

NUVEEN MARYLAND PREMIUM INCOME MUNICIPAL FUND
Form N-Q
April 29, 2010

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT
COMPANY

Investment Company Act file number 811-7486

Nuveen Maryland Premium Income Municipal Fund
(Exact name of registrant as specified in charter)

Nuveen Investments
333 West Wacker Drive, Chicago, Illinois 60606
(Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

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

Date of fiscal year end: 5/31

Date of reporting period: 2/28/10

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

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

Item 1. Schedule of Investments

Portfolio of Investments (Unaudited)

Nuveen Maryland Premium Income Municipal Fund (NMY)

February 28, 2010

Principal

Amount (000) Description (1)

Consumer Discretionary 2.5% (1.7% of Total Investments)

Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A:

\$ 25 5.250%, 9/01/25 SYNCORA GTY Insured

4,825 5.250%, 9/01/39 SYNCORA GTY Insured

4,850 Total Consumer Discretionary

Consumer Staples 1.7% (1.1% of Total Investments)

2,685 Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Refunding Bonds, Series 2002, 5.375%, 5/15/33

Education and Civic Organizations 16.8% (11.2% of Total Investments)

1,250 Frederick County, Maryland, Educational Facilities Revenue Bonds, Mount Saint Mary's College, Series 2006, 5.625%, 9/01/38

1,000 Hartford County, Maryland, Economic Development Revenue Bonds, Battelle Memorial Institute, Series 2004, 5.250%, 4/01/34

Maryland Economic Development Corporation, Utility Infrastructure Revenue Bonds, University of Maryland College Park, Series 2001:

980 5.375%, 7/01/15 AMBAC Insured

980 5.375%, 7/01/16 AMBAC Insured

Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Bullis School, Series 2000:

750 5.250%, 7/01/25 AGM Insured

500 5.250%, 7/01/30 AGM Insured

1,250 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Goucher College, Series 2004, 5.125%, 7/01/34

1,430 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Johns Hopkins Hospital, Series 2004, Inverse 1003, 13.615%, 7/01/33 (IF)

1,825 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Maryland Institute College of Art, Series 2006, 5.000%, 6/01/30

1,365 Montgomery County Revenue Authority, Maryland, Lease Revenue Bonds, Montgomery College Arts Center Project, Series 2005A, 5.000%, 5/01/19

9,445 Morgan State University, Maryland, Student Tuition and Fee Revenue Refunding Bonds, Academic Fees and Auxiliary Facilities, Series 1993, 6.100%, 7/01/20 NPMFG Insured

1,685 University of Maryland, Auxiliary Facility and Tuition Revenue Bonds, Series 2006A, 5.000%, 10/01/22

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Westminster, Maryland, Educational Facilities Revenue Bonds, McDaniel College, Series 2006:

910 5.000%, 11/01/31

850 4.500%, 11/01/36

24,220 Total Education and Civic Organizations

Health Care 25.5% (17.0% of Total Investments)

2,990 Maryland Health and Higher Education Facilities Authority Revenue Bonds University of Maryland Medical System Issue, Series 2010, 5.125%, 7/01/39

1,500 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Anne Arundel Health System, Series 2010, 5.000%, 7/01/40

1,525 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Calvert Memorial Hospital, Series 2004, 5.500%, 7/01/36

3,250 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Carroll County General Hospital, Series 2002, 5.800%, 7/01/32

400 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Carroll Hospital Center, Series 2006, 5.000%, 7/01/40

1,665 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Civista Medical Center, Series 2005, 5.000%, 7/01/37 RAAI Insured

1,740 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Doctors Community Hospital, Series 2007A, 5.000%, 7/01/29

1,400 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Frederick Memorial Hospital, Series 2002, 5.125%, 7/01/35

1,500 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Greater Baltimore Medical Center, Series 2001, 5.000%, 7/01/34

1,000 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Johns Hopkins Hospital, Howard County General Hospital Acquisition, Series 1998, 5.000%, 7/01/19
NPFG Insured

2,000 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Kaiser Permanente System, Series 1998A, 5.375%, 7/01/15

3,800 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Kennedy Krieger Institute, Series 2003, 5.500%, 7/01/33

1,175 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2008, 5.000%, 7/01/28 AGC Insured

