

NUVEEN MARYLAND PREMIUM INCOME MUNICIPAL FUND
Form N-Q
October 28, 2011

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: 8/31/11

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)

August 31, 2011

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Consumer Discretionary – 2.7% (1.8% of Total Investments) Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A:			
\$ 25	5.250%, 9/01/25 – SYNCORA GTY Insured	9/16 at 100.00	Baa3	\$ 23,174
4,825	5.250%, 9/01/39 – SYNCORA GTY Insured	9/16 at 100.00	Baa3	4,248,413
4,850	Total Consumer Discretionary			4,271,587
	Consumer Staples – 4.8% (3.1% of Total Investments) Guam Economic Development & Commerce Authority, Tobacco Settlement Asset-Backed Bonds, Series 2007A:			
810	5.250%, 6/01/32	6/17 at 100.00	N/R	744,665
1,200	5.625%, 6/01/47	6/17 at 100.00	N/R	986,952
77,000	Puerto Rico, The Children’s Trust Fund, Tobacco Settlement Asset-Backed Bonds, Series 2005A, 0.000%, 5/15/50	5/15 at 11.19	BBB–	2,504,040
	Puerto Rico, The Children’s Trust Fund, Tobacco Settlement Asset-Backed Refunding Bonds, Series 2002:			
2,590	5.375%, 5/15/33	5/12 at 100.00	BBB	2,415,538
1,000	5.500%, 5/15/39	5/12 at 100.00	BBB	836,530
82,600	Total Consumer Staples			7,487,725
	Education and Civic Organizations – 16.0% (10.5% of Total Investments) Frederick County, Maryland, Educational Facilities Revenue Bonds, Mount Saint Mary’s College, Series 2006, 5.625%, 9/01/38	9/16 at 100.00	BB+	1,145,688
1,000	Hartford County, Maryland, Economic Development Revenue Bonds, Battelle Memorial Institute, Series 2004, 5.250%, 4/01/34	4/14 at 100.00	A+	1,008,350
	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Bullis School, Series 2000:			
825	5.250%, 7/01/25 – AGM Insured		AA+	834,191

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		1/13 at		
		100.00		
		1/12 at		
500	5.250%, 7/01/30 – AGM Insured	100.50	AA+	505,350
	Maryland Health and Higher Educational Facilities Authority,	7/14 at		
1,250	Revenue Bonds, Goucher College,	100.00	A–	1,260,888
	Series 2004, 5.125%, 7/01/34			
	Maryland Health and Higher Educational Facilities Authority,	No Opt.		
1,430	Revenue Bonds, Johns Hopkins	Call	AA+	1,565,021
	University, Series 2004, Trust 1003, 13.587%, 1/01/13 (IF)			
	Maryland Health and Higher Educational Facilities Authority,	6/16 at		
1,825	Revenue Bonds, Maryland Institute	100.00	Baa1	1,783,609
	College of Art, Series 2006, 5.000%, 6/01/30			
	Maryland Health and Higher Educational Facilities Authority,	7/20 at		
330	Revenue Bonds, Patterson Park	100.00	BBB–	313,107
	Public Charter School Issue, Series 2010, 6.000%, 7/01/40			
	Maryland Industrial Development Financing Authority, Revenue	5/15 at		
500	Bonds, Our Lady of Good Counsel	100.00	N/R	501,415
	High School, Series 2005A, 6.000%, 5/01/35			
	Montgomery County Revenue Authority, Maryland, Lease Revenue	5/15 at		
1,365	Bonds, Montgomery College Arts	100.00	Aa3	1,484,560
	Center Project, Series 2005A, 5.000%, 5/01/19			
	Morgan State University, Maryland, Student Tuition and Fee	No Opt.		
9,445	Revenue Refunding Bonds, Academic	Call	Aa3	11,244,367
	Fees and Auxiliary Facilities, Series 1993, 6.100%, 7/01/20 – NPFG			
	Insured			
	University of Maryland, Auxiliary Facility and Tuition Revenue	10/16 at		
1,685	Bonds, Series 2006A,	100.00	AA+	1,883,594
	5.000%, 10/01/22			
	Westminster, Maryland, Educational Facilities Revenue Bonds,			
	McDaniel College, Series 2006:			
		11/16 at		
910	5.000%, 11/01/31	100.00	BBB+	882,937
		11/16 at		
850	4.500%, 11/01/36	100.00	BBB+	717,494
23,165	Total Education and Civic Organizations			25,130,571
	Health Care – 28.3% (18.6% of Total Investments)			
	Baltimore County, Maryland, Catholic Health Initiatives, Revenue	9/16 at		
500	Bonds, Series 2006A,	100.00	AA	508,395
	5.000%, 9/01/36			
	Maryland Health and Higher Education Facilities Authority,	7/19 at		
2,990	Revenue Bonds, University of	100.00	A	3,035,059
	Maryland Medical System Issue, Series 2010, 5.125%, 7/01/39			
	Maryland Health and Higher Educational Facilities Authority,	No Opt.		
565	Revenue Bonds Doctors Community	Call	Baa3	500,409
	Hospital, Refunding Series 2010, 5.750%, 7/01/38			
	Maryland Health and Higher Educational Facilities Authority,	1/22 at		
850	Revenue Bonds, Adventist	100.00	Baa2	870,043
	Healthcare, Series 2011A, 6.250%, 1/01/31 (WI/DD, Settling			
	9/01/11)			
1,500			A–	1,499,895

