series 2002H, 5.375%, 5/15/19 - FGIC Insured	5/12 at 100
	2,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Partners HealthCare System Inc., Series 2001C, 5.750%, 7/01/32	7/11 at 101
	375	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2001C, 6.625%, 7/01/32	7/11 at 100
	615	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2005D, 5.000%, 7/01/33	7/15 at 100

	11,860	Total Health Care	

HOUSING/MULTIFAMILY - 8.1% (5.4% OF TOTAL INVESTMENTS)

	1,335	Massachusetts Development Finance Authority, Multifamily Housing Revenue Bonds, Emerson Manor Project, Series 2007, 4.800%, 7/20/48 (WI/DD, Settling 6/13/07)	7/17 at 100
	1,875	Massachusetts Development Financing Authority, Assisted Living Revenue Bonds, Prospect House Apartments, Series 1999, 7.000%, 12/01/31	12/09 at 102
	335	Massachusetts Housing Finance Agency, Housing Bonds, Series 2006A, 5.100%, 12/01/37 (Alternative Minimum Tax)	6/15 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

500	Massachusetts Housing Finance Agency, Housing Revenue Bonds, Series 2003S, 5.050%, 12/01/23 (Alternative Minimum Tax)	6/13 at 100
385	Massachusetts Housing Finance Agency, Rental Housing Mortgage Revenue Bonds, Series 1999D, 5.500%, 7/01/13 - AMBAC Insured (Alternative Minimum Tax)	7/10 at 101
1,000	Somerville Housing Authority, Massachusetts, GNMA Collateralized Mortgage Revenue Bonds, Clarendon Hill Towers, Series 2002, 5.200%, 11/20/22	5/12 at 103

5,430	Total Housing/Multifamily	
-------	---------------------------	--

HOUSING/SINGLE FAMILY - 3.5% (2.4% OF TOTAL INVESTMENTS)

990	Massachusetts Housing Finance Agency, Single Family Housing Revenue Bonds, Series 2006-122, 4.875%, 12/01/37 (Alternative Minimum Tax)	6/15 at 100
1,500	Massachusetts Housing Finance Agency, Single Family Housing Revenue Bonds, Series 2006-126, 4.625%, 6/01/32 (Alternative Minimum Tax)	6/16 at 100

2,490	Total Housing/Single Family	
-------	-----------------------------	--

45

NMT

Nuveen Massachusetts Premium Income Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
INDUSTRIALS - 1.2% (0.8% OF TOTAL INVESTMENTS)		
\$ 415	Massachusetts Development Finance Agency, Pioneer Valley Resource Recovery Revenue Bonds, Eco/Springfield LLC, Series 2006, 5.875%, 7/01/14 (Alternative Minimum Tax)	No Opt. C
400	Massachusetts Development Finance Agency, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2003, 5.450%, 6/01/14	No Opt. C
815	Total Industrials	

LONG-TERM CARE - 6.4% (4.3% OF TOTAL INVESTMENTS)

1,270	Boston, Massachusetts, FHA-Insured Mortgage Revenue Bonds, Deutsches Altenheim Inc., Series 1998A, 6.125%, 10/01/31	10/08 at 105
-------	---	--------------

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

655	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/12 at 102
1,500	Massachusetts Development Finance Authority, GNMA Collateralized Assisted Living Facility Revenue Bonds, Arbors at Chicopee, Series 2001A, 6.250%, 9/20/42 (Alternative Minimum Tax)	3/12 at 105
355	Massachusetts Industrial Finance Agency, FHA-Insured Project Revenue Bonds, Heights Crossing LP, Series 1995, 6.000%, 2/01/15 (Alternative Minimum Tax)	8/07 at 101
400	Massachusetts Industrial Finance Agency, First Mortgage Revenue Bonds, Berkshire Retirement Community, Series 1994B, 4.750%, 7/01/17	1/11 at 101

4,180	Total Long-Term Care	
-------	----------------------	--

TAX OBLIGATION/GENERAL - 16.0% (10.8% OF TOTAL INVESTMENTS)

500	Ashland, Massachusetts, General Obligation Bonds, Series 2004, 5.250%, 5/15/23 - AMBAC Insured	5/15 at 100
1,250	Boston, Massachusetts, General Obligation Bonds, Series 2005A, 5.000%, 1/01/17	1/15 at 100
1,000	Fall River, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 2/01/21 - FSA Insured	2/13 at 101
2,500	Massachusetts Bay Transportation Authority, General Obligation Transportation System Bonds, Series 1991A, 7.000%, 3/01/21	No Opt. C
1,275	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2001D, 6.000%, 11/01/13 - MBIA Insured	No Opt. C
980	Monson, Massachusetts, General Obligation Bonds, Series 2002, 5.250%, 5/15/22 - AMBAC Insured	5/12 at 101
1,260	Norwell, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 11/15/20 - FGIC Insured	No Opt. C
1,220	Worcester, Massachusetts, General Obligation Bonds, Series 2005A, 5.000%, 7/01/19 - FGIC Insured	7/15 at 100

9,985	Total Tax Obligation/General	
-------	------------------------------	--

TAX OBLIGATION/LIMITED - 15.0% (10.1% OF TOTAL INVESTMENTS)

210	Martha's Vineyard Land Bank, Massachusetts, Revenue Bonds, Series 2004, 5.000%, 5/01/26 - AMBAC Insured	5/14 at 100
940	Massachusetts Bay Transportation Authority, Assessment Bonds, Series 2005A, 5.000%, 7/01/18	7/15 at 100
385	Massachusetts Bay Transportation Authority, Senior Lien Sales Tax Revenue Refunding Bonds, Series 2004C, 5.250%, 7/01/21	No Opt. C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,000	Massachusetts Bay Transportation Authority, Senior Sales Tax Revenue Bonds, Series 2006, 5.000%, 7/01/26	7/18 at 100
550	Massachusetts College Building Authority, Project Revenue Bonds, Series 2004A, 5.000%, 5/01/19 - MBIA Insured	5/14 at 100
325	Massachusetts College Building Authority, Project Revenue Bonds, Series 2006A, 5.000%, 5/01/31 - AMBAC Insured	5/16 at 100
1,000	Massachusetts College Building Authority, Project Revenue Refunding Bonds, Series 2003B, 5.375%, 5/01/23 - XLCA Insured	No Opt. C

46

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

TAX OBLIGATION/LIMITED (continued)		
\$ 1,300	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Series 2005A, 5.000%, 8/15/20 - FSA Insured	8/15 at 100
540	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2005, 5.000%, 1/01/20 - FGIC Insured	No Opt. C
1,000	Massachusetts, Special Obligation Refunding Notes, Federal Highway Grant Anticipation Note Program, Series 2003A, 5.000%, 12/15/13 - FSA Insured	No Opt. C
1,000	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.250%, 7/01/30 - AMBAC Insured	No Opt. C
240	Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 2005A, 0.000%, 7/01/43 - AMBAC Insured	No Opt. C
1,300	Puerto Rico, Highway Revenue Bonds, Highway and Transportation Authority, Series 2003AA, 5.500%, 7/01/19 - MBIA Insured	No Opt. C

9,790	Total Tax Obligation/Limited	

TRANSPORTATION - 11.8% (7.9% OF TOTAL INVESTMENTS)

2,000	Massachusetts Port Authority, Revenue Bonds, Series 2003A, 5.000%, 7/01/33 - MBIA Insured	7/13 at 100
1,700	Massachusetts Port Authority, Revenue Bonds, Series 2005A, 5.000%, 7/01/23 - AMBAC Insured	7/15 at 100
225	Massachusetts Port Authority, Special Facilities Revenue Bonds, Delta Air Lines Inc., Series 2001A, 5.000%, 1/01/27 - AMBAC Insured (Alternative Minimum Tax)	1/11 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

4,000	Massachusetts Port Authority, Special Facilities Revenue Bonds, US Airways Group Inc., Series 1996A, 5.750%, 9/01/16 - MBIA Insured (Alternative Minimum Tax)	9/07 at 101

7,925	Total Transportation	

U.S. GUARANTEED - 25.0% (16.8% OF TOTAL INVESTMENTS) (4)		
2,500	Massachusetts Development Finance Authority, GNMA Collateralized Revenue Bonds, VOA Concord Assisted Living Inc., Series 2000A, 6.900%, 10/20/41 (Pre-refunded 10/20/11)	10/11 at 105
500	Massachusetts Development Finance Authority, Revenue Bonds, Belmont Hills School, Series 2001, 5.375%, 9/01/23 (Pre-refunded 9/01/11)	9/11 at 101
410	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, CareGroup Inc., Series 1998A, 5.000%, 7/01/25 (Pre-refunded 7/01/21) - MBIA Insured	7/21 at 100
1,500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, University of Massachusetts - Worcester Campus, Series 2001B, 5.250%, 10/01/31 (Pre-refunded 10/01/11) - FGIC Insured	10/11 at 100
2,300	Massachusetts Industrial Finance Agency, Revenue Bonds, Belmont Hill School, Series 1998, 5.250%, 9/01/28 (Pre-refunded 9/01/08)	9/08 at 101
705	Massachusetts Port Authority, Revenue Bonds, Series 1982, 13.000%, 7/01/13 (ETM)	7/07 at 100
1,440	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 9, 5.000%, 8/01/22 (Pre-refunded 8/01/13)	8/13 at 100
1,250	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2004B, 5.000%, 8/01/24 (Pre-refunded 8/01/14)	8/14 at 100
1,500	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2004, 5.250%, 1/01/25 (Pre-refunded 1/01/14) - FGIC Insured	1/14 at 100
1,615	Springfield, Massachusetts, General Obligation Bonds, Series 2003, 5.250%, 1/15/23 (Pre-refunded 1/15/13) - MBIA Insured	1/13 at 100
1,200	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2003-1, 5.250%, 11/01/18 (Pre-refunded 11/01/13) - AMBAC Insured	11/13 at 100

NMT
Nuveen Massachusetts Premium Income Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL

OPTIONAL C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

AMOUNT (000)	DESCRIPTION (1)	PROVISIONS
	U.S. GUARANTEED (4) (continued)	
\$ 1,000	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2004-1, 5.250%, 11/01/24 (Pre-refunded 11/01/14) - AMBAC Insured	11/14 at 100
15,920	Total U.S. Guaranteed	
	UTILITIES - 3.0% (2.0% OF TOTAL INVESTMENTS)	
1,000	Massachusetts Development Finance Agency, Resource Recovery Revenue Bonds, SEMass System, Series 2001A, 5.625%, 1/01/16 - MBIA Insured	1/12 at 101
1,000	Massachusetts Industrial Finance Agency, Resource Recovery Revenue Refunding Bonds, Ogden Haverhill Project, Series 1998A, 5.600%, 12/01/19 (Alternative Minimum Tax)	12/08 at 102
2,000	Total Utilities	
	WATER AND SEWER - 11.0% (7.4% OF TOTAL INVESTMENTS)	
2,000	Boston Water and Sewerage Commission, Massachusetts, General Revenue Bonds, Senior Series 2004A, 5.000%, 11/01/25	11/14 at 100
285	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 10, 5.000%, 8/01/26	8/14 at 100
750	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 11, 4.500%, 8/01/29	8/15 at 100
1,000	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 12, 4.375%, 8/01/31	8/16 at 100
60	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 9, 5.000%, 8/01/22	8/13 at 100
1,250	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Series 2002A, 5.250%, 8/01/20	8/12 at 100
1,500	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.000%, 8/01/28 - MBIA Insured	8/17 at 100
625	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2006A, 4.000%, 8/01/46	8/16 at 100
7,470	Total Water and Sewer	
\$ 94,715	Total Long-Term Investments (cost \$96,864,892) - 144.4%	

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)

	SHORT-TERM INVESTMENTS - 4.3% (2.9% OF TOTAL INVESTMENTS)
\$ 2,950	Puerto Rico Government Development Bank, Adjustable Refunding Bonds, Variable Rate Demand Obligations, Series 1985, 3.610%, 12/01/15 - MBIA Insured (5)
\$ 2,950	Total Short-Term Investments (cost \$2,950,000)
=====	
	Total Investments (cost \$99,814,892) - 148.7%

	Other Assets Less Liabilities - 0.3%

	Preferred Shares, at Liquidation Value - (49.0)%

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

FORWARD SWAPS OUTSTANDING AT MAY 31, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFE DA
JPMorgan	\$1,250,000	Pay	3-Month USD-LIBOR	5.388%	Semi-Annually	4/

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

The Fund may invest in "zero coupon" securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. Such securities are included in the portfolio with a 0.00% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

- (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 (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
 - (5) Investment has a maturity of more than one year, but has variable rate and demand features which qualify it as a short-term investment. The rate disclosed is that in effect at the end of the reporting period. This rate changes periodically based on market conditions or a specified market index.
 - (6) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.

See accompanying notes to financial statements.

NMB
 Nuveen Massachusetts Dividend Advantage Municipal Fund
 Portfolio of INVESTMENTS

as of 5-31-07

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

CONSUMER DISCRETIONARY - 1.8% (1.2% OF TOTAL INVESTMENTS)		
\$ 495	Boston Industrial Development Financing Authority, Massachusetts, Senior Revenue Bonds, Crosstown Center Project, Series 2002, 6.500%, 9/01/35 (Alternative Minimum Tax)	9/12 at 102

EDUCATION AND CIVIC ORGANIZATIONS - 27.1% (18.4% OF TOTAL INVESTMENTS)		
450	Massachusetts Development Finance Agency, Revenue Bonds, Western New England College, Series 2005A, 5.000%, 9/01/33 - AGC Insured	9/15 at 100
495	Massachusetts Development Finance Authority, Revenue Bonds, Massachusetts College of Pharmacy and Allied Health Sciences,	7/15 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Series 2005D, 5.000%, 7/01/27 - AGC Insured

500	Massachusetts Development Finance Authority, Revenue Bonds, Milton Academy, Series 2003A, 5.000%, 9/01/19	9/13 at 100
1,000	Massachusetts Development Finance Authority, Revenue Refunding Bonds, Boston University, Series 1999P, 6.000%, 5/15/59	5/29 at 105
1,085	Massachusetts Educational Finance Authority, Educational Loan Revenue Bonds, Series 2001E, 5.300%, 1/01/16 - AMBAC Insured (Alternative Minimum Tax)	7/10 at 100
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Boston College, Series 2003N, 5.250%, 6/01/18	6/13 at 100
2,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Tufts University, Series 2001I, 5.500%, 2/15/36	2/11 at 100
590	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Williams College, Series 2007L, 5.000%, 7/01/31	7/16 at 100
250	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2005-1, 5.000%, 5/01/15 - AMBAC Insured	No Opt. C

7,370 Total Education and Civic Organizations

HEALTH CARE - 21.1% (14.3% OF TOTAL INVESTMENTS)

500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Berkshire Health System, Series 2001E, 6.250%, 10/01/31	10/11 at 101
250	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Caritas Christi Obligated Group, Series 1999A, 5.625%, 7/01/20	1/09 at 101
375	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Covenant Health Systems Obligated Group, Series 2002, 6.000%, 7/01/31	1/12 at 101
315	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Emerson Hospital, Series 2005E, 5.000%, 8/15/35 - RAAI Insured	8/15 at 100
600	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Lahey Clinic Medical Center, Series 2005C, 5.000%, 8/15/21 - FGIC Insured	8/15 at 100
290	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milford Regional Medical Center, Series 2007E, 5.000%, 7/15/32	7/17 at 100
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milton Hospital Project, Series 2005D, 5.250%, 7/01/30	7/15 at 100
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Northern Berkshire Community Services Inc.,	7/14 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Series 2004B, 6.375%, 7/01/34

1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Partners HealthCare System Inc., Series 1999B, 5.125%, 7/01/19	7/09 at 101
-------	--	-------------

50

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

HEALTH CARE (continued)

\$ 1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Partners HealthCare System Inc., Series 2001C, 5.750%, 7/01/32	7/11 at 101
----------	--	-------------

500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2001C, 6.625%, 7/01/32	7/11 at 100
-----	---	-------------

5,830 Total Health Care

HOUSING/MULTIFAMILY - 12.1% (8.2% OF TOTAL INVESTMENTS)

570	Massachusetts Development Finance Authority, Multifamily Housing Revenue Bonds, Emerson Manor Project, Series 2007, 4.800%, 7/20/48 (WI/DD, Settling 6/13/07)	7/17 at 100
-----	---	-------------

135	Massachusetts Housing Finance Agency, Housing Bonds, Series 2006A, 5.100%, 12/01/37 (Alternative Minimum Tax)	6/15 at 100
-----	---	-------------

500	Massachusetts Housing Finance Agency, Housing Revenue Bonds, Series 2003S, 5.050%, 12/01/23 (Alternative Minimum Tax)	6/13 at 100
-----	---	-------------

1,215	Massachusetts Housing Finance Agency, Rental Housing Mortgage Revenue Bonds, Series 2001A, 5.850%, 7/01/35 - AMBAC Insured (Alternative Minimum Tax)	1/11 at 100
-------	--	-------------

1,000	Somerville Housing Authority, Massachusetts, GNMA Collateralized Mortgage Revenue Bonds, Clarendon Hill Towers, Series 2002, 5.200%, 11/20/22	5/12 at 103
-------	---	-------------

3,420 Total Housing/Multifamily

HOUSING/SINGLE FAMILY - 3.5% (2.4% OF TOTAL INVESTMENTS)

395	Massachusetts Housing Finance Agency, Single Family Housing Revenue Bonds, Series 2006-122, 4.875%, 12/01/37 (Alternative Minimum Tax)	6/15 at 100
-----	--	-------------

650	Massachusetts Housing Finance Agency, Single Family Housing Revenue Bonds, Series 2006-126, 4.625%, 6/01/32	6/16 at 100
-----	---	-------------

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

(Alternative Minimum Tax)

1,045	Total Housing/Single Family	
INDUSTRIALS - 1.3% (0.9% OF TOTAL INVESTMENTS)		
195	Massachusetts Development Finance Agency, Pioneer Valley Resource Recovery Revenue Bonds, Eco/Springfield LLC, Series 2006, 5.875%, 7/01/14 (Alternative Minimum Tax)	No Opt. C
200	Massachusetts Development Finance Agency, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2003, 5.450%, 6/01/14	No Opt. C
395	Total Industrials	
LONG-TERM CARE - 7.2% (4.9% OF TOTAL INVESTMENTS)		
285	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.250%, 10/01/26	10/12 at 102
655	Massachusetts Development Finance Authority, First Mortgage Revenue Bonds, Berkshire Retirement Community - Edgecombe Project, Series 2001A, 6.750%, 7/01/21	7/11 at 102
1,000	Massachusetts Development Finance Authority, GNMA Collateralized Assisted Living Facility Revenue Bonds, Arbors at Chicopee, Series 2001A, 6.250%, 9/20/42 (Alternative Minimum Tax)	3/12 at 105
1,940	Total Long-Term Care	
TAX OBLIGATION/GENERAL - 14.8% (10.0% OF TOTAL INVESTMENTS)		
310	Ashland, Massachusetts, General Obligation Bonds, Series 2004, 5.250%, 5/15/23 - AMBAC Insured	5/15 at 100
2,000	Brookline, Massachusetts, General Obligation Bonds, Series 2000, 5.375%, 4/01/17	4/10 at 101
440	Fall River, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 2/01/21 - FSA Insured	2/13 at 101
750	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2002D, 5.500%, 8/01/19	No Opt. C
500	Norwell, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 11/15/20 - FGIC Insured	No Opt. C
4,000	Total Tax Obligation/General	