1,750 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24

3,310 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2007, 5.250%, 5/15/46 BHAC Insured

Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Center Project, Series 2007A:

1,010 5.000%, 7/01/37

670 5.500%, 7/01/42

1,700 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Peninsula Regional

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Medical Center, Series 2006, 5.000%, 7/01/36

3,250 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Union Hospital of Cecil County, Series 2002, 5.625%, 7/01/32

1,000 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, University of Maryland Medical System, Series 2004B, 5.000%, 7/01/24 AMBAC Insured

3,395 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Washington County Hospital, Series 2008, 5.750%, 1/01/38

Prince George's County, Maryland, Revenue Bonds, Dimensions Health Corporation, Series 1994:

360 5.375%, 7/01/14

295 5.300%, 7/01/24

40,685 Total Health Care

Housing/Multifamily 12.8% (8.5% of Total Investments)

2,065 Anne Arundel County, Maryland, FNMA Multifamily Housing Revenue Bonds, Glenview Gardens Apartments Project, Series 2009, 5.000%, 1/01/28 (Mandatory put 1/01/27)

1,450 Maryland Community Development Administration, FNMA Multifamily Development Revenue Bonds, Edgewater Village Apartments, Series 2000B, 5.800%, 8/01/20 (Alternative Minimum Tax)

2,500 Maryland Community Development Administration, Housing Revenue Bonds, Series 1999A, 5.350%, 7/01/41 (Alternative Minimum Tax)

880 Maryland Community Development Administration, Housing Revenue Bonds, Series 1999B, 6.250%, 7/01/32 (Alternative Minimum Tax)

1,000 Maryland Economic Development Corporation, Senior Lien Student Housing Revenue Bonds, University of Maryland - Baltimore, Series 2003A, 5.625%, 10/01/23

1,000 Maryland Economic Development Corporation, Student Housing Revenue Bonds, Collegiate Housing Foundation - Salisbury State University, Series 1999A, 6.000%, 6/01/19

1,145 Maryland Economic Development Corporation, Student Housing Revenue Refunding Bonds, University of Maryland College Park Projects, Series 2006, 5.000%, 6/01/33 CIFG Insured

3,830 Montgomery County Housing Opportunities Commission, Maryland, FNMA/FHA-Insured Multifamily Housing Development Bonds, Series 1998A, 5.200%, 7/01/30

360 Montgomery County Housing Opportunities Commission, Maryland, GNMA/FHA-Insured Multifamily Housing Revenue Bonds, Series 1995A, 5.900%, 7/01/15

2,000 Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000A, 6.100%, 7/01/30

540 Prince George's County Housing Authority, Maryland, GNMA Collateralized Mortgage Revenue Bonds, University Landing Apartments, Series 1999, 6.100%, 3/20/41 (Alternative Minimum Tax)

Prince George's County Housing Authority, Maryland, GNMA Collateralized Mortgage Revenue Refunding Bonds, Overlook Apartments, Series 1995A:

1,770 5.700%, 12/20/15

1,670 5.750%, 12/20/19

20,210 Total Housing/Multifamily

Housing/Single Family 11.3% (7.5% of Total Investments)

2,510 Maryland Community Development Administration Department of Housing and Community Development,