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	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Anne Arundel Health System, Series 2010, 5.000%, 7/01/40	7/19 at 100.00		
1,525	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Calvert Memorial Hospital, Series 2004, 5.500%, 7/01/36	7/14 at 100.00	A3	1,535,599
3,250	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Carroll County General Hospital, Series 2002, 5.800%, 7/01/32	7/12 at 100.00	A3	3,269,923
400	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Carroll Hospital Center, Series 2006, 5.000%, 7/01/40	7/16 at 100.00	A3	377,832
1,665	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Civista Medical Center, Series 2005, 5.000%, 7/01/37 – RAAI Insured	7/14 at 100.00	N/R	1,345,387
1,740	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Doctors Community Hospital, Series 2007A, 5.000%, 7/01/29	7/17 at 100.00	Baa3	1,491,250
1,400	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Frederick Memorial Hospital, Series 2002, 5.125%, 7/01/35	7/12 at 100.00	Baa1	1,295,658
1,200	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Greater Baltimore Medical Center, Series 2001, 5.000%, 7/01/34	1/12 at 100.00	A	1,180,656
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	1/12 at 100.00	Baa1	1,001,690
2,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Kaiser Permanente System, Series 1998A, 5.375%, 7/01/15	1/12 at 100.00	A+	2,004,920
3,800	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Kennedy Krieger Institute, Series 2003, 5.500%, 7/01/33	7/13 at 100.00	Baa3	3,724,000
1,175	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2008, 5.000%, 7/01/28 – AGC Insured	7/17 at 100.00	AA+	1,211,766
300	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2011, 6.000%, 7/01/41	7/21 at 100.00	A	317,796
1,750	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2004, 5.375%, 8/15/24	8/14 at 100.00	A2	1,790,198
3,310	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, MedStar Health, Series 2007, 5.250%, 5/15/46 – BHAC Insured	5/16 at 100.00	AA+	3,382,158
1,010	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Medical Center Issue, Series 2007A: 5.000%, 7/01/37		BBB	873,398