NMB

Nuveen Massachusetts Dividend Advantage Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	TAX OBLIGATION/LIMITED - 15.3% (10.3% OF TOTAL INVESTMENTS)	
\$ 395	Martha's Vineyard Land Bank, Massachusetts, Revenue Bonds, Series 2004, 5.000%, 5/01/26 - AMBAC Insured	5/14 at 100
210	Massachusetts Bay Transportation Authority, Assessment Bonds, Series 2000A, 5.250%, 7/01/30	7/10 at 100
450	Massachusetts Bay Transportation Authority, Assessment Bonds, Series 2005A, 5.000%, 7/01/18	7/15 at 100
385	Massachusetts Bay Transportation Authority, Senior Lien Sales Tax Revenue Refunding Bonds, Series 2004C, 5.250%, 7/01/21	No Opt. C
230	Massachusetts College Building Authority, Project Revenue Bonds, Series 2004A, 5.000%, 5/01/19 - MBIA Insured	5/14 at 100
250	Massachusetts College Building Authority, Project Revenue Bonds, Series 2006A, 5.000%, 5/01/31 - AMBAC Insured	5/16 at 100
500	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Series 2005A, 5.000%, 8/15/20 - FSA Insured	8/15 at 100
500	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Series 2007A, 4.750%, 8/15/32 - AMBAC Insured	8/17 at 100
230	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2005, 5.000%, 1/01/20 - FGIC Insured	No Opt. C
500	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.250%, 7/01/30 - AMBAC Insured	No Opt. C
500	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Series 1999A, 6.375%, 10/01/19	10/10 at 101
4,150	Total Tax Obligation/Limited	
	TRANSPORTATION - 6.4% (4.3% OF TOTAL INVESTMENTS)	
800	Massachusetts Port Authority, Revenue Bonds, Series 2005A, 5.000%, 7/01/23 - AMBAC Insured	7/15 at 100
1,000	Massachusetts Port Authority, Special Facilities Revenue Bonds, BOSFUEL Corporation, Series 1997, 5.500%, 7/01/18 - MBIA Insured (Alternative Minimum Tax)	7/07 at 102

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

1,800	Total Transportation	
-------	----------------------	--

	U.S. GUARANTEED - 17.3% (11.7% OF TOTAL INVESTMENTS) (4)	
1,000	Boston, Massachusetts, General Obligation Bonds, Series 2001A, 5.000%, 2/01/20 (Pre-refunded 2/01/11)	2/11 at 100
1,675	Lawrence, Massachusetts, General Obligation Bonds, Series 2001, 5.000%, 2/01/21 (Pre-refunded 2/01/11) - AMBAC Insured	2/11 at 100
500	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2004B, 5.000%, 8/01/24 (Pre-refunded 8/01/14)	8/14 at 100
750	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2004, 5.250%, 1/01/25 (Pre-refunded 1/01/14) - FGIC Insured	1/14 at 100
600	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2003-1, 5.250%, 11/01/18 (Pre-refunded 11/01/13) - AMBAC Insured	11/13 at 100
250	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2004-1, 5.250%, 11/01/24 (Pre-refunded 11/01/14) - AMBAC Insured	11/14 at 100

4,775	Total U.S. Guaranteed	
-------	-----------------------	--

	UTILITIES - 5.7% (3.9% OF TOTAL INVESTMENTS)	
1,070	Massachusetts Development Finance Agency, Resource Recovery Revenue Bonds, SEMass System, Series 2001A, 5.625%, 1/01/14 - MBIA Insured	1/12 at 101
500	Massachusetts Industrial Finance Agency, Resource Recovery Revenue Refunding Bonds, Ogden Haverhill Project, Series 1998A, 5.600%, 12/01/19 (Alternative Minimum Tax)	12/08 at 102

1,570	Total Utilities	
-------	-----------------	--

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

	WATER AND SEWER - 14.0% (9.5% OF TOTAL INVESTMENTS)	
\$ 530	Boston Water and Sewerage Commission, Massachusetts, General Revenue Bonds, Senior Series 2004A, 5.000%, 11/01/25	11/14 at 100
125	Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Series 2005, 6.000%, 7/01/25	7/15 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

500	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 11, 4.500%, 8/01/29	8/15 at 100
400	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 12, 4.375%, 8/01/31	8/16 at 100
500	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Series 2002A, 5.250%, 8/01/20	8/12 at 100
1,405	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Subordinate Series 1999A, 5.750%, 8/01/29	8/09 at 101
250	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2005A, 5.000%, 8/01/28 - MBIA Insured	8/17 at 100
250	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2006A, 4.000%, 8/01/46	8/16 at 100

3,960	Total Water and Sewer	

\$ 40,750	Total Investments (cost \$41,590,201) - 147.6%	
=====		
	Other Assets Less Liabilities - 4.0%	

	Preferred Shares, at Liquidation Value - (51.6)%	

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

FORWARD SWAPS OUTSTANDING AT MAY 31, 2007:

COUNTERPARTY	NOTIONAL AMOUNT	FUND PAY/RECEIVE FLOATING RATE	FLOATING RATE INDEX	FIXED RATE (ANNUALIZED)	FIXED RATE PAYMENT FREQUENCY	EFFE DA
JPMorgan	\$500,000	Pay	3-Month USD-LIBOR	5.388%	Semi-Annually	4/

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

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.

(4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.

(5) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

See accompanying notes to financial statements.

NGX

Nuveen Insured Massachusetts Tax-Free Advantage Municipal Fund
Portfolio of INVESTMENTS

as of 5-31-07

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

EDUCATION AND CIVIC ORGANIZATIONS - 15.2% (10.0% OF TOTAL INVESTMENTS)		
\$ 500	Massachusetts Development Finance Authority, Revenue Bonds, Massachusetts College of Pharmacy and Allied Health Sciences, Series 2003C, 6.375%, 7/01/23	7/13 at 101
1,250	Massachusetts Development Finance Authority, Revenue Bonds, Middlesex School, Series 2003, 5.000%, 9/01/33	9/13 at 100
2,500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Boston College, Series 2003N, 5.125%, 6/01/37	6/13 at 100
1,500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Worcester State College, Series 2002, 5.000%, 11/01/32 - AMBAC Insured	11/12 at 100

5,750	Total Education and Civic Organizations	

HEALTH CARE - 10.5% (6.9% OF TOTAL INVESTMENTS)		
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, CareGroup Inc., Series 1998A, 5.000%, 7/01/25 - MBIA Insured	7/08 at 102
585	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milford Regional Medical Center, Series 2007E, 5.000%, 7/15/32	7/17 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

200	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Milton Hospital Project, Series 2005D, 5.250%, 7/01/30	7/15 at 100
2,500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, New England Medical Center Hospitals, Series 2002H, 5.000%, 5/15/25 - FGIC Insured	5/12 at 100
250	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2005D, 5.000%, 7/01/33	7/15 at 100

4,035	Total Health Care	

HOUSING/MULTIFAMILY - 10.4% (6.8% OF TOTAL INVESTMENTS)

775	Massachusetts Development Finance Authority, Multifamily Housing Revenue Bonds, Emerson Manor Project, Series 2007, 4.800%, 7/20/48 (WI/DD, Settling 6/13/07)	7/17 at 100
2,000	Massachusetts Housing Finance Agency, Housing Bonds, Series 2003H, 5.125%, 6/01/43	12/12 at 100
1,265	Massachusetts Housing Finance Agency, Rental Housing Mortgage Revenue Bonds, Series 2002H, 5.200%, 7/01/42 - FSA Insured	7/12 at 100

4,040	Total Housing/Multifamily	

LONG-TERM CARE - 4.9% (3.3% OF TOTAL INVESTMENTS)

1,750	Massachusetts Development Finance Authority, GNMA Collateralized Revenue Bonds, Neville Communities, Series 2002A, 6.000%, 6/20/44	12/12 at 105
-------	--	--------------

TAX OBLIGATION/GENERAL - 26.9% (17.7% OF TOTAL INVESTMENTS)

1,280	Littleton, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 1/15/21 - FGIC Insured	1/13 at 101
1,000	Malden, Massachusetts, General Obligation Bonds, Series 2005, 5.000%, 8/01/16 - FGIC Insured	No Opt. C
3,000	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2004B, 5.250%, 8/01/21 - FSA Insured	No Opt. C
1,025	Maynard, Massachusetts, General Obligation Bonds, Series 2003, 5.500%, 2/01/19 - MBIA Insured	2/13 at 101
1,705	North Attleborough, Massachusetts, General Obligation Bonds, Series 2004, 5.000%, 7/15/15 - FGIC Insured	7/14 at 101

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
TAX OBLIGATION/GENERAL (continued)		
\$ 1,500	Pittsfield, Massachusetts, General Obligation Bonds, Series 2002, 5.000%, 4/15/18 - MBIA Insured	4/12 at 100
300	Woburn, Massachusetts, General Obligation Bonds, Series 2005, 5.000%, 11/15/19 - MBIA Insured	11/15 at 100
9,810	Total Tax Obligation/General	
TAX OBLIGATION/LIMITED - 26.9% (17.7% OF TOTAL INVESTMENTS)		
3,000	Martha's Vineyard Land Bank, Massachusetts, Revenue Bonds, Series 2002, 5.000%, 5/01/32 - AMBAC Insured	5/13 at 100
2,790	Massachusetts College Building Authority, Project Revenue Refunding Bonds, Series 2003A, 5.250%, 5/01/22 - XLCA Insured	5/13 at 100
1,475	Massachusetts Development Finance Authority, Revenue Bonds, 100 Cambridge Street Redevelopment, M/SRBC Project, Series 2002A: 5.125%, 8/01/28 - MBIA Insured	2/12 at 100
1,500	5.125%, 2/01/34 - MBIA Insured	2/12 at 100
1,100	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Series 2007A, 4.750%, 8/15/32 - AMBAC Insured	8/17 at 100
300	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2005, 5.000%, 1/01/20 - FGIC Insured	No Opt. C
10,165	Total Tax Obligation/Limited	
TRANSPORTATION - 2.7% (1.8% OF TOTAL INVESTMENTS)		
1,000	Massachusetts Port Authority, Revenue Bonds, Series 2003A, 5.000%, 7/01/33 - MBIA Insured	7/13 at 100
U.S. GUARANTEED - 40.8% (26.9% OF TOTAL INVESTMENTS) (4)		
2,000	Massachusetts Bay Transportation Authority, Senior Sales Tax Revenue Refunding Bonds, Series 2002A, 5.000%, 7/01/27 (Pre-refunded 7/01/12) - FGIC Insured	7/12 at 100
705	Massachusetts Port Authority, Revenue Bonds, Series 1982, 13.000%, 7/01/13 (ETM)	7/07 at 100
2,000	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2001D, 5.000%, 11/01/20 (Pre-refunded 11/01/11) - MBIA Insured	11/11 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

2,145	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2003A, 5.250%, 1/01/18 (Pre-refunded 1/01/13) - AMBAC Insured	1/13 at 100
1,000	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2004, 5.250%, 1/01/21 (Pre-refunded 1/01/14) - FGIC Insured	1/14 at 100
1,500	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2000HH, 5.250%, 7/01/29 (Pre-refunded 7/01/10) - FSA Insured	7/10 at 101
500	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2002II, 5.125%, 7/01/26 (Pre-refunded 7/01/12) - FSA Insured	7/12 at 101
3,000	Springfield, Massachusetts, General Obligation Bonds, Series 2003, 5.250%, 1/15/22 (Pre-refunded 1/15/13) - MBIA Insured	1/13 at 100
2,140	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2004-1, 5.375%, 11/01/21 (Pre-refunded 11/01/14) - AMBAC Insured	11/14 at 100
14,990	Total U.S. Guaranteed	

WATER AND SEWER - 13.5% (8.9% OF TOTAL INVESTMENTS)

1,900	Lynn Water and Sewer Commission, Massachusetts, General Revenue Bonds, Series 2003A, 5.000%, 12/01/32 - MBIA Insured	12/13 at 100
600	Massachusetts Water Pollution Abatement Trust, Pooled Loan Program Bonds, Series 12, 4.375%, 8/01/31	8/16 at 100

55

NGX

Nuveen Insured Massachusetts Tax-Free Advantage Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
WATER AND SEWER (continued)		
\$ 1,000	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2002J, 5.250%, 8/01/19 - FSA Insured	No Opt. C
1,000	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2004D, 5.000%, 8/01/24 - MBIA Insured	8/13 at 100
125	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2006A, 4.000%, 8/01/46	8/16 at 100
495	Springfield Water and Sewerage Commission, Massachusetts,	7/14 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

General Revenue Bonds, Series 2003A, 5.000%, 7/01/16 -
 MBIA Insured

5,120	Total Water and Sewer
\$ 56,660	Total Investments (cost \$58,097,568) - 151.8%

Other Assets Less Liabilities - 0.2%

Preferred Shares, at Liquidation Value - (52.0)%

Net Assets Applicable to Common Shares - 100%

At least 80% of the Fund's net assets (including net assets attributable to Preferred shares) are invested in municipal securities that are either covered by Original Issue Insurance, Secondary Market Insurance or Portfolio Insurance which ensures the timely payment of principal and interest. Up to 20% of the Fund's net assets (including net assets attributable to Preferred shares) may be invested in municipal securities that are (i) either backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities (also ensuring the timely payment of principal and interest), or (ii) rated, at the time of investment, within the four highest grades (Baa or BBB or better by Moody's, S&P or Fitch) or unrated but judged to be of comparable quality by the Adviser.

- (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 (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.

See accompanying notes to financial statements.

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

NOM

Nuveen Missouri Premium Income Municipal Fund
Portfolio of INVESTMENTS

as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
CONSUMER STAPLES - 3.3% (2.2% OF TOTAL INVESTMENTS)		
\$ 1,000	Missouri Development Finance Board, Solid Waste Disposal Revenue Bonds, Procter and Gamble Inc., Series 1999, 5.200%, 3/15/29 (Alternative Minimum Tax)	No Opt. C

EDUCATION AND CIVIC ORGANIZATIONS - 2.7% (1.8% OF TOTAL INVESTMENTS)		
500	Missouri Health and Educational Facilities Authority, Revenue Bonds, St. Louis Priory School, Series 2000, 5.650%, 2/01/25	2/08 at 101
365	Missouri Health and Educational Facilities Authority, Revenue Bonds, Webster University, Series 2001, 5.500%, 4/01/18 - MBIA Insured	4/11 at 100

865	Total Education and Civic Organizations	

HEALTH CARE - 19.0% (12.4% OF TOTAL INVESTMENTS)		
710	Cape Girardeau County Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Southeast Missouri Hospital Association, Series 2007, 5.000%, 6/01/27	6/17 at 100
480	Clinton County Industrial Development Authority, Missouri, Revenue Bonds, Cameron Regional Medical Center, Series 2007, 5.000%, 12/01/37	12/17 at 100
750	Joplin Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, Freeman Health System, Series 2004, 5.500%, 2/15/29	2/15 at 102
500	Missouri Health & Educational Facilities Authority, Saint Lukes Episcopal-Presbyterian Hospitals Revenue Bonds, Series 2001, 5.250%, 12/01/26 - FSA Insured	6/11 at 101
	Missouri Health and Educational Facilities Authority, Revenue Bonds, BJC Health System, Series 2003:	
1,500	5.125%, 5/15/25	5/13 at 100
1,155	5.250%, 5/15/32	5/13 at 100
425	Missouri Health and Educational Facilities Authority, Revenue Bonds, Lake Regional Health System, Series 1996, 6.500%, 2/15/21	8/07 at 101
500	Missouri Health and Educational Facilities Authority, Revenue	2/14 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Bonds, Lake Regional Health System, Series 2003,
5.700%, 2/15/34

6,020	Total Health Care	
HOUSING/MULTIFAMILY - 6.8% (4.5% OF TOTAL INVESTMENTS)		
550	Missouri Housing Development Commission, Multifamily Housing Revenue Bonds, Series 2001II, 5.250%, 12/01/16	12/11 at 100
500	St. Charles County Industrial Development Authority, Missouri, FHA-Insured Multifamily Housing Revenue Bonds, Ashwood Apartments, Series 1998A, 5.600%, 4/01/30 - FSA Insured (Alternative Minimum Tax)	4/08 at 102
545	St. Louis County Industrial Development Authority, Missouri, GNMA Collateralized Multifamily Housing Revenue Refunding Bonds, South Summit Apartments, Series 1997A, 5.950%, 4/20/17	10/07 at 102
600	St. Louis County Industrial Development Authority, Missouri, GNMA Collateralized Multifamily Housing Revenue Refunding Bonds, South Summit Apartments, Series 1997B, 6.000%, 10/20/15 (Alternative Minimum Tax)	10/07 at 102
2,195	Total Housing/Multifamily	

57

NOM

Nuveen Missouri Premium Income Municipal Fund (continued)
Portfolio of INVESTMENTS as of 5-31-07

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
HOUSING/SINGLE FAMILY - 8.9% (5.8% OF TOTAL INVESTMENTS)		
\$ 50	Missouri Housing Development Commission, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 1995C, 7.250%, 9/01/26 (Alternative Minimum Tax)	9/07 at 104
110	Missouri Housing Development Commission, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 2000B-1, 6.250%, 3/01/31 (Alternative Minimum Tax)	3/10 at 100
750	Missouri Housing Development Commission, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 2006E-1, 5.600%, 3/01/37 (Alternative Minimum Tax)	3/16 at 104
1,000	Missouri Housing Development Commission, Single Family Mortgage Revenue Bonds, Homeownership Loan Program, Series 2007A-1, 4.700%, 9/01/27 (Alternative Minimum Tax)	9/16 at 100
1,000	Missouri Housing Development Commission, Single Family	3/17 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Mortgage Revenue Bonds, Homeownership Loan Program,
Series 2007C-1, 4.800%, 9/01/38 (Alternative Minimum Tax)

2,910 Total Housing/Single Family

LONG-TERM CARE - 7.0% (4.6% OF TOTAL INVESTMENTS)

