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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-O

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

		Optional		
Principal		Call		
Amount		Provisions	Ratings	
	Description (1)	(2)	(3)	Value
(000)	Consumer Discretionary – 2.7% (1.8% of Total Investments)	(2)	(3)	varae
	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue			
	Bonds, Series 2006A:			
	Bonds, Series 20001.	9/16 at		
\$ 25	5.250%, 9/01/25 – SYNCORA GTY Insured	100.00	Baa3	\$ 23,174
Ψ 25	5125070, 7701725	9/16 at	Duus	Ψ 23,17.
4 825	5.250%, 9/01/39 – SYNCORA GTY Insured	100.00	Baa3	4,248,413
	Total Consumer Discretionary	100.00	Duus	4,271,587
1,050	Consumer Staples – 4.8% (3.1% of Total Investments)			1,271,507
	Guam Economic Development & Commerce Authority, Tobacco			
	Settlement Asset-Backed Bonds,			
	Series 2007A:			
	200711	6/17 at		
810	5.250%, 6/01/32	100.00	N/R	744,665
		6/17 at		, , , , , , , ,
1,200	5.625%, 6/01/47	100.00	N/R	986,952
,	Puerto Rico, The Children's Trust Fund, Tobacco Settlement	5/15 at		,
77,000	Asset-Backed Bonds, Series 2005A,	11.19	BBB-	2,504,040
,	0.000%, 5/15/50			, ,
	Puerto Rico, The Children's Trust Fund, Tobacco Settlement			
	Asset-Backed Refunding Bonds,			
	Series 2002:			
		5/12 at		
2,590	5.375%, 5/15/33	100.00	BBB	2,415,538
		5/12 at		
1,000	5.500%, 5/15/39	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,	9/16 at		
1,250	Mount Saint Mary's College,	100.00	BB+	1,145,688
	Series 2006, 5.625%, 9/01/38			
	Hartford County, Maryland, Economic Development Revenue	4/14 at		
1,000	Bonds, Battelle Memorial Institute,	100.00	A+	1,008,350
	Series 2004, 5.250%, 4/01/34			
	Maryland Health and Higher Educational Facilities Authority,			
	Revenue Bonds, Bullis School,			
	Series 2000:			
825	5.250%, 7/01/25 – AGM Insured		AA+	834,191

		1/13 at		
		100.00		
500	5.05000 TI01/00 ACMI	1/12 at		505.250
500	5.250%, 7/01/30 – AGM Insured	100.50	AA+	505,350
1.250	Maryland Health and Higher Educational Facilities Authority,	7/14 at		1.260.000
1,250	Revenue Bonds, Goucher College,	100.00	A–	1,260,888
	Series 2004, 5.125%, 7/01/34	N. O.		
4 420	Maryland Health and Higher Educational Facilities Authority,	No Opt.		1 7 6 7 0 2 1
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	•	100.00	Baa1	1,783,609
	College of Art, Series 2006, 5.000%, 6/01/30	= 10 0		
	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	545		
500	Maryland Industrial Development Financing Authority, Revenue	5/15 at) I (D)	501 415
500	Bonds, Our Lady of Good Counsel	100.00	N/R	501,415
	High School, Series 2005A, 6.000%, 5/01/35	545		
1.065	Montgomery County Revenue Authority, Maryland, Lease Revenue	5/15 at		1 404 560
1,365	Bonds, Montgomery College Arts	100.00	Aa3	1,484,560
	Center Project, Series 2005A, 5.000%, 5/01/19	N. O		
0.447	Morgan State University, Maryland, Student Tuition and Fee	No Opt.		11 211 25
9,445	Revenue Refunding Bonds, Academic	Call	Aa3	11,244,367
	Fees and Auxiliary Facilities, Series 1993, 6.100%, 7/01/20 – NPFG			
	Insured	10/16		
1.605	University of Maryland, Auxiliary Facility and Tuition Revenue	10/16 at		1 002 504
1,685		100.00	AA+	1,883,594
	5.000%, 10/01/22			
	Westminster, Maryland, Educational Facilities Revenue Bonds,			
	McDaniel College, Series 2006:	11/1/		
010	5 0000/ 11/01/21	11/16 at 100.00	DDD :	992 027
910	5.000%, 11/01/31		BBB+	882,937
050	4.5000/ 11/01/26	11/16 at	DDD.	717 404
	4.500%, 11/01/36	100.00	BBB+	717,494
23,165	Total Education and Civic Organizations Health Core 28.20/ (18.60/ of Total Investments)			25,130,571
	Health Care – 28.3% (18.6% of Total Investments)	0/16 at		
500	Baltimore County, Maryland, Catholic Health Initiatives, Revenue	9/16 at	Λ Λ	500 205
300	Bonds, Series 2006A, 5.000%, 9/01/36	100.00	AA	508,395
	·	7/10 of		
2 000	Maryland Health and Higher Education Facilities Authority,	7/19 at 100.00	٨	3,035,059
2,990	Revenue Bonds, University of Maryland Medical System Issue, Series 2010, 5.125%, 7/01/39	100.00	A	3,033,039
	Maryland Health and Higher Educational Facilities Authority,	No Ont		
565	Revenue Bonds Doctors Community	No Opt. Call	Baa3	500,409
303	Hospital, Refunding Series 2010, 5.750%, 7/01/38	Call	Daas	300,409
	Maryland Health and Higher Educational Facilities Authority,	1/22 at		
850	Revenue Bonds, Adventist	100.00	Baa2	870,043
650	Healthcare, Series 2011A, 6.250%, 1/01/31 (WI/DD, Settling	100.00	Daaz	670,043
	9/01/11)			
1,500	7101111)		A-	1,499,895
1,500			1 1	1,177,073