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		7/17 at		
		100.00		
		7/17 at		
670	5.500%, 7/01/42	100.00	BBB	613,506
	Maryland Health and Higher Educational Facilities Authority,	7/16 at		
1,700	Revenue Bonds, Peninsula Regional	100.00	A	1,685,550
	Medical Center, Series 2006, 5.000%, 7/01/36			
	Maryland Health and Higher Educational Facilities Authority,	5/20 at		
1,900	Revenue Bonds, The Johns Hopkins	100.00	AA-	1,945,657
	Health System Obligated Group Issue, Series 2010, 5.000%,			
	5/15/40			
	Maryland Health and Higher Educational Facilities Authority,	7/12 at		
3,250	Revenue Bonds, Union Hospital of	100.00	A3	3,261,375
	Cecil County, Series 2002, 5.625%, 7/01/32			
	Maryland Health and Higher Educational Facilities Authority,	7/13 at		
1,000	Revenue Bonds, University of	100.00	A	1,013,740
	Maryland Medical System, Series 2004B, 5.000%, 7/01/24 –			
	AMBAC Insured			
	Maryland Health and Higher Educational Facilities Authority,			
	Revenue Bonds, Washington County			
	Hospital, Series 2008:			
		1/18 at		
3,395	5.750%, 1/01/38	100.00	BBB-	3,304,931
		1/18 at		
1,000	6.000%, 1/01/43	100.00	BBB-	1,000,420
	Prince George's County, Maryland, Revenue Bonds, Dimensions			
	Health Corporation, Series 1994:			
		1/12 at		
225	5.375%, 7/01/14	100.00	B3	193,703
		1/12 at		
295	5.300%, 7/01/24	100.00	B3	194,989
45,365	Total Health Care			44,429,903
	Housing/Multifamily – 11.3% (7.5% of Total Investments)			
	Anne Arundel County, Maryland, FNMA Multifamily Housing	1/20 at		
2,065	Revenue Bonds, Glenview Gardens	102.00	AA+	2,133,909
	Apartments Project, Series 2009, 5.000%, 1/01/28 (Mandatory put			
	1/01/27)			
	Maryland Community Development Administration, FNMA	2/12 at		
1,450	Multifamily Development Revenue Bonds,	100.50	Aaa	1,466,472
	Edgewater Village Apartments, Series 2000B, 5.800%, 8/01/20			
	(Alternative Minimum Tax)			
	Maryland Community Development Administration, Housing	1/12 at		
2,500	Revenue Bonds, Series 1999A, 5.350%,	100.00	Aa2	2,500,125
	7/01/41 (Alternative Minimum Tax)			
	Maryland Community Development Administration, Housing	1/12 at		
685	Revenue Bonds, Series 1999B, 6.250%,	100.00	Aa2	685,664
	7/01/32 (Alternative Minimum Tax)			
	Maryland Economic Development Corporation, Senior Lien Student	10/13 at		
1,000	Housing Revenue Bonds,	100.00	B3	741,200
	University of Maryland – Baltimore, Series 2003A, 5.625%,			
	10/01/23			

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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	6/16 at 100.00	AA+	1,098,021
3,830	Montgomery County Housing Opportunities Commission, Maryland, FNMA/FHA-Insured Multifamily Housing Development Bonds, Series 1998A, 5.200%, 7/01/30	1/12 at 100.00	Aaa	3,831,685
300	Montgomery County Housing Opportunities Commission, Maryland, GNMA/FHA-Insured Multifamily Housing Revenue Bonds, Series 1995A, 5.900%, 7/01/15	1/12 at 100.00	Aa2	300,930
2,000	Montgomery County Housing Opportunities Commission, Maryland, Multifamily Housing Development Bonds, Series 2000A, 6.100%, 7/01/30	1/12 at 100.00	Aaa	2,002,120
1,385	Prince George’s County Housing Authority, Maryland, GNMA Collateralized Mortgage Revenue Refunding Bonds, Overlook Apartments, Series 1995A: 5.700%, 12/20/15	12/11 at 100.00	AA+	1,389,307
1,670	5.750%, 12/20/19	12/11 at 100.00	AA+	1,673,490
18,030	Total Housing/Multifamily Housing/Single Family – 11.7% (7.7% of Total Investments)			17,822,923
2,735	Maryland Community Development Administration Department of Housing and Community Development, Residential Revenue Bonds, Series 2008C, 5.375%, 9/01/39	9/18 at 100.00	Aa2	2,829,221
3,000	Maryland Community Development Administration Department of Housing and Community Development, Residential Revenue Bonds, Series 2009B, 4.750%, 9/01/39	9/18 at 100.00	Aa2	3,001,770
510	Maryland Community Development Administration Department of Housing and Community Development, Residential Revenue Bonds, Series 2010B, 5.250%, 9/01/35	3/20 at 100.00	Aa2	532,741
600	Maryland Community Development Administration, Department of Housing and Community Development, Residential Revenue Bonds, Series 2006: 4.750%, 9/01/25 (Alternative Minimum Tax) (UB)	9/15 at 100.00	Aa2	602,058
4,100	4.875%, 9/01/26 (Alternative Minimum Tax) (UB)	3/16 at 100.00	Aa2	4,132,924
1,195	4.900%, 9/01/26 (Alternative Minimum Tax) (UB)	9/15 at 100.00	Aa2	1,203,974
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:	9/16 at 100.00	Aa2	1,636,814
650	5.000%, 9/01/27 (Alternative Minimum Tax) (UB)	3/17 at 100.00	Aa2	657,000
1,200	4.850%, 9/01/37 (Alternative Minimum Tax) (UB)		Aa2	1,171,416