1,750 Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior Services - Heisinger Project, Series 2004, 5.500%, 2/01/35 2/14 at 100

475 Lees Summit Industrial Development Authority, Missouri, Revenue Bonds, John Knox Village Obligated Group, Series 2007A, 5.125%, 8/15/32 8/17 at 100

2,225 Total Long-Term Care

MATERIALS - 2.4% (1.6% OF TOTAL INVESTMENTS)

750 Sugar Creek, Missouri, Industrial Development Revenue Bonds, Lafarge North America Inc., Series 2003A, 5.650%, 6/01/37 (Alternative Minimum Tax) 6/13 at 101

TAX OBLIGATION/GENERAL - 28.4% (18.5% OF TOTAL INVESTMENTS)

300 Branson Reorganized School District R-4, Taney County, Missouri, General Obligation Bonds, Series 2005, 5.000%, 3/01/25 - FSA Insured 3/15 at 100

1,500 Camdenton Reorganized School District R3, Camden County, Missouri, General Obligation Bonds, Series 2005, 5.250%, 3/01/24 - FSA Insured No Opt. C

500 Jackson County School District R-7, Lees Summit, Missouri, General Obligation Refunding and Improvement Bonds, Series 2002, 5.250%, 3/01/18 - FSA Insured 3/12 at 100

1,630 North Kansas City School District, Missouri, General Obligation Bonds, Series 2003A, 5.000%, 3/01/23 3/13 at 100

1,000 Puerto Rico, General Obligation and Public Improvement Bonds, Series 2001A, 5.500%, 7/01/20 - MBIA Insured No Opt. C

2,020 Ritenour Consolidated School District, St. Louis County, Missouri, General Obligation Bonds, Series 1995, 7.375%, 2/01/12 - FGIC Insured No Opt. C

1,405 St. Louis Board of Education, Missouri, General Obligation Refunding Bonds, Series 2003A, 5.000%, 4/01/19 - FSA Insured 4/13 at 100

270 St. Louis County Pattonville School District R3, Missouri, General Obligation Bonds, Series 2004, 5.250%, 3/01/20 - FSA Insured 3/14 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

8,625 Total Tax Obligation/General

TAX OBLIGATION/LIMITED - 30.3% (19.8% OF TOTAL INVESTMENTS)

600	Chesterfield, Missouri, Certificates of Participation, Series 2005, 5.000%, 12/01/24 - FGIC Insured	12/15 at 100
80	Cottleville, Missouri, Certificates of Participation, Series 2006, 5.250%, 8/01/31	8/14 at 100
490	Fenton, Missouri, Tax Increment Revenue Bonds, Gravois Bluffs Redevelopment Project, Series 2006, 4.500%, 4/01/21	4/14 at 100

58

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

TAX OBLIGATION/LIMITED (continued)

\$	315	Fulton, Missouri, Tax Increment Revenue Bonds, Fulton Commons Redevelopment Project, Series 2006, 5.000%, 6/01/28	6/16 at 100
	475	Kansas City Tax Increment Financing District, Missouri, Tax Increment Revenue Bonds, Briarcliff West Project, Series 2006A, 5.400%, 6/01/24	6/14 at 102
	415	Missouri Development Finance Board, Independence, Infrastructure Facilities Revenue Bonds, Crackerneck Creek Project, Series 2006C, 5.000%, 3/01/28	3/16 at 100
	360	Missouri Development Finance Board, Infrastructure Facilities Revenue Bonds, Branson Landing Project, Series 2005A, 5.000%, 6/01/35	6/15 at 100
	450	Monarch-Chesterfield Levee District, St. Louis County, Missouri, Levee District Improvement Bonds, Series 1999, 5.750%, 3/01/19 - MBIA Insured	3/10 at 101
	500	Osage Beach, Missouri, Tax Increment Revenue Bonds, Prewitts Point Transportation Development District, Series 2006, 5.000%, 5/01/23	5/12 at 102
	1,135	Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series 2002E, 6.000%, 8/01/26 - AGC Insured	No Opt. C
	200	Riverside Industrial Development Authority, Missouri, Industrial Development Revenue Bonds, Riverside Horizon, Series 2007A, 5.000%, 5/01/27 - ACA Insured	5/17 at 100
	600	Riverside, Missouri, L-385 Levee Redevelopment Plan Tax Increment Revenue Bonds, Series 2004, 5.250%, 5/01/20	5/15 at 100
	1,380	Springfield Center City Development Corporation, Missouri, Lease Revenue Bonds, Jordan Valley Park Parking Garage,	11/11 at 100

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Series 2002D, 5.000%, 11/01/22 - AMBAC Insured

2,000	Springfield Public Building Corporation, Missouri, Lease Revenue Bonds, Jordan Valley Park Projects, Series 2000A, 6.125%, 6/01/21 - AMBAC Insured	6/10 at 100
400	St. Joseph Industrial Development Authority, Missouri, Tax Increment Bonds, Shoppes at North Village Project, Series 2005A, 5.500%, 11/01/27	11/14 at 100

9,400 Total Tax Obligation/Limited

TRANSPORTATION - 4.8% (3.1% OF TOTAL INVESTMENTS)

500	Kansas City, Missouri, Passenger Facility Charge Revenue Bonds, Kansas City International Airport, Series 2001, 5.000%, 4/01/23 - AMBAC Insured (Alternative Minimum Tax)	4/11 at 101
1,000	St. Louis Land Clearance Redevelopment Authority, Missouri, Revenue Refunding and Improvement Bonds, LCRA Parking Facilities, Series 1999C, 7.000%, 9/01/19	9/09 at 102

1,500 Total Transportation

U.S. GUARANTEED - 24.3% (15.8% OF TOTAL INVESTMENTS) (4)

685	Fenton, Missouri, Tax Increment Refunding and Improvement Revenue Bonds, Gravois Bluffs Redevelopment Project, Series 2002, 6.125%, 10/01/21 (Pre-refunded 10/01/12)	10/12 at 100
50	Lees Summit Industrial Development Authority, Missouri, Health Facilities Revenue Bonds, John Knox Village, Series 1999, 6.000%, 8/15/17 (Pre-refunded 8/15/09)	8/09 at 101
625	Missouri Health and Educational Facilities Authority, Revenue Bonds, Maryville University of St. Louis, Series 2000, 6.750%, 6/15/30 (Pre-refunded 6/15/10)	6/10 at 100
2,500	Missouri Health and Educational Facilities Authority, Revenue Bonds, SSM Healthcare System, Series 2001A, 5.250%, 6/01/28 (Pre-refunded 6/01/11) - AMBAC Insured	6/11 at 101
1,000	Missouri Health and Educational Facilities Authority, Revenue Bonds, St. Anthony's Medical Center, Series 2000, 6.250%, 12/01/30 (Pre-refunded 12/01/10)	12/10 at 101
80	St. Louis County Pattonville School District R3, Missouri, General Obligation Bonds, Series 2004, 5.250%, 3/01/20 (Pre-refunded 3/01/14) - FSA Insured	3/14 at 100
500	St. Louis County, Missouri, GNMA Collateralized Mortgage Revenue Bonds, Series 1993D, 5.650%, 7/01/20 (Alternative Minimum Tax) (ETM)	No Opt. C

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

NOM

Nuveen Missouri Premium Income Municipal Fund (continued)
 Portfolio of INVESTMENTS as of 5-31-07

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

TAX OBLIGATION/LIMITED (continued)		
\$ 1,000	St. Louis Municipal Finance Corporation, Missouri, Leasehold Revenue Bonds, Carnahan Courthouse, Series 2002A, 5.750%, 2/15/16 (Pre-refunded 2/15/12) - FGIC Insured	2/12 at 100
950	Texas County, Missouri, Hospital Revenue Bonds, Texas County Memorial Hospital, Series 2000, 7.250%, 6/15/25 (Pre-refunded 6/15/10)	6/10 at 100

7,390	Total U.S. Guaranteed	

WATER AND SEWER - 15.2% (9.9% OF TOTAL INVESTMENTS)		
640	Metropolitan St. Louis Sewerage District, Missouri, Revenue Bonds, Wastewater System, Series 2004A, 5.000%, 5/01/20 - MBIA Insured	5/14 at 100
2,965	Missouri Environmental Improvement and Energy Resources Authority, Water Facility Revenue Bonds, Missouri-American Water Company, Series 2006, 4.600%, 12/01/36 - AMBAC Insured (Alternative Minimum Tax) (UB)	12/16 at 100
1,000	Missouri Environmental Improvement and Energy Resources Authority, Water Pollution Control and Drinking Water Revenue Bonds, Series 2003B, 5.125%, 1/01/21	1/13 at 100
350	Missouri Environmental Improvement and Energy Resources Authority, Water Pollution Control Revenue Bonds, State Revolving Fund Program - Kansas City Project, Series 1997C, 6.750%, 1/01/12	No Opt. C

4,955	Total Water and Sewer	

\$ 47,835	Total Investments (cost \$48,605,748) - 153.1%	
=====		
Floating Rate Obligation - (6.0)%		

Other Assets Less Liabilities - 1.6%		

Preferred Shares, at Liquidation Value - (48.7)%		

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

(1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.

- (2) Optional Call Provisions (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
 - (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
- N/R Not rated.
- (ETM) Escrowed to maturity.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction pursuant to the provisions of SFAS No. 140.

See accompanying notes to financial statements.

60

Statement of
ASSETS & LIABILITIES

	May 31, 2007	
	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)

ASSETS		
Investments, at value (cost \$111,190,476, \$55,218,349, \$49,452,258 and \$91,413,059, respectively)	\$113,931,700	\$56,953,452
Cash	159,574	--
Receivables:		
Interest	1,691,539	764,214
Investments sold	145,000	70,000
Other assets	8,643	7,713

Total assets	115,936,456	57,795,379

LIABILITIES		
Cash overdraft	--	34,749
Floating rate obligations	--	--
Payable for investments purchased	317,224	156,012

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Unrealized depreciation on forward swaps	47,886	37,677
Accrued expenses:		
Management fees	62,352	21,242
Other	35,006	18,782
Preferred share dividends payable	22,766	2,672

Total liabilities	485,234	271,134

Preferred shares, at liquidation value	38,300,000	19,500,000

Net assets applicable to Common shares	\$ 77,151,222	\$38,024,245
=====		
Common shares outstanding	5,360,061	2,576,013
=====		
Net asset value per Common share outstanding (net assets applicable to Common shares, divided by Common shares outstanding)	\$ 14.39	\$ 14.76
=====		
NET ASSETS APPLICABLE TO COMMON SHARES CONSIST OF:		

Common shares, \$.01 par value per share	\$ 53,601	\$ 25,760
Paid-in surplus	74,471,105	36,539,270
Undistributed (Over-distribution of) net investment income	(13,624)	(44,395)
Accumulated net realized gain (loss) from investments and derivative transactions	(53,198)	(193,816)
Net unrealized appreciation (depreciation) of investments and derivative transactions	2,693,338	1,697,426

Net assets applicable to Common shares	\$ 77,151,222	\$38,024,245
=====		
Authorized shares:		
Common	Unlimited	Unlimited
Preferred	Unlimited	Unlimited
=====		

See accompanying notes to financial statements.

61

Statement of
ASSETS & LIABILITIES (continued)

May 31, 2007

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)

ASSETS		
Investments, at value (cost \$99,814,892, \$41,590,201, \$58,097,568 and \$48,605,748, respectively)	\$103,069,672	\$42,907,585
Cash	311,281	240,649
Receivables:		
Interest	1,556,346	698,413
Investments sold	90,000	840,000
Other assets	6,633	7,664

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Total assets	105,033,932	44,694,311

LIABILITIES		
Cash overdraft	--	--
Floating rate obligations	--	--
Payable for investments purchased	1,570,792	570,988
Unrealized depreciation on forward swaps	39,197	15,679
Accrued expenses:		
Management fees	55,789	16,275
Other	31,616	17,284
Preferred share dividends payable	13,042	2,300

Total liabilities	1,710,436	622,526

Preferred shares, at liquidation value	34,000,000	15,000,000

Net assets applicable to Common shares	\$ 69,323,496	\$29,071,785
=====		
Common shares outstanding	4,762,396	1,958,685
=====		
Net asset value per Common share outstanding (net assets applicable to Common shares, divided by Common shares outstanding)	\$ 14.56	\$ 14.84
=====		
NET ASSETS APPLICABLE TO COMMON SHARES CONSIST OF:		

Common shares, \$.01 par value per share	\$ 47,624	\$ 19,587
Paid-in surplus	66,129,814	27,733,890
Undistributed (Over-distribution of) net investment income	(55,735)	(33,440)
Accumulated net realized gain (loss) from investments and derivative transactions	(13,790)	50,043
Net unrealized appreciation (depreciation) of investments and derivative transactions	3,215,583	1,301,705

Net assets applicable to Common shares	\$ 69,323,496	\$29,071,785
=====		
Authorized shares:		
Common	Unlimited	Unlimited
Preferred	Unlimited	Unlimited
=====		

See accompanying notes to financial statements.

62

Statement of
OPERATIONS

Year Ended May 31, 2007

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)
INVESTMENT INCOME	\$ 5,397,200	\$2,716,928

EXPENSES		
Management fees	739,815	367,813

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Preferred shares -- auction fees	95,750	48,749
Preferred shares -- dividend disbursing agent fees	10,000	10,000
Shareholders' servicing agent fees and expenses	11,642	1,483
Floating rate obligations interest expense and fees	--	--
Custodian's fees and expenses	34,730	23,010
Trustees' fees and expenses	2,780	1,424
Professional fees	13,893	11,672
Shareholders' reports -- printing and mailing expenses	17,968	10,032
Stock exchange listing fees	9,791	219
Investor relations expense	15,979	7,525
Other expenses	15,776	13,553

Total expenses before custodian fee credit and expense reimbursement	968,124	495,480
Custodian fee credit	(18,847)	(8,337)
Expense reimbursement	--	(135,231)

Net expenses	949,277	351,912

Net investment income	4,447,923	2,365,016

REALIZED AND UNREALIZED GAIN (LOSS)		
Net realized gain (loss) from investments	72,769	124,379
Net realized gain (loss) from forward swaps	--	--
Net realized gain (loss) from futures	28,706	(18,408)
Change in net unrealized appreciation (depreciation) of investments	346,705	38,540
Change in net unrealized appreciation (depreciation) of forward swaps	(47,886)	(37,677)

Net realized and unrealized gain (loss)	400,294	106,834

DISTRIBUTIONS TO PREFERRED SHAREHOLDERS		
From net investment income	(1,082,148)	(569,903)
From accumulated net realized gains	(74,762)	--

Decrease in net assets applicable to Common shares from distributions to Preferred shareholders	(1,156,910)	(569,903)

Net increase (decrease) in net assets applicable to Common shares from operations	\$ 3,691,307	\$1,901,947
=====		

See accompanying notes to financial statements.

63

Statement of
OPERATIONS (continued)

Year Ended May 31, 2007

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)

INVESTMENT INCOME	\$ 5,041,884	\$2,106,403

EXPENSES		
Management fees	660,465	281,997

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Preferred shares -- auction fees	85,001	37,500
Preferred shares -- dividend disbursing agent fees	10,000	10,000
Shareholders' servicing agent fees and expenses	6,810	547
Floating rate obligations interest expense and fees	--	--
Custodian's fees and expenses	30,669	18,999
Trustees' fees and expenses	2,595	1,209
Professional fees	13,639	11,318
Shareholders' reports -- printing and mailing expenses	18,363	9,484
Stock exchange listing fees	9,791	166
Investor relations expense	14,190	5,712
Other expenses	14,221	12,673

Total expenses before custodian fee credit and expense reimbursement	865,744	389,605
Custodian fee credit	(6,084)	(6,673)
Expense reimbursement	--	(103,678)

Net expenses	859,660	279,254

Net investment income	4,182,224	1,827,149

REALIZED AND UNREALIZED GAIN (LOSS)		
Net realized gain (loss) from investments	(13,789)	55,772
Net realized gain (loss) from forward swaps	--	--
Net realized gain (loss) from futures	--	--
Change in net unrealized appreciation (depreciation) of investments	713,731	86,124
Change in net unrealized appreciation (depreciation) of forward swaps	(39,197)	(15,679)

Net realized and unrealized gain (loss)	660,745	126,217

DISTRIBUTIONS TO PREFERRED SHAREHOLDERS		
From net investment income	(1,116,532)	(479,691)
From accumulated net realized gains	(5,552)	--

Decrease in net assets applicable to Common shares from distributions to Preferred shareholders	(1,122,084)	(479,691)

Net increase (decrease) in net assets applicable to Common shares from operations	\$ 3,720,885	\$1,473,675
=====		

See accompanying notes to financial statements.

64

Statement of
CHANGES in NET ASSETS

	CONNECTICUT PREMIUM INCOME (NTC)		CONNECTICUT DIVIDEND ADVANTAGE (NFC)	
	YEAR ENDED 5/31/07	YEAR ENDED 5/31/06	YEAR ENDED 5/31/07	YEAR ENDED 5/31/06

OPERATIONS				
Net investment income	\$ 4,447,923	\$ 4,510,683	\$ 2,365,016	\$ 2,376,879
Net realized gain (loss) from investments	72,769	1,038,893	124,379	162,050
Net realized gain (loss) from				

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

forward swaps	--	--	--	(31,610)
Net realized gain (loss) from futures	28,706	--	(18,408)	--
Change in net unrealized appreciation (depreciation) of investments	346,705	(3,933,261)	38,540	(1,588,460)
Change in net unrealized appreciation (depreciation) of forward swaps	(47,886)	--	(37,677)	33,381
Distributions to Preferred Shareholders:				
From net investment income	(1,082,148)	(768,349)	(569,903)	(435,046)
From accumulated net realized gains	(74,762)	(136,473)	--	--

Net increase (decrease) in net assets applicable to Common shares from operations	3,691,307	711,493	1,901,947	517,194

DISTRIBUTIONS TO COMMON SHAREHOLDERS				
From net investment income	(3,464,778)	(3,998,729)	(1,872,256)	(2,175,963)
From accumulated net realized gains	(372,181)	(1,198,895)	--	--

Decrease in net assets applicable to Common shares from distributions to Common shareholders	(3,836,959)	(5,197,624)	(1,872,256)	(2,175,963)

CAPITAL SHARE TRANSACTIONS				
Net proceeds from Common shares issued to shareholders due to reinvestment of distributions	18,479	235,372	89,571	99,657

Net increase in net assets applicable to Common shares from capital share transactions	18,479	235,372	89,571	99,657

Net increase (decrease) in net assets applicable to Common shares	(127,173)	(4,250,759)	119,262	(1,559,112)
Net assets applicable to Common shares at the beginning of year	77,278,395	81,529,154	37,904,983	39,464,095

Net assets applicable to Common shares at the end of year	\$77,151,222	\$77,278,395	\$38,024,245	\$37,904,983
=====				
Undistributed (Over-distribution of) net investment income at the end of year	\$ (13,624)	\$ 86,674	\$ (44,395)	\$ 32,924
=====				

See accompanying notes to financial statements.