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- Residential Revenue Bonds, Series 2008C, 5.375%, 9/01/39
- 3,000 Maryland Community Development Administration Department of Housing and Community Development, Residential Revenue Bonds, Series 2009B, 4.750%, 9/01/39
Maryland Community Development Administration, Department of Housing and Community Development, Residential Revenue Bonds, Series 2006:
- 600 4.750%, 9/01/25 (Alternative Minimum Tax) (UB)
- 1,195 4.900%, 9/01/26 (Alternative Minimum Tax) (UB)
- 4,100 4.875%, 9/01/26 (Alternative Minimum Tax) (UB)
- 1,630 4.900%, 9/01/31 (Alternative Minimum Tax) (UB)
Maryland Community Development Administration, Department of Housing and Community Development, Residential Revenue Bonds, Series 2007:
- 650 5.000%, 9/01/27 (Alternative Minimum Tax) (UB)
- 1,200 4.850%, 9/01/37 (Alternative Minimum Tax) (UB)
- 2,330 Maryland Community Development Administration, Department of Housing and Community Development, Residential Revenue Bonds, Series 2005, 4.900%, 9/01/36
(Alternative Minimum Tax) (UB)
- 5 Prince George's County Housing Authority, Maryland, FHLMC/FNMA/GNMA Collateralized Single Family Mortgage Revenue Bonds, Series 2000A, 6.150%, 8/01/19 (Alternative Minimum Tax)
- 305 Puerto Rico Housing Finance Authority, Mortgage-Backed Securities Program Home Mortgage Revenue Bonds, Series 2003A, 4.875%, 6/01/34 (Alternative Minimum Tax)
- 17,525 Total Housing/Single Family
- Industrials 2.7% (1.8% of Total Investments)**
- 2,010 Maryland Economic Development Corporation, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2002, 4.600%, 4/01/16 (Alternative Minimum Tax)
- 2,150 Maryland Economic Development Revenue Bonds, Transportation Facilities Project, Series A and B, 5.750%, 6/01/35
- 4,160 Total Industrials
- Long-Term Care 3.2% (2.1% of Total Investments)**
- 2,455 Baltimore County, Maryland, Revenue Bonds, Oak Crest Village, Series 2007A, 5.000%, 1/01/37
- 1,000 Carroll County, Maryland, Revenue Refunding Bonds, EMA Obligated Group, Series 1999A, 5.625%, 1/01/25 RAAI Insured
- 995 Gaithersburg, Maryland, Economic Development Revenue Bonds, Asbury Methodist Homes Inc., Series 2009B, 6.000%, 1/01/23
- 1,065 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Ridge Retirement Community, Series 2007, 4.750%, 7/01/34
- 5,515 Total Long-Term Care
- Tax Obligation/General 29.2% (19.5% of Total Investments)**
- 2,030 Anne Arundel County, Maryland, General Obligation Bonds, Series 2004, 5.000%, 4/01/16
- 1,000 Anne Arundel County, Maryland, General Obligation Bonds, Series 2006, 5.000%, 3/01/21
- 685 Anne Arundel County, Maryland, Water and Sewer Revenue Bonds, Series 2006, 5.000%, 3/01/17
Baltimore County, Maryland, Metropolitan District Special Assessment Bonds, 67th Issue:

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- 2,500 5.000%, 6/01/25
- 3,500 5.000%, 6/01/26
- 1,540 Baltimore, Maryland, General Obligation Consolidated Public Improvement Bonds, Series 2004A, 5.000%, 10/15/22 AMBAC Insured
- 700 Carroll County, Maryland, Consolidated Public Improvement Bonds, Series 2005A, 5.000%, 12/01/16
- Charles County, Maryland, Consolidated General Obligation Public Improvement Bonds, Series 2006:
- 2,185 5.000%, 3/01/14
- 820 5.000%, 3/01/16
- Howard County, Maryland, Consolidated Public Improvement Bonds, Series 2004B:
- 1,625 5.000%, 8/15/17
- 1,180 5.000%, 8/15/19
- 1,725 Howard County, Maryland, Metropolitan District Refunding Bonds, Series 2002A, 5.250%, 8/15/18
- 1,190 Maryland National Capital Park Planning Commission, Prince George's County, General Obligation Bonds, Park Acquisition and Development, Series 2004EE-2, 5.000%, 1/15/17
- 3,000 Montgomery County, Maryland, Consolidated General Obligation Public Improvement Bonds, Series 2005A, 5.000%, 7/01/15
- Montgomery County, Maryland, Consolidated General Obligation Public Improvement Refunding Bonds, Series 2001:
- 1,750 5.250%, 10/01/13
- 2,000 5.250%, 10/01/18
- 2,000 Prince George's County, Maryland, General Obligation Consolidated Public Improvement Bonds, Series 2002, 4.100%, 9/15/19
- 5,770 Prince George's County, Maryland, General Obligation Consolidated Public Improvement Bonds, Series 2003A, 5.000%, 10/01/18
- Washington Suburban Sanitary District, Montgomery and Prince George's Counties, Maryland, Sewerage Disposal Bonds, Series 2005:
- 2,000 5.000%, 6/01/16
- 1,235 5.000%, 6/01/23
- 1,235 5.000%, 6/01/24
- 1,235 5.000%, 6/01/25
- 40,905 Total Tax Obligation/General
- Tax Obligation/Limited 15.7% (10.4% of Total Investments)**
- 300 Baltimore, Maryland, Special Obligation Bonds, North Locust Point Project, Series 2005, 5.500%, 9/01/34
- 340 Frederick County, Maryland, Lake Linganore Village Community Development Special Obligation Bonds, Series 2001A, 5.700%, 7/01/29 RAAI Insured
- 900 Hyattsville, Maryland, Special Obligation Bonds, University Town Center Project, Series 2004, 5.750%, 7/01/34
- Maryland Department of Transportation, Certificates of Participation, Mass Transit Administration Project, Series 2000:

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- 875 5.500%, 10/15/19 (Alternative Minimum Tax)
- 925 5.500%, 10/15/20 (Alternative Minimum Tax)
- 4,250 Maryland Department of Transportation, Consolidated Transportation Revenue Bonds, Series 2002, 5.500%, 2/01/16
- 1,875 Maryland Economic Development Corporation, Lease Revenue Bonds, Department of Transportation Headquarters Building, Series 2002, 5.375%, 6/01/19
- 1,700 Maryland Stadium Authority, Lease Revenue Bonds, Montgomery County Conference Center Facilities, Series 2003, 5.000%, 6/15/24
- 1,000 Montgomery County, Maryland, Lease Revenue Bonds, Metrorail Garage, Series 2002, 5.000%, 6/01/21
- 675 Montgomery County, Maryland, Special Obligation Bonds, West Germantown Development District, Senior Series 2002A, 5.500%, 7/01/27 RAAI Insured
- 635 New Baltimore City Board of School Commissioners, Maryland, School System Revenue Bonds, Series 2000, 5.125%, 11/01/15
- Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N:
 - 1,000 5.500%, 7/01/29 AMBAC Insured
 - 2,500 5.250%, 7/01/31 AMBAC Insured
 - 1,000 5.250%, 7/01/33 NPMFG Insured
- 2,100 Puerto Rico Municipal Finance Agency, Series 2002A, 5.250%, 8/01/21 AGM Insured
- Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2010A:
 - 1,425 5.375%, 8/01/39
 - 200 5.500%, 8/01/42
- 1,500 Puerto Rico, Highway Revenue Bonds, Highway and Transportation Authority, Series 2003AA, 5.500%, 7/01/19 NPMFG Insured
- 23,200 Total Tax Obligation/Limited
 - Transportation 4.8% (3.2% of Total Investments)**
- 1,060 Baltimore, Maryland, Revenue Refunding Bonds, Parking System Facilities, Series 1998A, 5.250%, 7/01/17 FGIC Insured
- 4,335 Maryland Transportation Authority, Revenue Bonds, Transportation Facilities Projects, Series 2007, 5.000%, 7/01/30 AGM Insured (UB)
- 2,075 Puerto Rico Ports Authority, Special Facilities Revenue Bonds, American Airlines Inc., Series 1996A, 6.250%, 6/01/26 (Alternative Minimum Tax)
- 7,470 Total Transportation
 - U.S. Guaranteed 16.7% (11.1% of Total Investments) (4)**
- 2,000 Baltimore, Maryland, Revenue Refunding Bonds, Water Projects, Series 1998A, 5.000%, 7/01/28 FGIC Insured (ETM)
- 2,000 Baltimore, Maryland, Revenue Refunding Bonds, Water System Projects, Series 1994A, 5.000%, 7/01/24 FGIC Insured (ETM)
- 1,245 Baltimore, Maryland, Wastewater Project Revenue Bonds, Series 2006C, 5.000%, 7/01/31 (Pre-refunded 7/01/16) AMBAC Insured