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		3/17 at		
		100.00		
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)	9/14 at 100.00	Aa2	2,304,160
275	Puerto Rico Housing Finance Authority, Mortgage-Backed Securities Program Home Mortgage Revenue Bonds, Series 2003A, 4.875%, 6/01/34 (Alternative Minimum Tax)	6/13 at 100.00	Aaa	273,111
18,225	Total Housing/Single Family Industrials – 2.7% (1.8% of Total Investments)			18,345,189
2,150	Maryland Economic Development Corporation, Economic Development Revenue Bonds, Transportation Facilities Project, Series 2010A, 5.750%, 6/01/35	6/20 at 100.00	Baa3	2,125,082
2,010	Maryland Economic Development Corporation, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2002, 4.600%, 4/01/16 (Alternative Minimum Tax)	4/12 at 101.00	BBB	2,058,421
4,160	Total Industrials Long-Term Care – 5.2% (3.5% of Total Investments)			4,183,503
2,455	Baltimore County, Maryland, Revenue Bonds, Oak Crest Village, Series 2007A, 5.000%, 1/01/37	1/17 at 100.00	BBB+	2,269,181
1,000	Carroll County, Maryland, Revenue Refunding Bonds, EMA Obligated Group, Series 1999A, 5.625%, 1/01/25 – RAAI Insured	1/12 at 100.00	BB–	871,910
995	Gaithersburg, Maryland, Economic Development Revenue Bonds, Asbury Methodist Homes Inc., Series 2009B, 6.000%, 1/01/23	1/20 at 100.00	N/R	1,039,984
3,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Charlestown Community Issue, Series 2010, 6.250%, 1/01/45	1/21 at 100.00	N/R	3,093,780
1,065	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Mercy Ridge Retirement Community, Series 2007, 4.750%, 7/01/34	7/17 at 100.00	A–	973,399
8,515	Total Long-Term Care Tax Obligation/General – 19.1% (12.6% of Total Investments)			8,248,254
2,030	Anne Arundel County, Maryland, General Obligation Bonds, Series 2004, 5.000%, 4/01/16	4/14 at 100.00	AAA	2,244,246
1,000	Anne Arundel County, Maryland, General Obligation Bonds, Series 2006, 5.000%, 3/01/21	3/16 at 100.00	AAA	1,119,340
685	Anne Arundel County, Maryland, Water and Sewer Revenue Bonds, Series 2006, 5.000%, 3/01/17	3/16 at 100.00	AAA	801,121
1,200	Baltimore, Maryland, General Obligation Bonds, Consolidated Public Improvements, Series 2011A, 5.000%, 10/15/30	10/21 at 100.00	Aa2	1,311,048
1,540	Baltimore, Maryland, General Obligation Consolidated Public Improvement Bonds, Series 2004A, 5.000%, 10/15/22 – AMBAC Insured	10/14 at 100.00	Aa2	1,685,253
700			AA+	822,472

