NUVEEN ARIZONA PREMIUM INCOME MUNICIPAL FUND INC Form N-Q January 27, 2012

## 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 811-7278

Nuveen Arizona Premium Income Municipal Fund, Inc. (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: 2/28

Date of reporting period: 11/30/11

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 Arizona Premium Income Municipal Fund, Inc. (NAZ) November 30, 2011

Principal		Optional Call	
Amount		Provisions	Ratings
	Description (1)	(2)	(3) Value
(000)	Consumer Staples – 1.1% (0.8% of Total Investments)	(-)	
	Puerto Rico, The Children's Trust Fund, Tobacco Settlement	5/12 at	
\$ 745	Asset-Backed Refunding Bonds,	100.00	BBB \$ 697,290
	Series 2002, 5.375%, 5/15/33		
	Education and Civic Organizations – 16.1% (11.3% of Total		
	Investments)		
	Arizona Higher Education Loan Authority, Student Loan Revenue	3/12 at	
2,500	Bonds, Series 2007B, Auction	100.00	A 1,739,925
	Rate Securities, 0.508%, 11/01/41 (Alternative Minimum Tax) (4)		
	Arizona State University, System Revenue Bonds, Series 2002,	7/12 at	
1,000	5.000%, 7/01/25 – FGIC Insured	100.00	AA 1,021,850
	Arizona State University, System Revenue Bonds, Series 2005:		
		7/15 at	
1,455	5.000%, 7/01/20 – AMBAC Insured	100.00	Aa3 1,549,124
		7/15 at	
750	5.000%, 7/01/21 – AMBAC Insured	100.00	Aa3 793,155
	Glendale Industrial Development Authority, Arizona, Revenue	5/22 at	
755	Bonds, Midwestern University,	100.00	A– 770,085
	Refunding Series 2007, 5.000%, 5/15/31		
	Glendale Industrial Development Authority, Arizona, Revenue	5/20 at	
1,600	Bonds, Midwestern University,	100.00	A- 1,604,320
	Refunding Series 2010, 5.125%, 5/15/40		
	Pima County Industrial Development Authority, Arizona, Education		
	Revenue Bonds, Paradise		
	Education Center Project, Series 2010:		
		6/19 at	
170	6.000%, 6/01/40	100.00	BBB– 147,268
200	(1000) (10114F	6/19 at	DDD 170.070
200	6.100%, 6/01/45	100.00	BBB- 172,970
1 500	Tempe Industrial Development Authority, Arizona, Lease Revenue	7/13 at	N/D 1 420 (40
1,500	Bonds, Arizona State University	100.00	N/R 1,430,640
	Foundation Project, Series 2003, 5.000%, 7/01/34 – AMBAC Insured	2/21 at	
025	Yavapai County Industrial Development Authority, Arizona, Charter	3/21 at	DD 950.014
823	School Revenue Bonds, Arizona Agribusings and Equina Contar Charter School Series	100.00	BB+ 859,914
	Arizona Agribusiness and Equine Center Charter School, Series		
10 755	2011, 7.875%, 3/01/42 Total Education and Civic Organizations		10,089,251
10,755	Total Education and Civic Organizations		10,009,231