	Maryland Health and Higher Educational Facilities Authority,	7/19 at		
	Revenue Bonds, Anne Arundel	100.00		
	Health System, Series 2010, 5.000%, 7/01/40	7/1/ 04		
1 525	Maryland Health and Higher Educational Facilities Authority,	7/14 at 100.00	۸.2	1 525 500
1,323	Revenue Bonds, Calvert Memorial	100.00	A3	1,535,599
	Hospital, Series 2004, 5.500%, 7/01/36 Maryland Health and Higher Educational Facilities Authority,	7/12 at		
3 250	Revenue Bonds, Carroll County	100.00	A3	3,269,923
3,230	General Hospital, Series 2002, 5.800%, 7/01/32	100.00	AS	3,209,923
	Maryland Health and Higher Educational Facilities Authority,	7/16 at		
400	Revenue Bonds, Carroll Hospital	100.00	A3	377,832
100	Center, Series 2006, 5.000%, 7/01/40	100.00	113	311,032
	Maryland Health and Higher Educational Facilities Authority,	7/14 at		
1.665	Revenue Bonds, Civista Medical	100.00	N/R	1,345,387
-,	Center, Series 2005, 5.000%, 7/01/37 – RAAI Insured			-,- :-,- :
	Maryland Health and Higher Educational Facilities Authority,	7/17 at		
1,740	Revenue Bonds, Doctors Community	100.00	Baa3	1,491,250
	Hospital, Series 2007A, 5.000%, 7/01/29			
	Maryland Health and Higher Educational Facilities Authority,	7/12 at		
1,400	Revenue Bonds, Frederick Memorial	100.00	Baa1	1,295,658
	Hospital, Series 2002, 5.125%, 7/01/35			
	Maryland Health and Higher Educational Facilities Authority,	1/12 at		
1,200	Revenue Bonds, Greater Baltimore	100.00	A	1,180,656
	Medical Center, Series 2001, 5.000%, 7/01/34			
	Maryland Health and Higher Educational Facilities Authority,	1/12 at		
1,000	Revenue Bonds, Johns Hopkins	100.00	Baa1	1,001,690
	Hospital, Howard County General Hospital Acquisition, Series			
	1998, 5.000%, 7/01/19 –			
	NPFG Insured			
• • • •	Maryland Health and Higher Educational Facilities Authority,	1/12 at		• • • • • • • •
2,000	Revenue Bonds, Kaiser Permanente	100.00	A+	2,004,920
	System, Series 1998A, 5.375%, 7/01/15	7/12		
2 000	Maryland Health and Higher Educational Facilities Authority,	7/13 at	D 2	2.724.000
3,800	Revenue Bonds, Kennedy Krieger	100.00	Baa3	3,724,000
	Institute, Series 2003, 5.500%, 7/01/33 Morriand Health and Higher Educational Equilities Authority	7/17 of		
1 175	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health	7/17 at 100.00	AA+	1,211,766
1,173	System, Series 2008, 5.000%, 7/01/28 – AGC Insured	100.00	AAT	1,211,700
	Maryland Health and Higher Educational Facilities Authority,	7/21 at		
300	Revenue Bonds, LifeBridge Health	100.00	A	317,796
300	System, Series 2011, 6.000%, 7/01/41	100.00	71	317,770
	Maryland Health and Higher Educational Facilities Authority,	8/14 at		
1.750	Revenue Bonds, MedStar Health,	100.00	A2	1,790,198
-,	Series 2004, 5.375%, 8/15/24			-,
	Maryland Health and Higher Educational Facilities Authority,	5/16 at		
3,310	Revenue Bonds, MedStar Health,	100.00	AA+	3,382,158
	Series 2007, 5.250%, 5/15/46 – BHAC Insured			
	Maryland Health and Higher Educational Facilities Authority,			
	Revenue Bonds, Mercy Medical			
	Center Issue, Series 2007A:			
1,010	5.000%, 7/01/37		BBB	873,398