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	Carroll County, Maryland, Consolidated Public Improvement Bonds, Series 2005A, 5.000%, 12/01/16	12/15 at 100.00		
	Charles County, Maryland, Consolidated General Obligation Public Improvement Bonds, Series 2006:			
2,185	5.000%, 3/01/14	No Opt. Call	Aa1	2,438,547
820	5.000%, 3/01/16	No Opt. Call	Aa1	970,011
1,725	Howard County, Maryland, General Obligation Metropolitan District Refunding Bonds, Series 2002A, 5.250%, 8/15/18	2/12 at 100.00	AAA	1,762,277
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	1/14 at 100.00	AAA	1,306,168
3,000	Montgomery County, Maryland, Consolidated General Obligation Public Improvement Bonds, Series 2005A, 5.000%, 7/01/15	No Opt. Call	AAA	3,512,550
	Montgomery County, Maryland, Consolidated General Obligation Public Improvement Refunding Bonds, Series 2001:			
1,750	5.250%, 10/01/13	10/11 at 101.00	AAA	1,774,973
2,000	5.250%, 10/01/18	10/11 at 101.00	AAA	2,028,540
2,000	Prince George's County, Maryland, General Obligation Consolidated Public Improvement Bonds, Series 2002, 4.100%, 9/15/19	9/12 at 101.00	AAA	2,066,960
5,770	Prince George's County, Maryland, General Obligation Consolidated Public Improvement Bonds, Series 2003A, 5.000%, 10/01/18	10/13 at 100.00	AAA	6,267,143
27,595	Total Tax Obligation/General Tax Obligation/Limited – 15.9% (10.5% of Total Investments)			30,110,649
380	Anne Arundel County, Maryland, Special Obligation Bonds, National Business Park – North Project, Series 2010, 6.100%, 7/01/40	7/18 at 102.00	N/R	368,931
300	Baltimore, Maryland, Special Obligation Bonds, North Locust Point Project, Series 2005, 5.500%, 9/01/34	9/15 at 101.00	N/R	274,788
340	Frederick County, Maryland, Lake Linganore Village Community Development Special Obligation Bonds, Series 2001A, 5.700%, 7/01/29 – RAAI Insured	7/12 at 100.00	N/R	325,309
	Fredrick County, Maryland, Special Obligation Bonds, Urbana Community Development Authority, Series 2010A:			
2,300	5.000%, 7/01/30	7/20 at 100.00	A–	2,370,242
1,000	5.000%, 7/01/40	7/20 at 100.00	A–	1,008,820
900			N/R	821,160

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	Hyattsville, Maryland, Special Obligation Bonds, University Town Center Project, Series 2004, 5.750%, 7/01/34	7/14 at 102.00		
4,250	Maryland Department of Transportation, Consolidated Transportation Revenue Bonds, Series 2002, 5.500%, 2/01/16	No Opt. Call	AAA	5,107,523
1,700	Maryland Stadium Authority, Lease Revenue Bonds, Montgomery County Conference Center Facilities, Series 2003, 5.000%, 6/15/24	6/13 at 100.00	AA+	1,806,318
1,000	Montgomery County, Maryland, Lease Revenue Bonds, Metrorail Garage, Series 2002, 5.000%, 6/01/21	6/12 at 100.00	AA	1,031,520
675	Montgomery County, Maryland, Special Obligation Bonds, West Germantown Development District, Senior Series 2002A, 5.500%, 7/01/27 – RAAI Insured	7/12 at 101.00	A2	684,295
400	Prince George’s County, Maryland, Special Obligation Bonds, National Harbor Project, Series 2005, 5.200%, 7/01/34	7/15 at 100.00	N/R	359,088
1,000	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N: 5.500%, 7/01/29 – AMBAC Insured	No Opt. Call	Baa1	1,009,560
2,500	5.250%, 7/01/31 – AMBAC Insured	No Opt. Call	Baa1	2,397,250
1,000	5.250%, 7/01/33 – NPMFG Insured	No Opt. Call	Baa1	943,520
2,100	Puerto Rico Municipal Finance Agency, Series 2002A, 5.250%, 8/01/21 – AGM Insured	8/12 at 100.00	AA+	2,123,520
1,425	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2010A: 5.375%, 8/01/39	2/20 at 100.00	A+	1,437,412
200	5.500%, 8/01/42	2/20 at 100.00	A+	202,882
1,500	Puerto Rico, Highway Revenue Bonds, Highway and Transportation Authority, Series 2003AA, 5.500%, 7/01/19 – NPMFG Insured	No Opt. Call	A3	1,683,165
1,000	Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Subordinate Lien Series 2010B, 5.250%, 10/01/29	10/20 at 100.00	Baa2	994,760
23,970	Total Tax Obligation/Limited Transportation – 5.0% (3.3% of Total Investments)			24,950,063
1,060	Baltimore, Maryland, Revenue Refunding Bonds, Parking System Facilities, Series 1998A, 5.250%, 7/01/17 – FGIC Insured	No Opt. Call	A1	1,197,185
265	Guam International Airport Authority, Revenue Bonds, Series 2003A, 5.250%, 10/01/21 – NPMFG Insured	10/13 at 100.00	Baa1	270,910
4,335	Maryland Transportation Authority, Revenue Bonds, Transportation Facilities Projects, Series	7/17 at 100.00	AA+	4,643,305