Statement of
CHANGES in NET ASSETS (continued)

CONNECTICUT
DIVIDEND ADVANTAGE 3 (NGO)

MASSACHUSETTS PREMIUM
INCOME (NMT)

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	YEAR ENDED 5/31/07	YEAR ENDED 5/31/06	YEAR ENDED 5/31/07	YEAR ENDED 5/31/06
OPERATIONS				
Net investment income	\$ 3,733,076	\$ 3,661,633	\$ 4,182,224	\$ 4,204,930
Net realized gain (loss)				
from investments	(42,201)	142,433	(13,789)	555,694
Net realized gain (loss) from forward swaps	--	(181,623)	--	--
Net realized gain (loss) from futures	(14,700)	--	--	--
Change in net unrealized appreciation (depreciation) of investments	617,398	(2,545,916)	713,731	(2,946,941)
Change in net unrealized appreciation (depreciation) of forward swaps	(3,949)	233,665	(39,197)	--
Distributions to Preferred Shareholders:				
From net investment income	(992,233)	(798,637)	(1,116,532)	(838,696)
From accumulated net realized gains	--	--	(5,552)	(21,978)
Net increase (decrease) in net assets applicable to Common shares from operations	3,297,391	511,555	3,720,885	953,009
DISTRIBUTIONS TO COMMON SHAREHOLDERS				
From net investment income	(2,798,715)	(3,135,629)	(3,183,927)	(3,856,188)
From accumulated net realized gains	--	--	(23,558)	(211,089)
Decrease in net assets applicable to Common shares from distributions to Common shareholders	(2,798,715)	(3,135,629)	(3,207,485)	(4,067,277)
CAPITAL SHARE TRANSACTIONS				
Net proceeds from Common shares issued to shareholders due to reinvestment of distributions	--	125,585	33,601	243,110
Net increase in net assets applicable to Common shares from capital share transactions	--	125,585	33,601	243,110
Net increase (decrease) in net assets applicable to Common shares	498,676	(2,498,489)	547,001	(2,871,158)
Net assets applicable to Common shares at the beginning of year	61,825,989	64,324,478	68,776,495	71,647,653
Net assets applicable to Common shares at the end of year	\$62,324,665	\$61,825,989	\$69,323,496	\$68,776,495
Undistributed (Over-distribution of) net investment income at the end of year	\$ (183,233)	\$ (125,361)	\$ (55,735)	\$ 62,905

See accompanying notes to financial statements.

	INSURED MASSACHUSETTS TAX-FREE ADVANTAGE (NGX)	
	YEAR ENDED 5/31/07	YEAR ENDED 5/31/06

OPERATIONS		
Net investment income	\$ 2,460,127	\$ 2,456,151
Net realized gain (loss) from investments	27,964	143,049
Net realized gain (loss) from forward swaps	27,938	(256,863)
Net realized gain (loss) from futures	--	--
Change in net unrealized appreciation (depreciation) of investments	246,559	(1,806,995)
Change in net unrealized appreciation (depreciation) of forward swaps	(117,661)	477,230
Distributions to Preferred Shareholders:		
From net investment income	(671,046)	(544,231)
From accumulated net realized gains	--	--

Net increase (decrease) in net assets applicable to Common shares from operations	1,973,881	468,341

DISTRIBUTIONS TO COMMON SHAREHOLDERS		
From net investment income	(1,694,504)	(1,943,091)
From accumulated net realized gains	--	--

Decrease in net assets applicable to Common shares from distributions to Common shareholders	(1,694,504)	(1,943,091)

CAPITAL SHARE TRANSACTIONS		
Net proceeds from Common shares issued to shareholders due to reinvestment of distributions	--	42,322

Net increase in net assets applicable to Common shares from capital share transactions	--	42,322

Net increase (decrease) in net assets applicable to Common shares	279,377	(1,432,428)
Net assets applicable to Common shares at the beginning of year	39,178,806	40,611,234

Net assets applicable to Common shares at the end of year	\$39,458,183	\$39,178,806
=====		
Undistributed (Over-distribution of) net investment income at the end of year	\$ (49,118)	\$ (143,695)
=====		

See accompanying notes to financial statements.

Notes to
FINANCIAL STATEMENTS

1. GENERAL INFORMATION AND SIGNIFICANT ACCOUNTING POLICIES

The funds (the "Funds") covered in this report and their corresponding Common share stock exchange symbols are Nuveen Connecticut Premium Income Municipal Fund (NTC), Nuveen Connecticut Dividend Advantage Municipal Fund (NFC), Nuveen Connecticut Dividend Advantage Municipal Fund 2 (NGK), Nuveen Connecticut Dividend Advantage Municipal Fund 3 (NGO), Nuveen Massachusetts Premium Income Municipal Fund (NMT), Nuveen Massachusetts Dividend Advantage Municipal Fund (NMB), Nuveen Insured Massachusetts Tax-Free Advantage Municipal Fund (NGX) and Nuveen Missouri Premium Income Municipal Fund (NOM). Common shares of Connecticut Premium Income (NTC) and Massachusetts Premium Income (NMT) are traded on the New York Stock Exchange while Common shares of Connecticut Dividend Advantage (NFC), Connecticut Dividend Advantage 2 (NGK), Connecticut Dividend Advantage 3 (NGO), Massachusetts Dividend Advantage (NMB), Insured Massachusetts Tax-Free Advantage (NGX) and Missouri Premium Income (NOM) are traded on the American Stock Exchange. The Funds are registered under the Investment Company Act of 1940, as amended, as closed-end management investment companies.

Each Fund seeks to provide current income exempt from both regular federal and designated state income taxes, and in the case of Insured Massachusetts Tax-Free Advantage (NGX) the alternative minimum tax applicable to individuals, by investing primarily in a diversified portfolio of municipal obligations issued by state and local government authorities within a single state or certain U.S. territories.

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

Investment Valuation

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

Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from transactions are determined on the specific identification method. Investments purchased on a when-issued/delayed delivery basis may have extended settlement periods. Any investments so purchased are subject to market fluctuation during this period. The Funds have instructed the custodian to segregate assets with a current value at least equal to the amount of the when-issued/delayed delivery purchase commitments. At May 31, 2007, Connecticut Premium Income (NTC), Connecticut Dividend Advantage (NFC), Connecticut Dividend Advantage 2 (NGK), Connecticut Dividend Advantage 3 (NGO), Massachusetts Premium Income (NMT), Massachusetts Dividend Advantage (NMB) and Insured Massachusetts Tax-Free Advantage (NGX) had outstanding when-issued/delayed delivery purchase commitments of \$317,224, \$156,012, \$140,411, \$260,020, \$1,337,314, \$570,988 and \$776,343, respectively. There were no such outstanding purchase commitments in Missouri Premium Income (NOM) at May 31, 2007.

Investment Income

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

68

Income Taxes

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

Dividends and Distributions to Common Shareholders

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

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

Preferred Shares

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

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Preferred shares outstanding for each Fund is as follows:

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONN DI ADVAN
Number of shares:			
Series T	--	780	
Series W	--	--	
Series TH	1,532	--	
Series F	--	--	

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
Number of shares:			
Series T	--	600	
Series W	--	--	
Series TH	1,360	--	
Series F	--	--	

Insurance

Insured Massachusetts Tax-Free Advantage (NGX) invests at least 80% of its net assets (including net assets attributable to Preferred shares) in municipal securities that are covered by insurance. The Fund may also invest up to 20% of its net assets (including net assets attributable to Preferred shares) in municipal securities which are either (i) backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, or (ii) rated, at the time of investment, within the four highest grades (Baa or BBB or better by Moody's, S&P or Fitch) or unrated but judged to be of comparable quality by Nuveen Asset Management (the "Adviser").

Each insured municipal security is covered by Original Issue Insurance, Secondary Market Insurance or Portfolio Insurance. Such insurance does not guarantee the market value of the municipal securities or the value of the Fund's Common shares. Original Issue Insurance and Secondary Market Insurance remain in effect as long as the municipal securities covered thereby remain outstanding and the insurer remains in business, regardless of whether the Fund ultimately disposes of such municipal securities. Consequently, the market value of the municipal securities covered by Original Issue Insurance or Secondary Market Insurance may reflect value attributable to the insurance. Portfolio Insurance, in contrast, is effective only while the municipal securities are held by the Fund. Accordingly, neither the prices used in determining the market value of the underlying municipal securities nor

the Common share net asset value of the Fund includes value, if any,

attributable to the Portfolio Insurance. Each policy of the Portfolio Insurance does, however, give the Fund the right to obtain permanent insurance with respect to the municipal security covered by the Portfolio Insurance policy at the time of its sale.

Inverse Floating Rate Securities

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

A Fund may purchase an inverse floating rate security in a secondary market transaction without first owning the underlying bond (referred to as an "externally-deposited inverse floater"), or instead by first selling a fixed-rate bond to a broker-dealer deposit into the special purpose trust and receiving in turn the residual interest in the trust (referred to as a "self-deposited inverse floater"). An investment in an externally-deposited inverse floater is identified in the Portfolio of Investments as an "Inverse floating rate investment". An investment in a self-deposited inverse floater is accounted for as a financing transaction in accordance with Statement of Financial Accounting Standards (SFAS) No. 140 "Accounting for Transfers and Servicing of Financial Assets and Extinguishment of Liabilities". In such instances, a fixed-rate bond deposited into a special purpose trust is identified in the Portfolio of Investments as an "Underlying bond of an inverse floating rate trust", with the Fund accounting for the short-term floating rate certificates issued by the trust as "Floating rate obligations" on the Statement of Assets and Liabilities. In addition, the Fund reflects in Investment Income the entire earnings of the underlying bond and accounts for the related interest paid to the holders of the short-term floating rate certificates as "Floating rate obligations interest expense and fees" in the Statement of Operations.

During the fiscal year ended May 31, 2007, Missouri Premium Income (NOM) invested in externally deposited inverse floaters and/or self-deposited inverse floaters. None of the other Funds invested in such instruments during the fiscal year ended May 31, 2007.

The average floating rate obligations outstanding and average annual interest rate and fees related to self-deposited inverse floaters during the fiscal year ended May 31, 2007, were as follows:

	MISSOURI PREMIUM INCOME (NOM)
Average floating rate obligations	\$838,699

Average annual interest rate and fees 3.86%
 =====

Forward Swap Transactions

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

custodian to pledge assets of the Funds as collateral with a value approximately equal to the amount of the unrealized loss above a pre-determined threshold. Collateral pledges are monitored and subsequently adjusted if and when the swap valuations fluctuate, either up or down, by at least the predetermined threshold amount.

Futures Contracts

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

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

applicable.

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

Custodian Fee Credit

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

Indemnifications

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

Use of Estimates

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

2. FUND SHARES

Transactions in Common shares were as follows:

	CONNECTICUT PREMIUM INCOME (NTC)		CONNECTICUT DIVIDEND ADVANTAGE (NFC)		CON
	YEAR ENDED	YEAR ENDED	YEAR ENDED	YEAR ENDED	5/3
	5/31/07	5/31/06	5/31/07	5/31/06	5/3

Common shares issued to shareholders due to reinvestment of distributions	1,268	14,913	5,695	6,035	2
--	-------	--------	-------	-------	---

	CONNECTICUT DIVIDEND ADVANTAGE 3 (NGO)		MASSACHUSETTS PREMIUM INCOME (NMT)		MASS
	YEAR ENDED	YEAR ENDED	YEAR ENDED	YEAR ENDED	E
	5/31/07	5/31/06	5/31/07	5/31/06	5/3

Common shares issued to shareholders due to reinvestment of distributions	--	8,575	2,282	15,179	3
--	----	-------	-------	--------	---

	INSURED		PREMIUM
	MASSACHUSETTS ADVANTAGE	TAX-FREE (NGX)	
	YEAR ENDED 5/31/07	YEAR ENDED 5/31/06	
Common shares issued to shareholders due to reinvestment of distributions	--	2,688	13

71

3. INVESTMENT TRANSACTIONS

Purchases and sales (including maturities but excluding short-term investments and derivative transactions) during the fiscal year ended May 31, 2007, were as follows:

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONNECTICUT DIVIDEND ADVANTAGE
Purchases	\$11,961,808	\$5,312,943	\$6,000,000
Sales and maturities	9,546,768	4,953,092	6,100,000

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACHUSETTS DIVIDEND ADVANTAGE
Purchases	\$ 9,064,550	\$3,941,414	\$4,800,000
Sales and maturities	10,686,705	4,366,348	3,300,000

4. INCOME TAX INFORMATION

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to the treatment of paydown gains and losses, timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate transactions subject to SFAS No. 140. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

permanent differences do not impact the net asset values of the Funds.

At May 31, 2007, the cost of investments was as follows:

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONN DI ADVAN
Cost of investments	\$111,166,801	\$55,242,601	\$49,5

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
Cost of investments	\$99,742,640	\$41,571,231	\$58,2

Gross unrealized appreciation and gross unrealized depreciation of investments at May 31, 2007, were as follows:

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONN DI ADVAN
Gross unrealized: Appreciation	\$3,040,478	\$1,856,798	\$1,8
Depreciation	(275,579)	(145,947)	(2
Net unrealized appreciation (depreciation) of investments	\$2,764,899	\$1,710,851	\$1,6

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
Gross unrealized: Appreciation	\$3,614,438	\$1,466,130	\$1,8
Depreciation	(287,406)	(129,776)	(2
Net unrealized appreciation (depreciation) of investments	\$3,327,032	\$1,336,354	\$1,6

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains at May 31, 2007, the Funds' tax year end, were as follows:

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONN DI ADVAN
Undistributed net tax-exempt income*	\$264,190	\$67,363	\$
Undistributed net ordinary income **	564	136	
Undistributed net long-term capital gains	--	--	

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
Undistributed net tax-exempt income*	\$139,845	\$60,434	\$
Undistributed net ordinary income **	--	--	
Undistributed net long-term capital gains	--	56,036	

* Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on May 1, 2007, paid on June 1, 2007.

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

The tax character of distributions paid during the tax years ended May 31, 2007 and May 31, 2006, was designated for purposes of the dividends paid deduction as follows:

2007	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONN DI ADVAN
Distributions from net tax-exempt income ***	\$4,570,640	\$2,466,418	\$2,2
Distributions from net ordinary income **	41,683	--	
Distributions from net long-term capital gains ****	405,561	--	1

2007	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
Distributions from net tax-exempt income ***	\$4,336,292	\$1,953,268	\$2,3
Distributions from net ordinary income **	15,666	--	
Distributions from net long-term capital gains ****	28,705	--	

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONNEN DI ADVAN
2006			
Distributions from net tax-exempt income	\$4,827,926	\$2,623,472	\$2,2
Distributions from net ordinary income **	775	--	
Distributions from net long-term capital gains	1,335,368	--	1

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
2006			
Distributions from net tax-exempt income	\$4,681,999	\$2,003,840	\$2,5
Distributions from net ordinary income **	37,794	--	
Distributions from net long-term capital gains	233,067	409,848	

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

*** The Funds hereby designate these amounts paid during the fiscal year ended May 31, 2007, as Exempt Interest Dividends.

**** The Funds hereby designate these amounts paid during the fiscal year ended May 31, 2007, as long-term capital gain dividends pursuant to Internal Revenue Code Section 852(b)(3).

At May 31, 2007, the following Funds had unused capital loss carryforwards available for federal income tax purposes to be applied against future capital gains, if any. If not applied, the carryforwards will expire as follows:

	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONNECTICUT DIVIDEND ADVANTAGE 3 (NGO)	MASSACHUSETTS PREMIUM INCOME (NMT)	INSURED MASSACHUSETTS TAX-FREE ADVANTAGE (NGX)
Expiration year:				
2011	\$ --	\$ 69,710	\$ --	\$ --
2012	76,491	106,107	--	--
2013	44,122	79,696	--	85,485
2014	--	111,331	--	427,135
2015	--	211,213	13,790	--
Total	\$120,613	\$578,057	\$13,790	\$512,620

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

The following Funds have elected to defer net realized losses from investments incurred from November 1, 2006 through May 31, 2007 ("post-October losses") in accordance with federal income tax regulations. Post-October losses are treated as having arisen on the first day of the following taxable year.

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)
=====	\$53,762	\$8,607
=====		

5. MANAGEMENT FEE AND OTHER TRANSACTIONS WITH AFFILIATES

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

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

AVERAGE DAILY NET ASSETS (INCLUDING NET ASSETS ATTRIBUTABLE TO PREFERRED SHARES)	CONNECTICUT PREMIUM INCOME (NTC) MASSACHUSETTS PREMIUM INCOME (NMT) MISSOURI PREMIUM INCOME (NOM) FUND-LEVEL FEE RATE
=====	=====
For the first \$125 million	.4500%
For the next \$125 million	.4375
For the next \$250 million	.4250
For the next \$500 million	.4125
For the next \$1 billion	.4000
For the next \$3 billion	.3875
For net assets over \$5 billion	.3750
=====	=====

AVERAGE DAILY NET ASSETS (INCLUDING NET ASSETS ATTRIBUTABLE TO PREFERRED SHARES)	CONNECTICUT DIVIDEND ADVANTAGE (NFC) CONNECTICUT DIVIDEND ADVANTAGE 2 (NGK) CONNECTICUT DIVIDEND ADVANTAGE 3 (NGO) MASSACHUSETTS DIVIDEND ADVANTAGE (NMB) INSURED MASSACHUSETTS TAX-FREE ADVANTAGE (NGX) FUND-LEVEL FEE RATE
=====	=====
For the first \$125 million	.4500%
For the next \$125 million	.4375
For the next \$250 million	.4250
For the next \$500 million	.4125
For the next \$1 billion	.4000
For net assets over \$2 billion	.3750
=====	=====

The annual complex-level fee, payable monthly, which is additive to the

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

fund-level fee, for all Nuveen sponsored funds in the U.S., is based on the aggregate amount of total fund assets managed as stated in the table below. As of May 31, 2007, the complex-level fee rate was .1824%.

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

- (1) The complex-level fee component of the management fee for the funds is calculated based upon the aggregate Managed Assets ("Managed Assets" means the average daily net assets of each fund including assets attributable to preferred stock issued by or borrowings by the Nuveen funds) of Nuveen-sponsored funds in the U.S.
- (2) With respect to the complex-wide Managed Assets over \$91 billion, the fee rate or rates that will apply to such assets will be determined at a later date. In the unlikely event that complex-wide Managed Assets reach \$91 billion prior to a determination of the complex-level fee rate or rates to be applied to Managed Assets in excess of \$91 billion, the complex-level fee rate for such complex-wide Managed Assets shall be .1400% until such time as a different rate or rates is determined.