		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		3-2,233
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	= 44.0		
2 2 7 2	Maryland Health and Higher Educational Facilities Authority,	7/12 at		2 2 6 4 2 7 7
3,250	Revenue Bonds, Union Hospital of	100.00	A3	3,261,375
	Cecil County, Series 2002, 5.625%, 7/01/32	= 44.0		
1 000	Maryland Health and Higher Educational Facilities Authority,	7/13 at		1 010 740
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:			
	r ,	1/18 at		
3,395	5.750%, 1/01/38	100.00	BBB-	3,304,931
ŕ		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		
225	5 2750 7 701 /1 4	1/12 at	D2	102 702
223	5.375%, 7/01/14	100.00	В3	193,703
205	5 20007 7/01/24	1/12 at	D2	104 000
	5.300%, 7/01/24 Total Health Core	100.00	В3	194,989 44,429,903
45,365	Total Health Care Housing/Multifornily, 11, 2% (7,5% of Total Investments)			44,429,903
	Housing/Multifamily – 11.3% (7.5% of Total Investments)	1/20 of		
2.065	Anne Arundel County, Maryland, FNMA Multifamily Housing	1/20 at 102.00	A A 1	2,133,909
2,003	Revenue Bonds, Glenview Gardens Apartments Project, Series 2009, 5.000%, 1/01/28 (Mandatory put	102.00	AA+	2,133,909
	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	В3	741,200
	University of Maryland – Baltimore, Series 2003A, 5.625%,			
	10/01/23			

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,	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
	Prince George's County Housing Authority, Maryland, GNMA Collateralized Mortgage Revenue			
	Refunding Bonds, Overlook Apartments, Series 1995A:	12/11 at		
1,385	5.700%, 12/20/15	100.00 12/11 at	AA+	1,389,307
1.670	5.750%, 12/20/19	100.00	AA+	1,673,490
	Total Housing/Multifamily			17,822,923
	Housing/Single Family – 11.7% (7.7% of Total Investments)			
	Maryland Community Development Administration Department of	9/18 at		
2,735	Housing and Community	100.00	Aa2	2,829,221
	Development, Residential Revenue Bonds, Series 2008C, 5.375%, 9/01/39			
	Maryland Community Development Administration Department of	9/18 at		
3,000	Housing and Community	100.00	Aa2	3,001,770
	Development, Residential Revenue Bonds, Series 2009B, 4.750%, 9/01/39			
	Maryland Community Development Administration Department of	3/20 at		
510	Housing and Community Development, Residential Revenue Bonds, Series 2010B, 5.250%, 9/01/35	100.00	Aa2	532,741
	Maryland Community Development Administration, Department of Housing and Community			
	Development, Residential Revenue Bonds, Series 2006:			
		9/15 at		
600	4.750%, 9/01/25 (Alternative Minimum Tax) (UB)	100.00	Aa2	602,058
		3/16 at		
4,100	4.875%, 9/01/26 (Alternative Minimum Tax) (UB)	100.00	Aa2	4,132,924
		9/15 at		
1,195	4.900%, 9/01/26 (Alternative Minimum Tax) (UB)	100.00	Aa2	1,203,974
		9/16 at		
1,630	4.900%, 9/01/31 (Alternative Minimum Tax) (UB) Maryland Community Development Administration, Department of Housing and Community	100.00	Aa2	1,636,814
	Development, Residential Revenue Bonds, Series 2007:	2/17		
(50	5 0000/ 0/01/27 (Altermetics Minimum Town) (UD)	3/17 at	A - O	657,000
	5.000%, 9/01/27 (Alternative Minimum Tax) (UB)	100.00	Aa2	657,000
1,200	4.850%, 9/01/37 (Alternative Minimum Tax) (UB)		Aa2	1,171,416