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	2007, 5.000%, 7/01/30 – AGM Insured (UB)			
	Puerto Rico Ports Authority, Special Facilities Revenue Bonds,	12/11 at		
2,075	American Airlines Inc., Series	100.00	CCC+	1,709,717
	1996A, 6.250%, 6/01/26 (Alternative Minimum Tax)			
7,735	Total Transportation			7,821,117
	U.S. Guaranteed – 20.4% (13.5% of Total Investments) (4)			
	Baltimore, Maryland, Revenue Refunding Bonds, Water Projects,	No Opt.		
2,000	Series 1998A, 5.000%, 7/01/28 –	Call	AA (4)	2,341,660
	FGIC Insured (ETM)			
	Baltimore, Maryland, Revenue Refunding Bonds, Water System	No Opt.		
2,000	Projects, Series 1994A, 5.000%,	Call	AAA	2,473,980
	7/01/24 – FGIC Insured (ETM)			
	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series	7/16 at		
1,245	2006C, 5.000%, 7/01/31	100.00	AA (4)	1,489,468
	(Pre-refunded 7/01/16) – AMBAC Insured			
	Gaithersburg, Maryland, Hospital Facilities Revenue Refunding and	No Opt.		
510	Improvement Bonds, Shady	Call	AA+ (4)	525,392
	Grove Adventist Hospital, Series 1995, 6.500%, 9/01/12 – AGM			
	Insured (ETM)			
	Howard County, Maryland, General Obligation Consolidated Public			
	Improvement Bonds,			
	Series 2004B:			
		2/14 at		
1,625	5.000%, 8/15/17 (Pre-refunded 2/15/14)	100.00	AAA	1,810,006
		2/14 at		
1,180	5.000%, 8/15/19 (Pre-refunded 2/15/14)	100.00	AAA	1,314,343
	Maryland Economic Development Corporation, Lease Revenue	6/12 at		
1,875	Bonds, Department of Transportation	100.50	Aaa	1,955,588
	Headquarters Building, Series 2002, 5.375%, 6/01/19 (Pre-refunded			
	6/01/12)			
	Maryland Economic Development Corporation, Student Housing	6/11 at		
915	Revenue Bonds, Collegiate Housing	100.00	Baa3 (4)	915,000
	Foundation – Salisbury State University, Series 1999A, 6.000%,			
	6/01/19 (Pre-refunded 6/01/11)			
	Maryland Health and Higher Educational Facilities Authority,	No Opt.		
3,200	Revenue Bonds, Helix Health,	Call	N/R (4)	3,816,640
	Series 1997, 5.000%, 7/01/27 – AMBAC Insured (ETM)			
	Maryland Health and Higher Educational Facilities Authority,	1/11 at		
3,125	Revenue Bonds, Howard County	100.00	Aaa	3,540,063
	General Hospital, Series 1993, 5.500%, 7/01/25 (ETM)			
	Maryland Health and Higher Educational Facilities Authority,	7/14 at		
2,040	Revenue Bonds, LifeBridge Health	100.00	A2 (4)	2,289,410
	System, Series 2004A, 5.125%, 7/01/34 (Pre-refunded 7/01/14)			
	Maryland Health and Higher Educational Facilities Authority,	7/12 at		
1,500	Revenue Bonds, University of	100.00	A (4)	1,572,210
	Maryland Medical System, Series 2002, 6.000%, 7/01/22			
	(Pre-refunded 7/01/12)			
	Maryland Transportation Authority, Revenue Refunding Bonds,	No Opt.		
135	Transportation Facilities	Call	AAA	156,655
	Projects, First Series 1978, 6.800%, 7/01/16 (ETM)			
1,000			Aaa	1,224,780