The management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. The Funds pay no compensation directly to those of its Trustees who are affiliated with the Adviser or to its Officers, all of whom receive remuneration for their services to the Funds from the Adviser or its affiliates. The Board of Trustees has adopted a deferred compensation plan for independent Trustees that enables Trustees 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.

For the first ten years of Connecticut Dividend Advantage's (NFC) and Massachusetts Dividend Advantage's (NMB) operations, the Adviser has agreed to reimburse the Funds, as a percentage of average daily net assets (including net assets attributable to Preferred shares), for fees and expenses in the amounts and for the time periods set forth below:

YEAR ENDING JANUARY 31,		YEAR ENDING JANUARY 31,	
2001*	.30%	2007	.25%
2002	.30	2008	.20
2003	.30	2009	.15
2004	.30	2010	.10
2005	.30	2011	.05
2006	.30		

=====
 * From the commencement of operations.

The Adviser has not agreed to reimburse Connecticut Dividend Advantage (NFC) and Massachusetts Dividend Advantage (NMB) for any portion of its fees and expenses beyond January 31, 2011.

For the first ten years of Connecticut Dividend Advantage 2's (NGK) operations, the Adviser has agreed to reimburse the Fund, as a percentage of average daily net assets (including net assets attributable to Preferred shares), for fees and expenses in the amounts and for the time periods set forth below:

YEAR ENDING MARCH 31,		YEAR ENDING MARCH 31,	
2002*	.30%	2008	.25%
2003	.30	2009	.20
2004	.30	2010	.15
2005	.30	2011	.10
2006	.30	2012	.05
2007	.30		

=====
 * From the commencement of operations.

The Adviser has not agreed to reimburse Connecticut Dividend Advantage 2 (NGK) for any portion of its fees and expenses beyond March 31, 2012.

For the first eight years of Connecticut Dividend Advantage 3's (NGO) operations, the Adviser has agreed to reimburse the Fund, as a percentage of average daily net assets (including net assets attributable to Preferred shares), for fees and expenses in the amounts and for the time periods set forth below:

YEAR ENDING SEPTEMBER 30,		YEAR ENDING SEPTEMBER 30,	
2002*	.32%	2007	.32%
2003	.32	2008	.24
2004	.32	2009	.16
2005	.32	2010	.08
2006	.32		

=====
 * From the commencement of operations.

The Adviser has not agreed to reimburse Connecticut Dividend Advantage 3 (NGO) for any portion of its fees and expenses beyond September 30, 2010.

For the first eight years of Insured Massachusetts Tax-Free Advantage's (NGX) operations, the Adviser has agreed to reimburse the Fund, as a percentage of average daily net assets (including net assets attributable to Preferred shares), for fees and expenses in the amounts and for the time periods set forth below:

YEAR ENDING NOVEMBER 30,		YEAR ENDING NOVEMBER 30,	
2002*	.32%	2007	.32%

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

2003	.32	2008	.24
2004	.32	2009	.16
2005	.32	2010	.08
2006	.32		

=====

* From the commencement of operations.

The Adviser has not agreed to reimburse Insured Massachusetts Tax-Free Advantage (NGX) for any portion of its fees and expenses beyond November 30, 2010.

6. NEW ACCOUNTING PRONOUNCEMENTS

Financial Accounting Standards Board Interpretation No. 48

On July 13, 2006, the Financial Accounting Standards Board (FASB) released FASB Interpretation No. 48, "Accounting for Uncertainty in Income Taxes" (FIN 48). FIN 48 provides guidance for how uncertain tax positions should be recognized, measured, presented and disclosed in the financial statements. FIN 48 requires the evaluation of tax positions taken or expected to be taken in the course of preparing the Funds' tax returns to determine whether the tax positions are "more-likely-than-not" of being sustained by the applicable tax authority. Tax positions not deemed to meet the more-likely-than-not threshold would be recorded as a tax benefit or expense in the current year. Adoption of FIN 48 is required for fiscal years beginning after December 15, 2006, and is to be applied to all open tax years as of the effective date. Recent SEC guidance allows funds to delay implementing FIN 48 into NAV calculations until the fund's last NAV calculation in the first required financial statement reporting period. As a result, the Funds must begin to incorporate FIN 48 into their NAV calculations by November 30, 2007. At this time, management is continuing to evaluate the implications of FIN 48 and does not expect the adoption of FIN 48 will have a significant impact on the net assets or results of operations of the Funds.

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

In September 2006, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 157, "Fair Value Measurements." This standard establishes a single authoritative definition of fair value, sets out a framework for measuring fair value and requires additional disclosures about fair value measurements. SFAS No. 157 applies to fair value measurements already required or permitted by existing standards. SFAS No. 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007, and interim periods within those fiscal years. The changes to current generally accepted accounting principles from the application of this standard relate to the definition of fair value, the methods used to measure fair value, and the expanded disclosures about fair value measurements. As of May 31, 2007, the Funds do not believe the adoption of SFAS No. 157 will impact the financial statement amounts; however, additional disclosures may be required about the inputs used to develop the measurements and the effect of certain of the measurements included within the Statement of Operations for the period.

7. SUBSEQUENT EVENTS

Distributions to Common Shareholders

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

The Funds declared Common share dividend distributions from their tax-exempt net investment income which were paid on July 2, 2007, to shareholders of record on June 15, 2007, as follows:

	CONNECTICUT PREMIUM INCOME (NTC)	CONNECTICUT DIVIDEND ADVANTAGE (NFC)	CONN DI ADVAN
Dividend per share	\$.0520	\$.0555	

	MASSACHUSETTS PREMIUM INCOME (NMT)	MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)	MASSACH TA ADV
Dividend per share	\$.0515	\$.0565	

Agreement and Plan of Merger

On June 20, 2007, Nuveen Investments announced that it had entered into a definitive Agreement and Plan of Merger ("Merger Agreement") with an investor group majority-led by Madison Dearborn Partners, LLC. Madison Dearborn Partners, LLC is a private equity investment firm based in Chicago, Illinois. The investor group includes affiliates of Merrill Lynch, Wachovia, Citigroup, Deutsche Bank and Morgan Stanley. It is anticipated that Merrill Lynch and its affiliates will be indirect "affiliated persons" (as that term is defined in the Investment Company Act of 1940) of the Funds. Under the terms of the merger, each outstanding share of Nuveen Investments' common stock (other than dissenting shares) will be converted into the right to receive a specified amount of cash, without interest. The merger is expected to be completed by the end of the year, subject to customary conditions, including obtaining the approval of Nuveen Investments shareholders, obtaining necessary fund and client consents sufficient to satisfy the terms of the Merger Agreement, and expiration of certain regulatory waiting periods. The obligations of Madison Dearborn Partners, LLC to consummate the merger are not conditioned on its obtaining financing. The Merger Agreement includes a "go shop" provision through July 19, 2007, during which Nuveen Investments may actively solicit and negotiate competing takeover proposals.

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

Financial
HIGHLIGHTS

79

Financial
HIGHLIGHTS

Selected data for a Common share outstanding throughout each period:

	Investment Operations					
	Beginning Common Share Net Asset Value	Net Investment Income	Realized/ Unrealized Gain (Loss)	Distributions from Net Investment Income to Preferred Share- holders+	Distributions from Capital Gains to Preferred Share- holders+	Total
CONNECTICUT PREMIUM INCOME (NTC)						
Year Ended 5/31:						
2007	\$14.42	\$.83	\$.07	\$ (.20)	\$ (.01)	\$.69
2006	15.26	.84	(.54)	(.14)	(.03)	.13
2005	14.60	.88	.75	(.09)	--	1.54
2004	15.56	.93	(.96)	(.05)	--	(.08)
2003	14.46	.98	1.07	(.07)	--	1.98
CONNECTICUT DIVIDEND ADVANTAGE (NFC)						
Year Ended 5/31:						
2007	14.75	.92	.04	(.22)	--	.74
2006	15.39	.93	(.55)	(.17)	--	.21
2005	14.56	.95	.86	(.09)	--	1.72
2004	15.53	.97	(1.00)	(.05)	--	(.08)
2003	14.24	1.00	1.19	(.07)	--	2.12

	Total Returns				
	Offering Costs and Preferred Share Underwriting Discounts	Ending Common Share Net Asset Value	Ending Market Value	Based on Market Value*	Based on Common Share Net Asset Value*
CONNECTICUT PREMIUM INCOME (NTC)					
Year Ended 5/31:					

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

2007	\$ --	\$14.39	\$14.91	12.33%	4.79%
2006	--	14.42	13.95	(6.00)	.88
2005	--	15.26	15.81	15.61	10.82
2004	--	14.60	14.47	(10.80)	(.51)
2003	--	15.56	17.14	12.63	14.08

CONNECTICUT DIVIDEND
ADVANTAGE (NFC)

Year Ended 5/31:

2007	--	14.76	16.37	5.46	5.05
2006	--	14.75	16.26	8.79	1.38
2005	--	15.39	15.73	17.89	12.06
2004	--	14.56	14.12	(8.64)	(.56)
2003	.01	15.53	16.35	9.19	15.38

Ratios/Supplemental Data

	Ending Net Assets Applicable to Common Shares (000)	Ratios to Average Net Assets Applicable to Common Shares Before Credit/Reimbursement			Ratios to Average Net Assets Applicable to Common Shares After Credit/Reimbursement	
		Expenses Including Interest++ (a)	Expenses Excluding Interest++ (a)	Net Investment Income++	Expenses Including Interest++ (a)	Expenses Excluding Interest++ (a)
2007	\$77,151	1.24%	1.24%	5.67%	1.21%	
2006	77,278	1.25	1.25	5.66	1.23	
2005	81,529	1.24	1.24	5.81	1.24	
2004	77,725	1.23	1.23	6.16	1.23	
2003	82,492	1.27	1.27	6.57	1.26	

CONNECTICUT
PREMIUM
INCOME (NTC)

Year Ended 5/31:

2007	\$77,151	1.24%	1.24%	5.67%	1.21%
2006	77,278	1.25	1.25	5.66	1.23
2005	81,529	1.24	1.24	5.81	1.24
2004	77,725	1.23	1.23	6.16	1.23
2003	82,492	1.27	1.27	6.57	1.26

CONNECTICUT
DIVIDEND
ADVANTAGE (NFC)

Year Ended 5/31:

2007	38,024	1.29	1.29	5.78	.92
2006	37,905	1.29	1.29	5.70	.84
2005	39,464	1.29	1.29	5.81	.83
2004	37,238	1.26	1.26	5.97	.80
2003	39,625	1.27	1.27	6.29	.81

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

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

CONNECTICUT PREMIUM
INCOME (NTC)

Year Ended 5/31:					
2007	\$38,300	\$25,000	\$75,360	\$ --	\$ --
2006	38,300	25,000	75,443	--	--
2005	38,300	25,000	78,217	--	--
2004	38,300	25,000	75,734	--	--
2003	38,300	25,000	78,846	--	--

CONNECTICUT DIVIDEND
ADVANTAGE (NFC)

Year Ended 5/31:					
2007	19,500	25,000	73,749	--	--
2006	19,500	25,000	73,596	--	--
2005	19,500	25,000	75,595	--	--
2004	19,500	25,000	72,740	--	--
2003	19,500	25,000	75,801	--	--

- * Total Return on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. Total Return on Common Share Net Asset Value is the combination of changes in Common share net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, if any. Total returns are not annualized.
- ** After custodian fee credit and expense reimbursement, where applicable.
- + The amounts shown are based on Common share equivalents.
- ++ Ratios do not reflect the effect of dividend payments to Preferred shareholders; income ratios reflect income earned on assets attributable to Preferred shares.
- (a) Interest expense arises from the application of SFAS No. 140 to certain inverse floating rate transactions entered into by the Fund as more fully described in Footnote 1 - Inverse Floating Rate Securities.

See accompanying notes to financial statements.

81-82 spread

Financial
HIGHLIGHTS (continued)

Selected data for a Common share outstanding throughout each period:

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

CONNECTICUT DIVIDEND
ADVANTAGE 2 (NGK)

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Year Ended 5/31:

2007	\$14.86	\$.91	\$.08	\$(.22)	\$(.01)	\$.76
2006	15.64	.91	(.60)	(.17)	(.01)	.13
2005	15.01	.92	.74	(.09)	--	1.57
2004	16.23	.96	(1.13)	(.04)	(.01)	(.22)
2003	14.48	.98	1.74	(.07)	(.01)	2.64

CONNECTICUT DIVIDEND
ADVANTAGE 3 (NGO)

Year Ended 5/31:

2007	14.18	.86	.13	(.23)	--	.76
2006	14.78	.84	(.54)	(.18)	--	.12
2005	13.97	.86	.83	(.10)	--	1.59
2004	15.06	.88	(1.14)	(.05)	--	(.31)
2003 (b)	14.33	.51	.93	(.04)	--	1.40

Total Returns

	Offering Costs and Preferred Share Underwriting Discounts	Ending Common Share Net Asset Value	Ending Market Value	Based on Market Value**	Based on Common Share Net Asset Value**
--	--	---	---------------------------	----------------------------------	--

CONNECTICUT DIVIDEND
ADVANTAGE 2 (NGK)

Year Ended 5/31:

2007	\$ --	\$14.85	\$16.38	3.58%	5.13%
2006	--	14.86	16.60	9.78	.84
2005	--	15.64	15.98	19.92	10.70
2004	(.01)	15.01	14.14	(4.65)	(1.48)
2003	--	16.23	15.80	11.16	18.77

CONNECTICUT DIVIDEND
ADVANTAGE 3 (NGO)

Year Ended 5/31:

2007	--	14.30	14.70	9.15	5.42
2006	--	14.18	14.09	1.84	.83
2005	--	14.78	14.54	18.17	11.60
2004	--	13.97	13.00	(8.92)	(2.08)
2003 (b)	(.21)	15.06	15.09	3.71	8.46

Ratios/Supplemental Data

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

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

CONNECTICUT DIVIDEND
ADVANTAGE 2 (NGK)

Year Ended 5/31:					
2007	\$34,366	1.31%	1.31%	5.60%	.85%
2006	34,352	1.29	1.29	5.51	.83
2005	36,105	1.28	1.28	5.52	.82
2004	34,646	1.25	1.25	5.73	.80
2003	37,441	1.31	1.31	5.94	.82

CONNECTICUT DIVIDEND
ADVANTAGE 3 (NGO)

Year Ended 5/31:					
2007	62,325	1.26	1.26	5.44	.76
2006	61,826	1.24	1.24	5.30	.74
2005	64,324	1.24	1.24	5.40	.76
2004	60,774	1.24	1.24	5.58	.74
2003 (b)	65,324	1.19*	1.19*	4.72*	.71*

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

CONNECTICUT DIVIDEND
ADVANTAGE 2 (NGK)

Year Ended 5/31:					
2007	\$17,500	\$25,000	\$74,094	\$ --	\$ --
2006	17,500	25,000	74,074	--	--
2005	17,500	25,000	76,579	--	--
2004	17,500	25,000	74,495	--	--
2003	17,500	25,000	78,487	--	--

CONNECTICUT DIVIDEND
ADVANTAGE 3 (NGO)

Year Ended 5/31:					
2007	32,000	25,000	73,691	--	--
2006	32,000	25,000	73,302	--	--
2005	32,000	25,000	75,253	--	--
2004	32,000	25,000	72,480	--	--
2003 (b)	32,000	25,000	76,034	--	--

* Annualized.

** Total Return on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. Total Return on Common Share Net Asset Value is the combination of changes in Common share net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, if any. Total returns are not annualized.

*** After custodian fee credit and expense reimbursement, where applicable.

+ The amounts shown are based on Common share equivalents.

++ Ratios do not reflect the effect of dividend payments to Preferred

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

shareholders; income ratios reflect income earned on assets attributable to Preferred shares.

- (a) Interest expense arises from the application of SFAS No. 140 to certain inverse floating rate transactions entered into by the Fund as more fully described in Footnote 1 - Inverse Floating Rate Securities.
- (b) For the period September 26, 2002 (commencement of operations) through May 31, 2003.

See accompanying notes to financial statements.

82-83 spread

Financial
HIGHLIGHTS (continued)

Selected data for a Common share outstanding throughout each period:

	Investment Operations						Total
	Beginning Common Share Net Asset Value	Net Investment Income	Net Realized/ Unrealized Gain (Loss)	Distributions from Net Investment Income to Preferred Share- holders+	Distributions from Capital Gains to Preferred Share- holders+		
MASSACHUSETTS PREMIUM INCOME (NMT)							
Year Ended 5/31:							
2007	\$14.45	\$.88	\$.13	\$(.23)	\$ --*	\$.78	
2006	15.10	.88	(.50)	(.18)	--	.20	
2005	14.34	.91	.81	(.08)	--	1.64	
2004	15.30	.94	(.97)	(.05)	--	(.08)	
2003	14.48	.98	.78	(.07)	--	1.69	
MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)							
Year Ended 5/31:							
2007	14.83	.93	.08	(.25)	--	.76	
2006	15.65	.95	(.54)	(.17)	(.02)	.22	
2005	14.84	.97	.95	(.08)	--	1.84	
2004	16.00	1.00	(1.11)	(.04)	(.01)	(.16)	
2003	14.16	1.04	1.74	(.07)	--	2.71	

					Total Returns	
Offering Costs and Preferred Share Underwriting Discounts	Ending Common Share Net Asset Value	Ending Market Value	Based on Market Value**		Based on Common Share Net Asset Value**	

	Aggregate Amount Outstanding (000)	Liquidation and Market Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Asset Coverage Per \$1,000
=====					
MASSACHUSETTS PREMIUM INCOME (NMT)					

Year Ended 5/31:					
2007	\$34,000	\$25,000	\$75,973	\$ --	\$ --
2006	34,000	25,000	75,571	--	--
2005	34,000	25,000	77,682	--	--
2004	34,000	25,000	74,857	--	--
2003	34,000	25,000	77,943	--	--
=====					
MASSACHUSETTS DIVIDEND ADVANTAGE (NMB)					

Year Ended 5/31:					
2007	15,000	25,000	73,453	--	--
2006	15,000	25,000	73,340	--	--
2005	15,000	25,000	75,899	--	--
2004	15,000	25,000	73,173	--	--
2003	15,000	25,000	76,891	--	--
=====					

- * Per share Distributions from Capital Gains to Preferred Shareholders and Distributions from Capital Gains to Common Shareholders round to less than \$.01 per share.
- ** Total Return on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. Total Return on Common Share Net Asset Value is the combination of changes in Common share net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, if any. Total returns are not annualized.
- *** After custodian fee credit and expense reimbursement, where applicable.
- + The amounts shown are based on Common share equivalents.
- ++ Ratios do not reflect the effect of dividend payments to Preferred shareholders; income ratios reflect income earned on assets attributable to Preferred shares.
- (a) Interest expense arises from the application of SFAS No. 140 to certain inverse floating rate transactions entered into by the Fund as more fully described in Footnote 1 - Inverse Floating Rate Securities.