	Maryland Community Development Administration, Department of	3/17 at 100.00 9/14 at		
2,330	Housing and Community Development, Residential Revenue Bonds, Series 2005, 4.900%, 9/01/36 (Alternative Minimum Tax) (UB)	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)	C/20		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	Management Inc., Series 2002, 4.600%, 4/01/16 (Alternative	4/12 at 101.00	BBB	2,058,421
4,160	Minimum Tax) 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 Carroll County, Maryland, Revenue Refunding Bonds, EMA	1/17 at 100.00 1/12 at	BBB+	2,269,181
1,000	Obligated Group, Series 1999A, 5.625%, 1/01/25 – RAAI Insured	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	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 Anne Arundel County, Maryland, General Obligation Bonds, Series	4/14 at 100.00 3/16 at	AAA	2,244,246
1,000	· · · ·	100.00 3/16 at	AAA	1,119,340
685	Series 2006, 5.000%, 3/01/17 Baltimore, Maryland, General Obligation Bonds, Consolidated	100.00 10/21 at	AAA	801,121
1,200	Public Improvements, Series 2011A, 5.000%, 10/15/30 Politimore, Maryland, Canaral Obligation Canaelidated Public	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	This is the second of the seco		AA+	822,472

	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:	12/15 at 100.00		
2,185	5.000%, 3/01/14	No Opt. Call No Opt.	Aa1	2,438,547
820	5.000%, 3/01/16 Howard County Maryland, Consul Obligation Matronalitan	Call	Aal	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	No Opt. Call	AAA	3,512,550
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 Fredrick County, Maryland, Special Obligation Bonds, Urbana Community Development Authority,	7/12 at 100.00	N/R	325,309
2,300	Series 2010A: 5.000%, 7/01/30	7/20 at 100.00	A-	2,370,242
1,000 900	5.000%, 7/01/40	7/20 at 100.00	A- N/R	1,008,820 821,160

	Hyattsville, Maryland, Special Obligation Bonds, University Town Center Project, Series 2004, 5.750%, 7/01/34	7/14 at 102.00		
	Maryland Department of Transportation, Consolidated	No Ont		
4,250	Transportation Revenue Bonds, Series 2002, 5.500%, 2/01/16	No Opt. Call	AAA	5,107,523
	Maryland Stadium Authority, Lease Revenue Bonds, Montgomery	6/13 at		
1,700		100.00	AA+	1,806,318
	Montgomery County, Maryland, Lease Revenue Bonds, Metrorail	6/12 at		
1,000	Garage, Series 2002,	100.00	AA	1,031,520
1,000	5.000%, 6/01/21	100.00		1,001,020
	Montgomery County, Maryland, Special Obligation Bonds, West	7/12 at		
675	Germantown Development District,	101.00	A2	684,295
	Senior Series 2002A, 5.500%, 7/01/27 – RAAI Insured			
	Prince George's County, Maryland, Special Obligation Bonds,	7/15 at		
400	3	100.00	N/R	359,088
	2005, 5.200%, 7/01/34			
	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N:			
		No Opt.		
1,000	5.500%, 7/01/29 – AMBAC Insured	Call	Baa1	1,009,560
		No Opt.		
2,500	5.250%, 7/01/31 – AMBAC Insured	Call	Baa1	2,397,250
		No Opt.		
1,000	5.250%, 7/01/33 – NPFG Insured	Call	Baa1	943,520
2 100	Puerto Rico Municipal Finance Agency, Series 2002A, 5.250%,	8/12 at		2 122 520
2,100		100.00	AA+	2,123,520
	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate			
	Series 2010A:			
	Selles 2010A.	2/20 at		
1 425	5.375%, 8/01/39	100.00	A+	1,437,412
1, .25	2137370, 0701739	2/20 at	11.	1,137,112
200	5.500%, 8/01/42	100.00	A+	202,882
	Puerto Rico, Highway Revenue Bonds, Highway and Transportation	No Opt.		,
1,500	Authority, Series 2003AA,	Call	A3	1,683,165
	5.500%, 7/01/19 – NPFG Insured			
	Virgin Islands Public Finance Authority, Matching Fund Loan Notes	10/20 at		
1,000	Revenue Bonds, Subordinate	100.00	Baa2	994,760
	Lien Series 2010B, 5.250%, 10/01/29			
23,970	Total Tax Obligation/Limited			24,950,063
	Transportation – 5.0% (3.3% of Total Investments)	N. O.		
1.060	Baltimore, Maryland, Revenue Refunding Bonds, Parking System	No Opt.	۸.1	1 107 105
1,060	Facilities, Series 1998A, 5.250%,	Call	A1	1,197,185
	7/01/17 – FGIC Insured Guam International Airport Authority, Revenue Bonds, Series	10/13 at		
265	- · · · · · · · · · · · · · · · · · · ·	10/13 at 100.00	Baa1	270,910
203	NPFG Insured	100.00	Daai	270,710
	Maryland Transportation Authority, Revenue Bonds, Transportation	7/17 at		
4,335	Facilities Projects, Series	100.00	AA+	4,643,305
				, , ,