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	Puerto Rico, Highway Revenue Bonds, Highway and Transportation Authority, Series 1996Y, 5.500%, 7/01/36 (Pre-refunded 7/01/16)	7/16 at 100.00		
	Washington Suburban Sanitary District, Montgomery and Prince George's Counties, Maryland, Sewerage Disposal Bonds, Series 2005:			
2,000	5.000%, 6/01/16 (Pre-refunded 6/01/15)	6/15 at 100.00	AAA	2,328,400
1,235	5.000%, 6/01/23 (Pre-refunded 6/01/15)	6/15 at 100.00	AAA	1,437,787
1,235	5.000%, 6/01/24 (Pre-refunded 6/01/15)	6/15 at 100.00	AAA	1,437,787
1,235	5.000%, 6/01/25 (Pre-refunded 6/01/15)	6/15 at 100.00	AAA	1,437,786
28,055	Total U.S. Guaranteed Utilities – 3.9% (2.5% of Total Investments)			32,066,955
2,500	Maryland Energy Financing Administration, Revenue Bonds, AES Warrior Run Project, Series 1995, 7.400%, 9/01/19 (Alternative Minimum Tax)	11/11 at 100.00	N/R	2,505,424
3,500	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2004PP, 5.000%, 7/01/22 – FGIC Insured	7/14 at 100.00	A3	3,574,339
6,000	Total Utilities			6,079,763
	Water and Sewer – 4.7% (3.1% of Total Investments)			
1,045	Baltimore, Maryland, Revenue Refunding Bonds, Water System Projects, Series 1994A, 5.000%, 7/01/24 – FGIC Insured	No Opt. Call	AA	1,242,870
1,655	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series 2006C, 5.000%, 7/01/31 – AMBAC Insured	7/16 at 100.00	AA	1,732,552
1,260	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series 2007D, 5.000%, 7/01/32 – AMBAC Insured	7/17 at 100.00	AA	1,328,593
2,000	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series 2011A, 5.000%, 7/01/41	No Opt. Call	AA	2,141,839
860	Maryland Water Quality Financing Administration, Revolving Loan Fund Revenue Bonds, Series 2005A, 5.000%, 9/01/15	No Opt. Call	AAA	1,012,133
6,820	Total Water and Sewer			7,457,987
\$ 305,085	Total Investments (cost \$230,015,832) – 151.7%			238,406,189
	Floating Rate Obligations – (6.3%)			(9,962,000)
	MuniFund Term Preferred Shares, at Liquidation Value – (47.4%) (5)			(74,593,000)
	Other Assets Less Liabilities – 2.0%			3,356,418
	Net Assets Applicable to Common Shares – 100%			\$ 157,207,607

Fair Value Measurements

Fair value is defined as the price that the Fund would receive upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The three-tier hierarchy of inputs is 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 methodologies 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 August 31, 2011:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ —	\$238,406,189	\$ —	\$238,406,189

The following is a reconciliation of the Fund's Level 3 investments held at the beginning and end of the measurement period:

	Level 3 Municipal Bonds
Balance at the beginning of period	\$ 457,636
Gains (losses):	
Net realized gains (losses)	6,970
Net change in unrealized appreciation (depreciation)	(6,088)
Purchases at cost	—
Sales at proceeds	(70,000)
Net discounts (premiums)	173
Transfers in to	—
Transfers out of	(388,691)
Balance at the end of period	\$ —

During the period ended August 31, 2011, the Fund recognized no significant transfers to or from Level 1 or Level 2. Transfers in and/or out of Level 3 are shown using end of period values.

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 August 31, 2011, the cost of investments was \$220,942,383.

Gross unrealized appreciation and gross unrealized depreciation of investments at August 31, 2011, were as follows:

Gross unrealized:	
Appreciation	\$12,698,695
Depreciation	(5,196,583)
Net unrealized appreciation (depreciation) of investments	\$ 7,502,112

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
 - (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investor Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities,
 - (4) which ensure the timely payment of principal and interest. Bonds backed by U.S. Government or agency securities are given an implied rating equal to the rating of such securities.
 - (5) MuniFund Term Preferred Shares, at Liquidation Value as a percentage of Total Investments is 31.3%.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

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 October 28, 2011

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 October 28, 2011

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

Date October 28, 2011