See accompanying notes to financial statements.

84-85 spread

Financial
HIGHLIGHTS (continued)

Selected data for a Common share outstanding throughout each period:

Investment Operations					
Beginning Common Share	Net	Realized/	Distributions	Distributions	
			from Net Investment Income to Preferred	from Capital Gains to Preferred	

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	Net Asset Value	Investment Income	Unrealized Gain (Loss)	Share- holders+	Share- holders+	Total
--	--------------------	----------------------	---------------------------	--------------------	--------------------	-------

INSURED MASSACHUSETTS
TAX-FREE ADVANTAGE (NGX)

Year Ended 5/31:

2007	\$14.39	\$.90	\$.08	\$ (.25)	\$ --	\$.73
2006	14.93	.90	(.53)	(.20)	--	.17
2005	14.04	.92	.90	(.09)	--	1.73
2004	15.25	.94	(1.22)	(.06)	--	(.34)
2003 (b)	14.33	.35	1.21	(.03)	--	1.53

MISSOURI PREMIUM
INCOME (NOM)

Year Ended 5/31:

2007	14.40	.90	(.08)	(.23)	--*	.59
2006	15.11	.92	(.51)	(.17)	(.01)	.23
2005	14.37	.94	.77	(.09)	--	1.62
2004	15.40	.96	(1.05)	(.06)	--	(.15)
2003	14.35	.97	1.02	(.07)	--	1.92

Total Returns

	Offering Costs and Preferred Share Underwriting Discounts	Ending Common Share Net Asset Value	Ending Market Value	Based on Market Value**	Based on Common Share Net Asset Value**
--	--	---	---------------------------	----------------------------------	--

INSURED
MASSACHUSETTS
TAX-FREE
ADVANTAGE (NGX)

Year Ended 5/31:

2007	\$ --	\$14.50	\$14.45	12.49%	5.12%
2006	--	14.39	13.43	(11.62)	1.20
2005	--	14.93	15.94	20.95	12.62
2004	--	14.04	13.90	(6.83)	(2.18)
2003 (b)	(.24)	15.25	15.78	7.69	9.07

MISSOURI PREMIUM
INCOME (NOM)

Year Ended 5/31:

2007	--	14.27	16.56	5.98	4.17
2006	--	14.40	16.35	(3.53)	1.57
2005	--	15.11	17.90	24.38	11.54
2004	--	14.37	15.15	(5.35)	(1.00)
2003	--	15.40	16.87	15.39	13.75

Ratios/Supplemental Data

Ratios to Average Net Assets
Applicable to Common Shares

Ratios to A
Applicable

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

	Ending Net Assets Applicable to Common Shares (000)	Before Credit/Reimbursement			After Credit	
		Expenses Including Interest++ (a)	Expenses Excluding Interest++ (a)	Net Investment Income++	Expenses Including Interest++ (a)	Exp Excl Int
=====						
INSURED MASSACHUSETTS TAX-FREE ADVANTAGE (NGX)						

Year Ended 5/31:						
2007	\$39,458	1.28%	1.28%	5.67%	.77%	
2006	39,179	1.29	1.29	5.66	.79	
2005	40,611	1.27	1.27	5.83	.79	
2004	38,121	1.28	1.28	5.94	.75	
2003 (b)	41,297	1.14*	1.14*	4.17*	.68*	
=====						
MISSOURI PREMIUM INCOME (NOM)						

Year Ended 5/31:						
2007	32,826	1.39	1.30	6.15	1.37	
2006	32,934	1.29	1.29	6.20	1.27	
2005	34,219	1.29	1.29	6.29	1.28	
2004	32,231	1.27	1.27	6.44	1.26	
2003	34,228	1.34	1.34	6.56	1.32	
=====						

	Preferred Shares at End of Period			Floating Rate Obligations at End of Period	
	Aggregate Amount Outstanding (000)	Liquidation and Market Value Per Share	Asset Coverage Per Share	Aggregate Amount Outstanding (000)	Asset Coverage Per \$1,000
=====					
INSURED MASSACHUSETTS TAX-FREE ADVANTAGE (NGX)					

Year Ended 5/31:					
2007	\$20,500	\$25,000	\$73,120	\$ --	\$ --
2006	20,500	25,000	72,779	--	--
2005	20,500	25,000	74,526	--	--
2004	20,500	25,000	71,489	--	--
2003 (b)	20,500	25,000	75,362	--	--
=====					
MISSOURI PREMIUM INCOME (NOM)					

Year Ended 5/31:					
2007	16,000	25,000	76,291	1,975	25,722
2006	16,000	25,000	76,460	--	--
2005	16,000	25,000	78,468	--	--
2004	16,000	25,000	75,360	--	--
2003	16,000	25,000	78,481	--	--
=====					

* Per share Distributions from Capital Gains to Preferred Shareholders and

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Distributions from Capital Gains to Common Shareholders round to less than \$.01 per share.

- ** Total Return on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. Total Return on Common Share Net Asset Value is the combination of changes in Common share net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, if any. Total returns are not annualized.
- *** After custodian fee credit and expense reimbursement, where applicable.
- + The amounts shown are based on Common share equivalents.
- ++ Ratios do not reflect the effect of dividend payments to Preferred shareholders; income ratios reflect income earned on assets attributable to Preferred shares.
- (a) Interest expense arises from the application of SFAS No. 140 to certain inverse floating rate transactions entered into by the Fund as more fully described in Footnote 1 - Inverse Floating Rate Securities.
- (b) For the period November 21, 2002 (commencement of operations) through May 31, 2003.

See accompanying notes to financial statements.

86-87 spread

Board Members & OFFICERS

The management of the Funds, including general supervision of the duties performed for the Funds by the Adviser, is the responsibility of the Board Members of the Funds. The number of board members of the Fund is currently set at nine. None of the board members who are not "interested" persons of the Funds has ever been a director or employee of, or consultant to, Nuveen or its affiliates. The names and business addresses of the board members and officers of the Funds, their principal occupations and other affiliations during the past five years, the number of portfolios each oversees and other directorships they hold are set forth below.

NAME, BIRTHDATE & ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED AND TERM(2)	NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY BOARD MEMBER	PRINCIPAL OCCUPATION INCLUDING DIRECTORSH DURING PAS
---------------------------------	------------------------------------	--	---	--

BOARD MEMBER WHO IS AN INTERESTED PERSON OF THE FUNDS:

o TIMOTHY R. SCHWERTFEGER(1) 3/28/49 333 W. Wacker Drive Chicago, IL 60606	Chairman of the Board and Board Member	1994 ANNUAL	176	Director (Chairman (Chairman (Investment Chairman a Asset Mana Rittenhous 1999); Cha Advisers I Chairman a Advisory C Advisory C (1996-2006 Corporatio
---	--	----------------	-----	--

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

BOARD MEMBERS WHO ARE NOT INTERESTED PERSONS OF THE FUNDS:

<ul style="list-style-type: none"> o ROBERT P. BREMNER 8/22/40 333 W. Wacker Drive Chicago, IL 60606 	<ul style="list-style-type: none"> Lead Independent Board member 	<ul style="list-style-type: none"> 1997 CLASS III 	<ul style="list-style-type: none"> 176 	<ul style="list-style-type: none"> Private In
<ul style="list-style-type: none"> o JACK B. EVANS 10/22/48 333 W. Wacker Drive Chicago, IL 60606 	<ul style="list-style-type: none"> Board member 	<ul style="list-style-type: none"> 1999 CLASS III 	<ul style="list-style-type: none"> 176 	<ul style="list-style-type: none"> President, private ph 1996); Dir Fire Group of the Boa Iowa Unive Companies; Iowa Colle Advisory C Finance in University Alliant En Reserve Ba and Chief Group, Inc firm.
<ul style="list-style-type: none"> o WILLIAM C. HUNTER 3/6/48 333 W. Wacker Drive Chicago, IL 60606 	<ul style="list-style-type: none"> Board member 	<ul style="list-style-type: none"> 2004 CLASS II 	<ul style="list-style-type: none"> 176 	<ul style="list-style-type: none"> Dean, Tipp of Iowa (s and Distin School of Connecticu Vice Presi the Federa (1995-2003 Research C Director (Director, 2005-Octob

<p>NAME, BIRTHDATE & ADDRESS</p>	<p>POSITION(S) HELD WITH THE FUNDS</p>	<p>YEAR FIRST ELECTED OR APPOINTED AND TERM(2)</p>	<p>NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY BOARD MEMBER</p>	<p>PRINCIPAL OCCUPATION INCLUDING DIRECTORSH DURING PAS</p>
--	--	--	--	---

BOARD MEMBERS WHO ARE NOT INTERESTED PERSONS OF THE FUNDS:

<ul style="list-style-type: none"> o DAVID J. KUNDERT 10/28/42 333 W. Wacker Drive Chicago, IL 60606 	<ul style="list-style-type: none"> Board member 	<ul style="list-style-type: none"> 2005 CLASS II 	<ul style="list-style-type: none"> 174 	<ul style="list-style-type: none"> Director, Management Chairman, President Advisors C Group Mutu Vice Presi Chairman a Management College; m Associatio Friends of
---	--	---	---	--

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

NAME, BIRTHDATE AND ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED (4)	NUMBER OF PORTFOLIOS IN FUND COMPLEX	PRINCIPAL OCCUPATION DURING PAS
<ul style="list-style-type: none"> o WILLIAM J. SCHNEIDER 9/24/44 333 W. Wacker Drive Chicago, IL 60606 	Board member	1997 ANNUAL	176	of Board o Theater. Chairman o a real est Senior Par (retired, formerly, Realty; Bo Committee of Premier not-for-pr Hospital; Philharmon Member, Re promotes c issues; Di Coalition; Advisory B Ohio and B Cleveland
<ul style="list-style-type: none"> o JUDITH M. STOCKDALE 12/29/47 333 W. Wacker Drive Chicago, IL 60606 	Board member	1997 CLASS I	176	Executive Donnelley thereto, E Protection
<ul style="list-style-type: none"> o CAROLE E. STONE 6/28/47 333 West Wacker Drive Chicago, IL 60606 	Board member	2007 CLASS I	176	Director, (since 200 Associatio Commission Public Aut formerly D of the Bud Authoritie Director, Corporatio
<ul style="list-style-type: none"> o EUGENE S. SUNSHINE 1/22/50 333 W. Wacker Drive Chicago, IL 60606 	Board member	2005 CLASS II	176	Senior Vic Finance, N 1997); Dir Options Ex Board of D insurance University Chamber of a business Director (of therapy physically children; National M national p community-

NAME,
BIRTHDATE
AND ADDRESS

POSITION(S) HELD
WITH THE FUNDS

YEAR FIRST
ELECTED OR
APPOINTED (4)

NUMBER
OF PORTFOLIOS
IN FUND COMPLEX

PRINCIPAL
OCCUPATION
DURING PAS

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

OVERSEEN
BY OFFICER

OFFICERS OF THE FUND:

<ul style="list-style-type: none"> o GIFFORD R. ZIMMERMAN 9/9/56 333 W. Wacker Drive Chicago, IL 60606 	<p>Chief Administrative Officer</p>	<p>1988</p>	<p>176</p>	<p>Managing Director Secretary formerly, General Counsel Managing Director Secretary formerly, Nuveen Asset (since 2000 1994) of Nuveen Secretary Company, L.P. and Assistant Investment Managing Director Assistant Management LLC (since Investors, Management Managing Director Counsel (1 formerly, Corp. and Corp. (3);</p>
<ul style="list-style-type: none"> o WILLIAMS ADAMS IV 6/9/55 333 West Wacker Drive Chicago, IL 60606 	<p>Vice President</p>	<p>2007</p>	<p>119</p>	<p>Executive Products of 1999), private Structured</p>
<ul style="list-style-type: none"> o JULIA L. ANTONATOS 9/22/63 333 W. Wacker Drive Chicago, IL 60606 	<p>Vice President</p>	<p>2004</p>	<p>176</p>	<p>Managing Director Vice President Investment Analyst.</p>
<ul style="list-style-type: none"> o CEDRIC H. ANTOSIEWICZ 1/11/62 333 W. Wacker Drive Chicago, IL 60606 	<p>Vice President</p>	<p>2007</p>	<p>119</p>	<p>Managing Director Vice President Investment</p>
<ul style="list-style-type: none"> o MICHAEL T. ATKINSON 2/3/66 333 W. Wacker Drive Chicago, IL 60606 	<p>Vice President and Assistant Secretary</p>	<p>2000</p>	<p>176</p>	<p>Vice President Investment</p>
<ul style="list-style-type: none"> o PETER H. D'ARRIGO 11/28/67 333 W. Wacker Drive Chicago, IL 60606 	<p>Vice President</p>	<p>1999</p>	<p>176</p>	<p>Vice President Investment Inc. (since Treasurer 2002) and Inc. (since NWQ Invest (since 2000 of Nuveen (since 2000 Management</p>

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Barbara As
Assistant
Investors,
President
Nuveen Adv
Institution
Financial

o LORNA C. FERGUSON
10/24/45
333 W. Wacker Drive Vice President 1998 176
Chicago, IL 60606

Managing D
Vice Presi
Managing D
President
Corp. and
Corp. (3);
Nuveen Ass

90

NAME, BIRTHDATE AND ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED (4)	NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY OFFICER	PRINCIPAL OCCUPATION DURING PAS
-----------------------------------	------------------------------------	---	--	---------------------------------------

OFFICERS OF THE FUND:

o WILLIAM M. FITZGERALD
3/2/64
333 W. Wacker Drive Vice President 1995 176
Chicago, IL 60606

Managing D
Vice Presi
Managing D
Advisory C
Advisory C
2001) of N
President
Advisers I

o STEPHEN D. FOY
5/31/54
333 W. Wacker Drive Vice President and Controller 1998 176
Chicago, IL 60606

Vice Presi
Controller
Investment
and Funds
Investment
Accountant

o WALTER M. KELLY
2/24/70
333 West Wacker Drive Chief Compliance Officer and Vice President 2003 176
Chicago, IL 60606

Assistant
Secretary
Vice Presi
Assistant
General Co
Investment
(2001-2003
Price, Kau

o DAVID J. LAMB
3/22/63
333 W. Wacker Drive Vice President 2000 176
Chicago, IL 60606

Vice Presi
Investment
Accountant

o TINA M. LAZAR
8/27/61
333 W. Wacker Drive Vice President 2002 176

Vice Presi
(since 199

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

Chicago, IL 60606

<ul style="list-style-type: none"> o LARRY W. MARTIN 7/27/51 333 W. Wacker Drive Chicago, IL 60606 	Vice President and Assistant Secretary	1988	176	Vice Presi Assistant Investment and Assist Corp. and Corp. (3); Assistant Inc.; Vice Assistant Asset Mana 2000), Ass General Co Asset Mana Assistant Advisers I Secretary Company, L Management Global Inv Asset Mana
<ul style="list-style-type: none"> o KEVIN J. MCCARTHY 3/26/66 333 W. Wacker Drive Chicago, IL 60606 	Vice President and Secretary	2007	176	Vice Presi Counsel, N 2007); pri Lloyd LLP
<ul style="list-style-type: none"> o JOHN V. MILLER 4/10/67 333 W. Wacker Drive Chicago, IL 60606 	Vice President	2007	176	Managing D Vice Presi Investment Analyst.

- (1) Mr. Schwertfeger is an "interested person" of the Funds, as defined in the Investment Company Act of 1940, because he is an officer and board member of the Adviser.
- (2) Board Members serve three year terms, except for two board members who are elected by the holders of Preferred Shares. The Board of Trustees is divided into three classes, Class I, Class II, and Class III, with each being elected to serve until the third succeeding annual shareholders' meeting subsequent to its election or thereafter in each case when its respective successors are duly elected or appointed, except two board members are elected by the holders of Preferred Shares to serve until the next annual shareholders' meeting subsequent to its election or thereafter in each case when its respective successors are duly elected or appointed. The first year elected or appointed represents the year in which the board member was first elected or appointed to any fund in the Nuveen Complex.
- (3) Nuveen Advisory Corp. and Nuveen Institutional Advisory Corp. were reorganized into Nuveen Asset Management, effective January 1, 2005.
- (4) Officers serve one year terms through July of each year. The year first elected or appointed represents the year in which the Officer was first elected or appointed to any fund in the Nuveen Complex.

APPROVAL PROCESS

The Board of Trustees is responsible for overseeing the performance of the investment adviser to the Funds and determining whether to continue the advisory arrangements. At a meeting held on May 21-23, 2007 (the "May Meeting"), the Board of Trustees of the Funds, including the independent Trustees, unanimously approved the continuance of the Investment Management Agreement between each Fund and NAM (the "Fund Adviser").

THE APPROVAL PROCESS

During the course of the year, the Board received a wide variety of materials relating to the services provided by the Fund Adviser and the performance of the Funds. At each of its quarterly meetings, the Board reviews investment performance and various matters relating to the respective Fund's operations, including the Fund's compliance program, shareholder services, valuation, custody, distribution and other information relating to the nature, extent and quality of services provided by the Fund Adviser. Between the regularly scheduled quarterly meetings, the Trustees received information on particular matters as the need arose. In considering whether to renew the respective advisory contract with the Fund Adviser at the May Meeting, the independent Trustees also received extensive materials well in advance of their meeting which outlined, among other things:

- o the nature, extent and quality of services provided by the Fund Adviser;
- o the organization and business operations of the Fund Adviser, including the responsibilities of various departments and key personnel;
- o the Fund's past performance as well as the Fund's performance compared to funds with similar investment objectives based on data and information provided by an independent third party and to customized benchmarks;
- o the profitability of the Fund Adviser and certain industry profitability analyses for unaffiliated advisers;
- o the expenses of the Fund Adviser in providing the various services;
- o the advisory fees and total expense ratios of the Fund, including comparisons of such fees and expenses with those of comparable, unaffiliated funds based on information and data provided by an independent third party (the "Peer Universe") as well as compared to a subset of funds within the Peer Universe (the "Peer Group") of the respective Fund (as applicable);
- o the advisory fees the Fund Adviser assesses to other types of investment products or clients;
- o the soft dollar practices of the Fund Adviser, if any; and
- o from independent legal counsel, a legal memorandum describing among other things, applicable laws, regulations and duties in reviewing and approving advisory contracts.