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- 275 Frederick County, Maryland, Lake Linganore Village Community Development Special Obligation Bonds, Series 2001A, 5.700%, 7/01/29 (Pre-refunded 7/01/10) RAAI Insured
- 1,440 Gaithersburg, Maryland, Hospital Facilities Revenue Refunding and Improvement Bonds, Shady Grove Adventist Hospital, Series 1995, 6.500%, 9/01/12 AGM Insured (ETM)
- 575 Howard County, Maryland, Consolidated Public Improvement Refunding Bonds, Series 2002A, 5.250%, 8/15/18 (Pre-refunded 2/15/12)
Maryland Economic Development Corporation, Health and Mental Hygiene Providers Revenue Bonds, Series 1996A:
 - 840 7.625%, 4/01/21 (Pre-refunded 4/01/11)
 - 625 7.625%, 4/01/21 (Pre-refunded 4/01/11)
- 3,200 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Helix Health, Series 1997, 5.000%, 7/01/27 AMBAC Insured (ETM)
- 3,125 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Howard County General Hospital, Series 1993, 5.500%, 7/01/25 (ETM)
- 2,040 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2004A, 5.125%, 7/01/34 (Pre-refunded 7/01/14)
- 1,500 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, University of Maryland Medical System, Series 2002, 6.000%, 7/01/22 (Pre-refunded 7/01/12)
- 175 Maryland Transportation Authority, Revenue Refunding Bonds, Transportation Facilities Projects, First Series 1978, 6.800%, 7/01/16 (ETM)
- 1,000 Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/20
- 1,000 Puerto Rico, Highway Revenue Bonds, Highway and Transportation Authority, Series 1996Y, 5.500%, 7/01/36 (Pre-refunded 7/01/16)
- 235 Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Bonds, Series 2000, 5.750%, 7/01/20 (Pre-refunded 7/01/10)
- 2,000 Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Series 1999A, 6.500%, 10/01/24 (Pre-refunded 10/01/10)
- 23,275 Total U.S. Guaranteed
 - Utilities 3.9% (2.6% of Total Investments)**
 - 2,500 Maryland Energy Financing Administration, Revenue Bonds, AES Warrior Run Project, Series 1995, 7.400%, 9/01/19 (Alternative Minimum Tax)
 - 3,500 Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2004PP, 5.000%, 7/01/22 FGIC Insured
 - 6,000 Total Utilities
 - Water and Sewer 3.4% (2.3% of Total Investments)**
 - 1,045 Baltimore, Maryland, Revenue Refunding Bonds, Water System Projects, Series 1994A, 5.000%, 7/01/24 FGIC Insured
 - 1,655 Baltimore, Maryland, Wastewater Project Revenue Bonds, Series 2006C, 5.000%, 7/01/31 AMBAC Insured
 - 1,260 Baltimore, Maryland, Wastewater Project Revenue Bonds, Series 2007D, 5.000%, 7/01/32

AMBAC Insured

860 Maryland Water Quality Financing Administration, Revolving Loan Fund Revenue Bonds, Series 2005A, 5.000%, 9/01/15

4,820 Total Water and Sewer

\$ 225,520 Total Investments (cost \$226,094,950) 150.2%

Floating Rate Obligations (6.4)%

MuniFund Term Preferred Shares, at Liquidation Value (25.0)% (5)

Other Assets Less Liabilities 4.0%

Auction Rate Preferred Shares, at Liquidation Value (22.8)% (5)

Net Assets Applicable to Common Shares 100%

Fair Value Measurements

In determining the value of the Fund's investments, various inputs are used. These inputs are summarized in the three broad levels listed below:

Level 1 Quoted prices in active markets for identical securities.

Level 2 Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 Significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodology used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of February 28, 2010:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ 233,375,301		\$ 233,375,301	

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not

require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

At February 28, 2010, the cost of investments was \$217,107,954.

Gross unrealized appreciation and gross unrealized depreciation of investments at February 28, 2010, were as follows:

Gross unrealized:

Appreciation	\$12,291,270
Depreciation	(5,985,899)
Net unrealized appreciation (depreciation) of investments	\$ 6,305,371

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the higher of Standard & Poor's Group (Standard & Poor's) or Moody's Investor Service, Inc. (Moody's) rating. Ratings below BBB by Standard & Poor's or Baa by Moody's 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) MuniFund Term Preferred Shares and Auction Rate Preferred Shares, at Liquidation Value as a percentage of Total Investments are 16.6% and 15.2%, respectively.

N/R Not rated.

(ETM) Escrowed to maturity.

(IF) Inverse floating rate investment.

(UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

Item 2. 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 Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (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 registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form 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)), exactly as set forth below: See EX-99 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 Maryland Premium Income Municipal Fund

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

Date April 29, 2010

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 April 29, 2010

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

Date April 29, 2010