	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
7,735	1996A, 6.250%, 6/01/26 (Alternative Minimum Tax) Total Transportation			7,821,117
7,755	U.S. Guaranteed – 20.4% (13.5% of Total Investments) (4)			7,021,117
	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
010	Grove Adventist Hospital, Series 1995, 6.500%, 9/01/12 – AGM		1111 (1)	020,032
	Insured (ETM)			
	Howard County, Maryland, General Obligation Consolidated Public			
	Improvement Bonds, Series 2004B:			
	Series 2004D.	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
1 075	Maryland Economic Development Corporation, Lease Revenue	6/12 at 100.50	A 00	1 055 500
1,073	Bonds, Department of Transportation Headquarters Building, Series 2002, 5.375%, 6/01/19 (Pre-refunded	100.30	Aaa	1,955,588
	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 Congrel Hamital Series 1003, 5,500%, 7/01/25 (ETM)	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		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 Mondand Modical System, Series 2002, 6,000%, 7/01/22	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
1 000	Projects, First Series 1978, 6.800%, 7/01/16 (ETM)			1.004.500
1,000			Aaa	1,224,780

	Puerto Rico, Highway Revenue Bonds, Highway and Transportation	7/16 at		
	Authority, Series 1996Y,	100.00		
	5.500%, 7/01/36 (Pre-refunded 7/01/16)			
	Washington Suburban Sanitary District, Montgomery and Prince			
	George's Counties, Maryland,			
	Sewerage Disposal Bonds, Series 2005:			
		6/15 at		
2,000	5.000%, 6/01/16 (Pre-refunded 6/01/15)	100.00	AAA	2,328,400
		6/15 at		
1,235	5.000%, 6/01/23 (Pre-refunded 6/01/15)	100.00	AAA	1,437,787
		6/15 at		
1,235	5.000%, 6/01/24 (Pre-refunded 6/01/15)	100.00	AAA	1,437,787
		6/15 at		
1,235	5.000%, 6/01/25 (Pre-refunded 6/01/15)	100.00	AAA	1,437,786
	Total U.S. Guaranteed			32,066,955
,	Utilities – 3.9% (2.5% of Total Investments)			, ,
	Maryland Energy Financing Administration, Revenue Bonds, AES	11/11 at		
2.500	Warrior Run Project, Series 1995,	100.00	N/R	2,505,424
_,000	7.400%, 9/01/19 (Alternative Minimum Tax)	100.00	1,711	2,000, .2 .
	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series	7/14 at		
3 500	2004PP, 5.000%, 7/01/22 –	100.00	A3	3,574,339
3,300	FGIC Insured	100.00	AJ	3,374,337
6,000	Total Utilities			6,079,763
0,000				0,079,703
	Water and Sewer – 4.7% (3.1% of Total Investments)	No Ont		
1.045	Baltimore, Maryland, Revenue Refunding Bonds, Water System	No Opt.	A A	1 242 970
1,043	Projects, Series 1994A, 5.000%,	Call	AA	1,242,870
	7/01/24 – FGIC Insured	7/16		
	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series	7/16 at		. =
1,655	2006C, 5.000%, 7/01/31 –	100.00	AA	1,732,552
	AMBAC Insured			
	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series	7/17 at		
1,260	2007D, 5.000%, 7/01/32 –	100.00	AA	1,328,593
	AMBAC Insured			
	Baltimore, Maryland, Wastewater Project Revenue Bonds, Series	No Opt.		
2,000	2011A, 5.000%, 7/01/41	Call	AA	2,141,839
	Maryland Water Quality Financing Administration, Revolving Loan	No Opt.		
860	Fund Revenue Bonds, Series	Call	AAA	1,012,133
	2005A, 5.000%, 9/01/15			
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
	100 //			101,201,001

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
 - (4) securities,
 - 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