At the May Meeting, the Fund Adviser made a presentation to and responded to questions from the Board.

Prior to and after the presentations and reviewing the written materials, the independent Trustees met privately with their legal counsel to review the Board's duties in reviewing advisory contracts and consider the renewal of the advisory contracts. The independent Trustees, in consultation with independent

counsel, reviewed the factors set out in judicial decisions and SEC directives relating to the renewal of advisory contracts. As outlined in more detail below, the Trustees considered all factors they believed relevant with respect to each Fund, including, but not limited to, the following: (a) the nature, extent and quality of the services to be provided by the Fund Adviser; (b) the investment performance of the Fund and the Fund Adviser; (c) the costs of the services to be provided and profits to be realized by the Fund Adviser and its affiliates; (d) the extent to which economies of scale would be realized; and (e) whether fee levels reflect these economies of scale for the benefit of Fund investors. In addition, as noted, the Trustees met regularly throughout the year to oversee the Funds. In evaluating the advisory contracts, the Trustees also relied upon

92

their knowledge resulting from their meetings and other interactions throughout the year of the Fund Adviser, its services and the Funds. It is with this background that the Trustees considered each advisory contract.

A. NATURE, EXTENT AND QUALITY OF SERVICES

In reviewing the Fund Adviser, the Trustees considered the nature, extent and quality of the Fund Adviser's services. The Trustees reviewed materials outlining, among other things, the Fund Adviser's organization and business; the types of services that the Fund Adviser or its affiliates provide and are expected to provide to the Funds; the performance record of the applicable Fund (as described in further detail below); and any initiatives Nuveen has taken for the municipal fund product line. As noted, the Trustees are already familiar with the organization, operations and personnel of the Fund Adviser due to the Trustees' experience in governing the respective Fund and working with NAM on matters relating to the Funds. With respect to personnel, the Trustees recognized NAM's investment in additional qualified personnel throughout the various groups in the organization and recommended to NAM that it continue to review staffing needs as necessary. In addition, with respect to the municipal funds advised by NAM, the Trustees reviewed materials describing the current status and, in particular, the developments in 2006 with respect to NAM's investment process, investment strategies (including additional tools used in executing such strategies), personnel (including portfolio management and research teams), trading process, hedging team, risk management team (e.g., reviewing credit quality, duration limits, derivative use, as applicable), and investment operations (such as, enhancements to trading procedures, pricing procedures, and client services). The Trustees recognized NAM's investment of resources and efforts to continue to enhance and refine its investment process.

In addition to advisory services, the independent Trustees considered the quality of any administrative or non-advisory services provided. With respect to NAM, NAM provides the Funds with a wide variety of services and officers and other personnel as are necessary for the operations of the respective Fund, including,

- o product management;
- o fund administration;
- o oversight of shareholder services and other fund service providers;
- o administration of Board relations;
- o regulatory and portfolio compliance; and

- o legal support services.

As the Funds operate in a highly regulated industry and given the importance of compliance, the Trustees considered, in particular, NAM's compliance activities for the Funds and enhancements thereto. In this regard, the Trustees recognized the quality of NAM's compliance team. The Trustees further noted NAM's negotiations with other service providers and the corresponding reduction in certain service providers' fees.

With respect to closed-end funds, in addition to the foregoing services, the Trustees also noted the additional services that NAM or its affiliates provide to closed-end funds, including, in particular, its secondary market support activities. The Trustees recognized Nuveen's continued commitment to supporting the secondary market for the common shares of its closed-end funds through a variety of programs designed to raise investor and analyst awareness and understanding of closed-end funds. These efforts include:

- o maintaining shareholder communications;
- o providing advertising for closed-end funds;
- o maintaining its closed-end fund website;
- o continual contact with financial advisers;
- o providing educational symposia;
- o conducting research with investors and financial analysis regarding closed-end funds; and
- o evaluating secondary market performance.

93

With respect to Funds that utilize leverage through the issuance of preferred shares, the Trustees noted Nuveen's continued support for the preferred shares by, among other things:

- o maintaining an in-house trading desk;
- o maintaining a product manager for the preferred shares;
- o developing distribution for preferred shares with new market participants;
- o maintaining an orderly auction process;
- o managing leverage and risk management of leverage; and
- o maintaining systems necessary to test compliance with rating agency criteria.

Based on their review, the Trustees found that, overall, the nature, extent and quality of services provided (and expected to be provided) to the respective Funds under the Investment Management Agreements were satisfactory.

B. THE INVESTMENT PERFORMANCE OF THE FUNDS AND FUND ADVISER

The Board considered the investment performance for each Fund, including the Fund's historic performance as well as its performance compared to funds with

similar investment objectives (the "Performance Peer Group") based on data provided by an independent third party (as described below). With respect to municipal funds, the Trustees reviewed portfolio level performance against customized benchmarks, as described in further detail below.

In evaluating the performance information, in certain instances, the Trustees noted that the closest Performance Peer Group for a Fund may not adequately reflect such Fund's investment objectives and strategies, thereby limiting the usefulness of the comparisons of such Fund's performance with that of the Performance Peer Group.

With respect to state specific municipal funds, the Trustees also recognized that certain state municipal funds do not have a corresponding state specific Performance Peer Group in which case their performance is measured against a more general municipal category for various states. With respect to municipal closed-end funds, municipal funds that do not have corresponding state-specific Performance Peer Groups are from all states other than New York, California, Florida, New Jersey, Michigan, and Pennsylvania. However, with respect to Funds based on Florida, New Jersey, Michigan and Pennsylvania, the peer group may be so small or the Nuveen Funds may dominate the category to such an extent that performance information for such Funds was also compared to the more general category for all states (other than New York and California).

With respect to municipal funds, the Trustees reviewed performance information including, among other things, total return information compared with the Fund's Performance Peer Group for the one-, three- and five-year periods (as applicable) ending December 31, 2006. The Trustees also reviewed the Fund's portfolio level performance (which does not reflect fund level fees and expenses) compared to customized portfolio-level benchmarks for the one- and three-year periods ending December 31, 2006 (as applicable). This analysis is designed to assess the efficacy of investment decisions against appropriate measures of risk and total return, within specific market segments. This information supplements the Fund performance information provided to the Board at each of its quarterly meetings. Based on their review, the Trustees determined that the respective Fund's absolute and relative investment performance over time had been satisfactory, subject to the following. With respect to various municipal closed-end funds, the Trustees have noted the relative total return underperformance in recent years compared to peers. The Trustees reviewed materials and discussed with the Fund Adviser the factors contributing to the shift in performance including, among other things, the degree of risk undertaken by peers compared to the Funds (such as through the increased use of leverage or taking concentrated positions in high risk credits). In addition, the Trustees also considered a Fund's dividend performance and the extent of any secondary market discounts. The Trustees noted NAM's efforts to evaluate the factors affecting performance and determine whether modification to a Fund's investment strategy is necessary or appropriate and are satisfied with the steps being taken.

C. FEES, EXPENSES AND PROFITABILITY

1. FEES AND EXPENSES

In evaluating the management fees and expenses of a Fund, the Board reviewed, among other things, the Fund's advisory fees (net and gross management fees) and total expense ratios (before and after expense reimbursements and/or waivers) in absolute terms as well as comparisons to the gross management fees (before waivers), net management fees (after

waivers) and total expense ratios (before and after waivers) of comparable funds in the Peer Universe and the Peer Group. In reviewing the fee schedule for a Fund, the Trustees considered the fund-level and complex-wide breakpoint schedules (described in further detail below) and any fee waivers and reimbursements provided by Nuveen (applicable, in particular, for certain Funds launched since 1999). The Trustees further reviewed data regarding the construction of Peer Groups as well as the methods of measurement for the fee and expense analysis and the performance analysis. In certain cases, due to the small number of peers in the Peer Universe, the Peer Universe and Peer Group may be the same. In reviewing the comparison of fee and expense information, the Trustees recognized that in certain cases, the Fund size relative to peers, the small size and odd composition of the Peer Group (including differences in objectives and strategies), expense anomalies, timing of information used or other factors impact the comparisons thereby limiting some of their usefulness. With respect to municipal closed-end funds, the Trustees also considered the differences in the use of leverage. Based on their review of the fee and expense information provided, the Trustees determined that each Fund's net total expense ratio was within an acceptable range compared to peers.

2. COMPARISONS WITH THE FEES OF OTHER CLIENTS

The Trustees further reviewed data comparing the advisory fees of NAM with fees NAM charges to other clients. With respect to municipal funds, such other clients include municipal managed accounts. In general, the advisory fees charged for separate accounts are somewhat lower than the advisory fees assessed to the Funds. The Trustees considered the differences in the product types, including, but not limited to, the services provided, the structure and operations, product distribution and costs thereof, portfolio investment policies, investor profiles, account sizes and regulatory requirements. The Trustees noted, in particular, that the range of services provided to the Funds (as discussed above) is more extensive than that provided to separately managed accounts. As described in further detail above, such additional services include, but are not limited to, providing: product management, fund administration, oversight of third party service providers, administration of Board relations, and legal support. Funds further operate in a highly regulated industry requiring extensive compliance functions compared to the other investment products. Given the inherent differences in the products, particularly the extensive services provided to the Funds, the Trustees believe such facts justify the different levels of fees.

3. PROFITABILITY OF FUND ADVISERS

In conjunction with its review of fees, the Trustees also considered the profitability of Nuveen for its advisory activities (which incorporated Nuveen's wholly-owned affiliated sub-advisers) and its financial condition. The Trustees reviewed the revenues and expenses of Nuveen's advisory activities for the last three years, the allocation methodology used in preparing the profitability data as well as the 2006 Annual Report for Nuveen. The Trustees noted this information supplements the profitability information requested and received during the year to help keep them apprised of developments affecting profitability (such as changes in fee waivers and expense reimbursement commitments). In this regard, the Trustees noted the enhanced dialogue and information regarding profitability with NAM during the year, including more frequent meetings and updates from Nuveen's corporate finance group. The Trustees also reviewed data comparing Nuveen's profitability with other fund sponsors prepared by three independent third party service providers as well as comparisons of the revenues, expenses and profit margins of various unaffiliated management firms with similar amounts of assets under management prepared by Nuveen.

In reviewing profitability, the Trustees have recognized the subjective nature in determining profitability which may be affected by numerous factors, including, the allocation of expenses. Further, the Trustees

95

have recognized the difficulties in making comparisons as the profitability of other advisers generally is not publicly available and the profitability information that is available for certain advisers or management firms may not be representative of the industry and may be affected by, among other things, the adviser's particular business mix, capital costs, types of funds managed and expense allocations.

Notwithstanding the foregoing, the Trustees reviewed Nuveen's methodology and assumptions for allocating expenses across product lines to determine profitability. Last year, the Trustees also designated an independent Trustee as a point person for the Board to review the methodology determinations during the year and any refinements thereto and report back to them. The Trustees also reviewed the comparisons of Nuveen's profitability margins (including pre- and post-marketing profit margins) with the profitability of various unaffiliated management firms. In reviewing profitability, the Trustees recognized Nuveen's increased investment into its fund business. Based on its review, the Trustees concluded that they were satisfied that Nuveen's level of profitability for its advisory activities was reasonable in light of the services provided.

In evaluating the reasonableness of the compensation, the Trustees also considered any other revenues paid to the Fund Adviser as well as any indirect benefits (such as soft dollar arrangements, if any) the Fund Adviser and its affiliates are expected to receive that are directly attributable to their management of the Funds, if any. See Section E below for additional information. Based on their review of the overall fee arrangements of the applicable Fund, the Trustees determined that the advisory fees and expenses of the respective Fund were reasonable.

D. ECONOMIES OF SCALE AND WHETHER FEE LEVELS REFLECT THESE ECONOMIES OF SCALE

With respect to economies of scale, the Trustees recognized the potential benefits resulting from the costs of a Fund being spread over a larger asset base. To help ensure the shareholders share in these benefits, the Trustees have reviewed and considered the breakpoints in the advisory fee schedules that reduce advisory fees. In addition to advisory fee breakpoints, the Board also approved in 2004 a complex-wide fee arrangement. Pursuant to the complex-wide fee arrangement, the fees of the funds in the Nuveen complex, including the Funds, are reduced as the assets in the fund complex reach certain levels. In evaluating the complex-wide fee arrangement, the Trustees noted that the last breakpoint for the complex-wide fee schedule is at the \$91 billion level and anticipate further review and/or negotiations prior to the assets of the Nuveen complex reaching such threshold. Based on their review, the Trustees concluded that the breakpoint schedule and complex-wide fee arrangement currently was acceptable and desirable in providing benefits from economies of scale to shareholders subject to further evaluation of the complex-wide fee schedule as assets in the complex increase.

E. INDIRECT BENEFITS

In evaluating fees, the Trustees also considered any indirect benefits or profits the Fund Adviser or its affiliates may receive as a result of its relationship with each Fund. With respect to closed-end funds, the Trustees

considered revenues received by affiliates of NAM for serving as agent at Nuveen's preferred trading desk and for serving as a co-manager in the initial public offering of new closed-end exchange traded funds.

In addition to the above, the Trustees considered whether the Fund Adviser received any benefits from soft dollar arrangements whereby a portion of the commissions paid by a Fund for brokerage may be used to acquire research that may be useful to the Fund Adviser in managing the assets of the Fund and other clients. With respect to NAM, the Trustees noted that NAM does not currently have any soft dollar arrangements; however, to the extent certain bona fide agency transactions that occur on markets that traditionally trade on a principal basis and riskless principal transactions are considered as generating "commissions," NAM intends to comply with the applicable safe harbor provisions.

F. OTHER CONSIDERATIONS

The Trustees did not identify any single factor discussed previously as all-important or controlling. The Trustees, including the independent Trustees, unanimously concluded that the terms of the NAM Investment Management Agreements are fair and reasonable, that the Fund Adviser's fees are reasonable in light of the services provided to each Fund and that the renewal of the NAM Investment Management Agreements should be approved.

96

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 DIVIDEND REINVESTMENT PLAN

Your Nuveen Closed-End Fund allows you to conveniently reinvest dividends and/or capital gains distributions in additional Fund shares.

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

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

EASY AND CONVENIENT

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

HOW SHARES ARE PURCHASED

The shares you acquire by reinvesting will either be purchased on the open market or newly issued by the Fund. If the shares are trading at or above net asset value at the time of valuation, the Fund will issue new shares at the greater of the net asset value or 95% of the then-current market price. If the shares are trading at less than net asset value, shares for your account will be purchased on the open market. If the Plan Agent begins purchasing Fund shares on the open market while shares are trading below net asset value, but the Fund's

shares subsequently trade at or above their net asset value before the Plan Agent is able to complete its purchases, the Plan Agent may cease open-market purchases and may invest the uninvested portion of the distribution in newly-issued Fund shares at a price equal to the greater of the shares' net asset value or 95% of the shares' market value on the last business day immediately prior to the purchase date. Dividends and distributions received to purchase shares in the open market will normally be invested shortly after the dividend payment date. No interest will be paid on dividends and distributions awaiting reinvestment. Because the market price of the shares may increase before purchases are completed, the average purchase price per share may exceed the market price at the time of valuation, resulting in the acquisition of fewer shares than if the dividend or distribution had been paid in shares issued by the Fund. A pro rata portion of any applicable brokerage commissions on open market purchases will be paid by Plan participants. These commissions usually will be lower than those charged on individual transactions.

97

FLEXIBLE

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change. Should you withdraw, you can receive a certificate for all whole shares credited to your reinvestment account and cash payment for fractional shares, or cash payment for all reinvestment account shares, less brokerage commissions and a \$2.50 service fee.

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

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

CALL TODAY TO START REINVESTING DIVIDENDS AND/OR DISTRIBUTIONS

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

98

Other Useful INFORMATION

QUARTERLY PORTFOLIO OF INVESTMENTS AND PROXY VOTING INFORMATION

Each Fund's (i) quarterly portfolio of investments, (ii) information regarding how the Funds voted proxies relating to portfolio securities held during the 12-month period ended June 30, 2006, and (iii) a description of the policies and procedures that the Funds used to determine how to vote proxies relating to portfolio securities are available without charge, upon request, by calling Nuveen Investments toll-free at (800) 257-8787 or on Nuveen's website at www.nuveen.com.

You may also obtain this and other Fund information directly from the Securities and Exchange Commission ("SEC"). The SEC may charge a copying fee for this information. Visit the SEC on-line at <http://www.sec.gov> or in person at the SEC's Public Reference Room in Washington, D.C. Call the SEC at 1-202-942-8090 for room hours and operation. You may also request Fund information by sending an e-mail request to publicinfo@sec.gov or by writing to the SEC's Public References Section at 450 Fifth Street NW, Washington, D.C. 20549.

CEO CERTIFICATION DISCLOSURE

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

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

INVESTMENT POLICY CHANGE

In February 2007, the Board of Trustees voted to remove investment policy restrictions that limited the territorial bond holdings of these Funds to a maximum of 10 percent of net assets. This change will give the Funds' portfolio managers greater flexibility to achieve its investment objectives.

GLOSSARY OF TERMS USED IN THIS REPORT

- o **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.
- o **AVERAGE EFFECTIVE MATURITY:** The average of the number of years to maturity of the bonds in a Fund's portfolio, computed by weighting each bond's time to maturity (the date the security comes due) by the market value of the security. This figure does not account for the likelihood of prepayments or the exercise of call provisions unless an escrow account has been established to redeem the bond before maturity. The market value weighting for an investment in an inverse floating rate security is the value of the portfolio's residual interest in the inverse floating rate trust, and does not include the value of the floating rate securities issued by the trust.
- o **INVERSE FLOATERS:** Inverse floating rate securities are created by depositing a municipal bond, typically with a fixed interest rate, into a special purpose trust created by a broker-dealer. This trust, in turn, (a) issues floating rate certificates typically paying short-term tax-exempt interest rates to third parties in amounts equal to some fraction of the deposited bond's par amount or market value, and (b) issues an inverse floating rate certificate (sometimes referred to as an "inverse floater") to an investor (such as a Fund) interested in gaining investment exposure to a long-term municipal bond. The income received by the holder of the inverse floater varies inversely with the short-term rate paid to the floating rate certificates' holders, and in most circumstances the holder of the inverse floater bears substantially all of the underlying bond's downside investment risk. The holder of the inverse floater typically also benefits disproportionately from any potential appreciation of the underlying bond's value. Hence, an inverse floater essentially represents an investment in the underlying bond on a leveraged basis.

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

- o LEVERAGE-ADJUSTED DURATION: Duration is a measure of the expected period over which a bond's principal and interest will be paid, and consequently is a measure of the sensitivity of a bond's or bond Fund's value to changes when market interest rates change. Generally, the longer a bond's or Fund's duration, the more the price of the bond or Fund will change as interest rates change. Leverage-adjusted duration takes into account the leveraging process for a Fund and therefore is longer than the duration of the Fund's portfolio of bonds.
- o MARKET YIELD (ALSO KNOWN AS DIVIDEND YIELD OR CURRENT YIELD): An investment's current annualized dividend divided by its current market price.
- o NET ASSET VALUE (NAV): A Fund's common share NAV per share is calculated by subtracting the liabilities of the Fund (including any MuniPreferred shares issued in order to leverage the Fund) from its total assets and then dividing the remainder by the number of shares outstanding. Fund NAVs are calculated at the end of each business day.
- o TAXABLE-EQUIVALENT YIELD: The yield necessary from a fully taxable investment to equal, on an after-tax basis, the yield of a municipal bond investment.

BOARD OF TRUSTEES

Robert P. Bremner
Jack B. Evans
William C. Hunter
David J. Kundert
William J. Schneider
Timothy R. Schwertfeger
Judith M. Stockdale
Carol E. Stone
Eugene S. Sunshine

FUND MANAGER

Nuveen Asset Management
333 West Wacker Drive
Chicago, IL 60606

CUSTODIAN

State Street Bank & Trust Company
Boston, MA

TRANSFER AGENT AND SHAREHOLDER SERVICES

State Street Bank & Trust Company
Nuveen Funds
P.O. Box 43071
Providence, RI 02940-3071
(800) 257-8787

LEGAL COUNSEL

Chapman and Cutler LLP
Chicago, IL

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Ernst & Young LLP
Chicago, IL

Each Fund intends to repurchase shares of its own common or preferred stock in

the future at such times and in such amounts as is deemed advisable. No shares were repurchased during the period covered by this report. Any future repurchases will be reported to shareholders in the next annual or semiannual report.

99

Nuveen Investments:

SERVING INVESTORS FOR GENERATIONS

Since 1898, financial advisors and their clients have relied on Nuveen Investments to provide dependable investment solutions. For the past century, Nuveen Investments has adhered to the belief that the best approach to investing is to apply conservative risk-management principles to help minimize volatility. Building on this tradition, we today offer a range of high quality equity and fixed-income solutions that are integral to a well-diversified core portfolio. Our clients have come to appreciate this diversity, as well as our continued adherence to proven, long-term investing principles.

We offer many different investing solutions for our clients' different needs.

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

Find out how we can help you reach your financial goals.

To learn more about the products and services Nuveen Investments offers, talk to your financial advisor, or call us at (800) 257-8787. Please read the information provided carefully before you invest. Be sure to obtain a prospectus, where applicable. Investors should consider the investment objective and policies, risk considerations, charges and expenses of the Fund carefully before investing. The prospectus contains this and other information relevant to an investment in the Fund. For a prospectus, please contact your securities representative or Nuveen Investments, 333 W. Wacker Dr., Chicago, IL 60606. Please read the prospectus carefully before you invest or send money.

Learn more about Nuveen Funds at:

www.nuveen.com/etf

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

EAN-B-0507D

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

ITEM 2. CODE OF ETHICS.

As of the end of the period covered by this report, the registrant has adopted a code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions. There were no amendments to or waivers from the Code during the period covered by this report. The registrant has posted the code of ethics on its website at www.nuveen.com/etf. (To view the code, click on the Investor Resources drop down menu box, click on Fund Governance and then click on Code of Conduct.)

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

The registrant's Board of Directors or Trustees determined that the registrant has at least one "audit committee financial expert" (as defined in Item 3 of Form N-CSR) serving on its Audit Committee. The registrant's audit committee financial expert is Jack B. Evans, Chairman of the Audit Committee, who is "independent" for purposes of Item 3 of Form N-CSR.

Mr. Evans was formerly President and Chief Operating Officer of SCI Financial Group, Inc., a full service registered broker-dealer and registered investment adviser ("SCI"). As part of his role as President and Chief Operating Officer, Mr. Evans actively supervised the Chief Financial Officer (the "CFO") and actively supervised the CFO's preparation of financial statements and other filings with various regulatory authorities. In such capacity, Mr. Evans was actively involved in the preparation of SCI's financial statements and the resolution of issues raised in connection therewith. Mr. Evans has also served on the audit committee of various reporting companies. At such companies, Mr. Evans was involved in the oversight of audits, audit plans, and the preparation of financial statements. Mr. Evans also formerly chaired the audit committee of the Federal Reserve Bank of Chicago.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Nuveen Massachusetts Premium Income Municipal Fund

The following tables show the amount of fees that Ernst & Young LLP, the Fund's auditor, billed to the Fund during the Fund's last two full fiscal years. For engagements with Ernst & Young LLP the Audit Committee approved in advance all audit services and non-audit services that Ernst & Young LLP provided to the Fund, except for those non-audit services that were subject to the pre-approval exception under Rule 2-01 of Regulation S-X (the "pre-approval exception"). The pre-approval exception for services provided directly to the Fund waives the pre-approval requirement for services other than audit, review or attest services if: (A) the aggregate amount of all such services provided constitutes no more than 5% of the total amount of revenues paid by the Fund to its accountant during the fiscal year in which the services are provided; (B) the Fund did not recognize the services as non-audit services at the time of the engagement; and (C) the services are promptly brought to the Audit Committee's attention, and the Committee (or its delegate) approves the services before the audit is completed.

The Audit Committee has delegated certain pre-approval responsibilities to its Chairman (or, in his absence, any other member of the Audit Committee).

SERVICES THAT THE FUND'S AUDITOR BILLED TO THE FUND

FISCAL YEAR ENDED	AUDIT FEES BILLED TO FUND (1)	AUDIT-RELATED FEES BILLED TO FUND (2)	TAX FEES BILLED TO FUND (3)
-------------------	----------------------------------	--	--------------------------------

May 31, 2007	\$ 9,097	\$ 0	\$ 0
Percentage approved pursuant to pre-approval exception	0%	0%	0%
May 31, 2006	\$ 8,626	\$ 0	\$ 404
Percentage approved pursuant to pre-approval exception	0%	0%	0%

- (1) "Audit Fees" are the aggregate fees billed for professional services for the audit of the Fund's annual financial statements and services provided in connection with statutory and regulatory filings or engagements.
- (2) "Audit Related Fees" are the aggregate fees billed for assurance and related services reasonably related to the performance of the audit or review of financial statements and are not reported under "Audit Fees".
- (3) "Tax Fees" are the aggregate fees billed for professional services for tax advice, tax compliance, and tax planning.
- (4) "All Other Fees" are the aggregate fees billed for products and services other than "Audit Fees", "Audit Related Fees", and "Tax Fees".

SERVICES THAT THE FUND'S AUDITOR BILLED TO THE ADVISER AND AFFILIATED FUND SERVICE PROVIDERS

The following tables show the amount of fees billed by Ernst & Young LLP to Nuveen Asset Management ("NAM" or the "Adviser"), and any entity controlling, controlled by or under common control with NAM ("Control Affiliate") that provides ongoing services to the Fund ("Affiliated Fund Service Provider"), for engagements directly related to the Fund's operations and financial reporting, during the Fund's last two full fiscal years.

The tables also show the percentage of fees subject to the pre-approval exception. The pre-approval exception for services provided to the Adviser and any Affiliated Fund Service Provider (other than audit, review or attest services) waives the pre-approval requirement if: (A) the aggregate amount of all such services provided constitutes no more than 5% of the total amount of revenues paid to Ernst & Young LLP by the Fund, the Adviser and Affiliated Fund Service Providers during the fiscal year in which the services are provided that would have to be pre-approved by the Audit Committee; (B) the Fund did not recognize the services as non-audit services at the time of the engagement; and (C) the services are promptly brought to the Audit Committee's attention, and the Committee (or its delegate) approves the services before the Fund's audit is completed.

FISCAL YEAR ENDED	AUDIT-RELATED FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS	TAX FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS (1)	ALL OTHER FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS
-------------------	--	--	--

May 31, 2007	\$ 0	\$ 0	\$
Percentage approved pursuant to pre-approval exception	0%	0%	0
May 31, 2006	\$ 0	\$ 2,400	\$
Percentage approved pursuant to pre-approval exception	0%	0%	0

(1) The amounts reported for the Fund under the column heading "Tax Fees" represents amounts billed to the Adviser exclusively for the preparation for the Fund's tax return, the cost of which is borne by the Adviser. In the aggregate, for all Nuveen funds for which Ernst & Young LLP serves as independent registered public accounting firm, these fees amounted to \$161,400 in 2006. Beginning with fund fiscal years ending August 31, 2006, Ernst & Young LLP will no longer prepare the fund tax returns.

NON-AUDIT SERVICES

The following table shows the amount of fees that Ernst & Young LLP billed during the Fund's last two full fiscal years for non-audit services. The Audit Committee is required to pre-approve non-audit services that Ernst & Young LLP provides to the Adviser and any Affiliated Fund Services Provider, if the engagement related directly to the Fund's operations and financial reporting (except for those subject to the de minimis exception described above). The Audit Committee requested and received information from Ernst & Young LLP about any non-audit services that Ernst & Young LLP rendered during the Fund's last fiscal year to the Adviser and any Affiliated Fund Service Provider. The Committee considered this information in evaluating Ernst & Young LLP's independence.

FISCAL YEAR ENDED	TOTAL NON-AUDIT FEES BILLED TO FUND	TOTAL NON-AUDIT FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS (ENGAGEMENTS RELATED DIRECTLY TO THE OPERATIONS AND FINANCIAL REPORTING OF THE FUND)	TOTAL BILLED TO AFFILIATED PROVIDERS
May 31, 2007	\$ 2,250	\$ 0	
May 31, 2006	\$ 3,254	\$ 2,400	

"Non-Audit Fees billed to Adviser" for both fiscal year ends represent "Tax Fees" billed to Adviser in their respective amounts from the previous table.

Audit Committee Pre-Approval Policies and Procedures. Generally, the Audit Committee must approve (i) all non-audit services to be performed for the Fund by the Fund's independent accountants and (ii) all audit and non-audit services

to be performed by the Fund's independent accountants for the Affiliated Fund Service Providers with respect to operations and financial reporting of the Fund. Regarding tax and research projects conducted by the independent accountants for the Fund and Affiliated Fund Service Providers (with respect to operations and financial reports of the Fund) such engagements will be (i) pre-approved by the Audit Committee if they are expected to be for amounts greater than \$10,000; (ii) reported to the Audit Committee chairman for his verbal approval prior to engagement if they are expected to be for amounts under \$10,000 but greater than \$5,000; and (iii) reported to the Audit Committee at the next Audit Committee meeting if they are expected to be for an amount under \$5,000.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

The registrant's Board of Directors or Trustees has a separately designated Audit Committee established in accordance with Section 3(a)(58)(A) of the Securities Exchange Act of 1934, as amended (15 U.S.C. 78c(a)(58)(A)). The members of the audit committee are Robert P. Bremner, Jack B. Evans, William J. Schneider, Eugene S. Sunshine and David J. Kundert.

ITEM 6. SCHEDULE OF INVESTMENTS.

See Portfolio of Investments in Item 1.

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

The registrant invests its assets primarily in municipal bonds and cash management securities. On rare occasions the registrant may acquire, directly or through a special purpose vehicle, equity securities of a municipal bond issuer whose bonds the registrant already owns when such bonds have deteriorated or are expected shortly to deteriorate significantly in credit quality. The purpose of acquiring equity securities generally will be to acquire control of the municipal bond issuer and to seek to prevent the credit deterioration or facilitate the liquidation or other workout of the distressed issuer's credit problem. In the course of exercising control of a distressed municipal issuer, NAM may pursue the registrant's interests in a variety of ways, which may entail negotiating and executing consents, agreements and other arrangements, and otherwise influencing the management of the issuer. NAM does not consider such activities proxy voting for purposes of Rule 206(4)-6 under the 1940 Act, but nevertheless provides reports to the registrant's Board of Trustees on its control activities on a quarterly basis.

In the rare event that a municipal issuer were to issue a proxy or that the registrant were to receive a proxy issued by a cash management security, NAM would either engage an independent third party to determine how the proxy should be voted or vote the proxy with the consent, or based on the instructions, of the registrant's Board of Trustees or its representative. A member of NAM's legal department would oversee the administration of the voting, and ensure that records were maintained in accordance with Rule 206(4)-6, reports were filed with the SEC on Form N-PX, and the results provided to the registrant's Board of Trustees and made available to shareholders as required by applicable rules.

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

THE PORTFOLIO MANAGER

The following individual has primary responsibility for the day-to-day implementation of the registrant's investment strategies:

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

NAME	FUND
CATHRYN P. STEEVES	Nuveen Massachusetts Premium Income Municipal Fund

Other Accounts Managed. In addition to managing the registrant, the portfolio manager is also primarily responsible for the day-to-day portfolio management of the following accounts:

PORTFOLIO MANAGER	TYPE OF ACCOUNT MANAGED	NUMBER OF ACCOUNTS

Cathryn P. Steeves	Registered Investment Company	41
	Other Pooled Investment Vehicles	-0
	Other Accounts	-0

* Assets are as of May 31, 2007. None of the assets in these accounts are subject to an advisory fee based on performance.

Compensation. Each portfolio manager's compensation consists of three basic elements--base salary, cash bonus and long-term incentive compensation. The compensation strategy is to annually compare overall compensation, including these three elements, to the market in order to create a compensation structure that is competitive and consistent with similar financial services companies. As discussed below, several factors are considered in determining each portfolio manager's total compensation. In any year these factors may include, among others, the effectiveness of the investment strategies recommended by the portfolio manager's investment team, the investment performance of the accounts managed by the portfolio manager, and the overall performance of Nuveen Investments, Inc. (the parent company of NAM). Although investment performance is a factor in determining the portfolio manager's compensation, it is not necessarily a decisive factor. The portfolio manager's performance is evaluated in part by comparing manager's performance against a specified investment benchmark. This fund-specific benchmark is a customized subset (limited to bonds in each Fund's specific state and with certain maturity parameters) of the S&P/Investortools Municipal Bond index, an index comprised of bonds held by managed municipal bond fund customers of Standard & Poor's Securities Pricing, Inc. that are priced daily and whose fund holdings aggregate at least \$2 million. As of April 30, 2007, the S&P/Investortools Municipal Bond index was comprised of 50,300 securities with an aggregate current market value of \$985.260 billion.

Base salary. Each portfolio manager is paid a base salary that is set at a level determined by NAM in accordance with its overall compensation strategy discussed above. NAM is not under any current contractual obligation to increase a portfolio manager's base salary.

Cash bonus. Each portfolio manager is also eligible to receive an annual cash bonus. The level of this bonus is based upon evaluations and determinations made by each portfolio manager's supervisors, along with reviews submitted by his peers. These reviews and evaluations often take into account a number of factors, including the effectiveness of the investment strategies recommended to the NAM's investment team, the performance of the accounts for which he serves as portfolio manager relative to any benchmarks established for those accounts, his effectiveness in communicating investment performance to stockholders and their representatives, and his contribution to the NAM's investment process and to the execution of investment strategies. The cash bonus component is also

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form N-CSR

impacted by the overall performance of Nuveen Investments, Inc. in achieving its business objectives.

Long-term incentive compensation. Each portfolio manager is eligible to receive bonus compensation in the form of equity-based awards issued in securities issued by Nuveen Investments, Inc. The amount of such compensation is dependent upon the same factors articulated for cash bonus awards but also factors in his long-term potential with the firm.

Material Conflicts of Interest. Each portfolio manager's simultaneous management of the registrant and the other accounts noted above may present actual or apparent conflicts of interest with respect to the allocation and aggregation of securities orders placed on behalf of the Registrant and the other account. NAM, however, believes that such potential conflicts are mitigated by the fact that the NAM has adopted several policies that address potential conflicts of interest, including best execution and trade allocation policies that are designed to ensure (1) that portfolio management is seeking the best price for portfolio securities under the circumstances, (2) fair and equitable allocation of investment opportunities among accounts over time and (3) compliance with applicable regulatory requirements. All accounts are to be treated in a non-preferential manner, such that allocations are not based upon account performance, fee structure or preference of the portfolio manager. In addition, NAM has adopted a Code of Conduct that sets forth policies regarding conflicts of interest.

Beneficial Ownership of Securities. As of the May 31, 2007, the portfolio manager beneficially owned the following dollar range of equity securities issued by the Registrant and other Nuveen Funds managed by NAM's municipal investment team.

NAME OF PORTFOLIO MANAGER	FUND	DOLLAR RANGE OF EQUITY SECURITIES BENEFICIALLY OWNED IN FUND	DOLLAR RANGE OF EQUITY SECURITIES BENEFICIALLY OWNED IN THE NUVEEN FUNDS MANAGED BY NAM'S MUNICIPAL INVESTMENT TEAM
Cathryn Steeves	Nuveen Massachusetts Premium Income Municipal Fund	\$0	\$10,000,000

PORTFOLIO MANAGER BIO:

Cathryn Steeves, PhD is currently a portfolio manager for 42 state-specific municipal bond funds. She joined Nuveen in 1996 and worked as a senior analyst in the healthcare sector. Cathryn has an undergraduate degree from Wake Forest University, an MA, MPhil and a PhD from Columbia University.

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. Letter or number the exhibits in the sequence indicated.

(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 because the code is posted on registrant's website at www.nuveen.com/etf and there were no amendments during the period covered by this report. (To view the code, click on the Investor Resources drop down menu box, click on Fund Governance and then Code of Conduct.)

(a)(2) A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)) in the exact form set forth below: Ex-99.CERT Attached hereto.

(a)(3) Any written solicitation to purchase securities under Rule 23c-1 under the 1940 Act (17 CFR 270.23c-1) sent or given during the period covered by the report by or on behalf of the registrant to 10 or more persons. Not applicable.

(b) If the report is filed under Section 13(a) or 15(d) of the Exchange Act, provide the certifications required by Rule 30a-2(b) under the 1940 Act (17 CFR 270.30a-2(b)); Rule 13a-14(b) or Rule 15d-14(b) under the Exchange Act (17 CFR 240.13a-14(b) or 240.15d-14(b)), and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. 1350) as an exhibit. A certification furnished pursuant to this paragraph will not be deemed "filed" for purposes of Section 18 of the Exchange Act (15 U.S.C. 78r), or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference. Ex-99.906 CERT attached hereto.

SIGNATURES

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

(Registrant) Nuveen Massachusetts Premium Income Municipal Fund

By (Signature and Title)* /s/ Kevin J. McCarthy

Kevin J. McCarthy
Vice President and Secretary

Date: August 8, 2007

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

By (Signature and Title)* /s/ Gifford R. Zimmerman

Gifford R. Zimmerman
Chief Administrative Officer
(principal executive officer)

Date: August 8, 2007

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

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

Date: August 8, 2007

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