	Health Care – 21.8% (15.3% of Total Investments)			
	Arizona Health Facilities Authority, Hospital Revenue Bonds, Banner	1/17 at		
1,430	Health Systems, Series	100.00	AA-	1,494,565
	2007A, 5.000%, 1/01/25			
	Arizona Health Facilities Authority, Hospital Revenue Bonds, Banner	1/17 at		
885	Health Systems, Series	100.00	AA-	579,126
	2007B, 1.059%, 1/02/37			
	Arizona Health Facilities Authority, Hospital Revenue Bonds, Banner	1/18 at		
3,470	Health Systems, Series	100.00	AA-	3,603,212
	2008D, 5.500%, 1/01/38			
	Glendale Industrial Development Authority, Arizona, Revenue	12/15 at		
675	Bonds, John C. Lincoln Health	100.00	BBB	581,540
	Network, Series 2005B, 5.000%, 12/01/37			
	Glendale Industrial Development Authority, Arizona, Revenue	12/17 at		
1,110	Bonds, John C. Lincoln Health	100.00	BBB	936,185
	Network, Series 2007, 5.000%, 12/01/42			
0 1 5 0	Maricopa County Industrial Development Authority, Arizona, Health	7/14 at		
2,150	Facility Revenue Bonds,	100.00	А	2,255,565
	Catholic Healthcare West, Series 2004A, 5.375%, 7/01/23	- (1 -		
<b>a</b> 000	Maricopa County Industrial Development Authority, Arizona, Health	7/17 at		0 011 (07
2,900	Facility Revenue Bonds,	100.00	А	2,911,687
	Catholic Healthcare West, Series 2007A, 5.250%, 7/01/32	5/10 - 4		
105	Puerto Rico Industrial, Tourist, Educational, Medical and	5/12 at	<b>A A</b> .	126 606
425	Environmental Control Facilities	100.00	AA+	426,696
	Financing Authority, Hospital Revenue Bonds, Hospital de la			
	Concepcion, Series 2000A, 6.375%, 11/15/15			
	Show Low Industrial Development Authority, Arizona, Hospital			
	Revenue Bonds, Navapache Regional			
	Medical Center, Series 2005:			
	Wedear Center, Series 2005.	12/15 at		
525	5.000%, 12/01/25 – RAAI Insured	100.00	BBB+	499,548
020	5.00070; 12/01/25 Ni II III III III III III III III III I	12/15 at	DDD	177,510
435	5.000%, 12/01/30 – RAAI Insured	100.00	BBB+	398,756
	Total Health Care	100.00		13,686,880
11,000	Tax Obligation/General – 11.6% (8.2% of Total Investments)			12,000,000
	Gila County Unified School District 10 Payson, Arizona, School	7/18 at		
1.265	Improvement Bonds, Project	100.00	Aa3	1,386,263
,	2006, Series 2008B, 5.750%, 7/01/28			, ,
	Maricopa County Unified School District 95 Queen Creek, Arizona,	7/18 at		
1,200	General Obligation Bonds,	100.00	Aa3	1,270,620
·	Series 2008, 5.000%, 7/01/27 – AGM Insured			
	Pima County Continental Elementary School District 39, Arizona,	7/21 at		
515	General Obligation Bonds,	100.00	AA-	566,449
	Series 2011A, 2.000%, 7/01/30 – AGM Insured			
	Pinal County Unified School District 1, Florence, Arizona, General	7/18 at		
3,530	Obligation Bonds, Series	100.00	А	3,767,356
	2008C, 5.250%, 7/01/28			
	Puerto Rico, General Obligation and Public Improvement Bonds,	2/12 at		
	Series 2002A, 5.375%, 7/01/28	100.00	Baa1	330,083
6 9 1 0				7 220 771
0,040	Total Tax Obligation/General			7,320,771

	Tax Obligation/Limited – 37.4% (26.2% of Total Investments)	7/12 at		
321	Estrella Mountain Ranch Community Facilities District, Goodyear, Arizona, Special Assessment	100.00	N/R	323,623
021	Lien Bonds, Series 2001A, 7.875%, 7/01/25	100.00	1010	525,025
	Glendale Western Loop 101 Public Facilities Corporation, Arizona,	1/14 at		
3,000		100.00	AA	3,094,530
	Revenue Bonds, Series 2008B, 6.250%, 7/01/38			
1 200	Greater Arizona Development Authority, Infrastructure Revenue	8/16 at		1 255 (10)
1,280	Bonds, Series 2006-1, 5.000%, 8/01/22 – NPFG Insured	100.00	AA-	1,355,648
	Greater Arizona Development Authority, Infrastructure Revenue	8/16 at		
740	Bonds, Series 2006A, 5.000%,	100.00	AA-	779,183
, 10	8/01/23 - NPFG Insured	100100		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Marana Municipal Property Corporation, Arizona, Municipal	7/12 at		
1,125	Facilities Revenue Bonds, Series	100.00	AA	1,125,765
	2008B, 5.125%, 7/01/28			
575	Marana Municipal Property Corporation, Arizona, Revenue Bonds,	7/13 at		505 105
575	Series 2003, 5.000%, 7/01/28 – AMBAC Insured	100.00	AA	585,195
	Marana, Arizona, Tangerine Farms Road Improvement District	7/16 at		
1.350	Revenue Bonds, Series 2006,	100.00	A2	1,354,766
<i>y</i>	4.600%, 1/01/26			<i>, ,</i>
	Maricopa County Stadium District, Arizona, Revenue Refunding	6/12 at		
3,400	Bonds, Series 2002, 5.375%,	100.00	N/R	3,183,998
	6/01/18 – AMBAC Insured			
2 400	Mesa, Arizona, Street and Highway User Tax Revenue Bonds, Series	7/15 at 100.00		2 572 141
3,400	2005, 5.000%, 7/01/24 – AGM Insured	100.00	AA	3,572,141
	Pinetop Fire District of Navajo County, Arizona, Certificates of	6/16 at		
1,140	Participation, Series 2008,	102.00	A3	1,177,107
	7.750%, 6/15/29			
	Puerto Rico Public Buildings Authority, Guaranteed Government	7/12 at		
265	Facilities Revenue Refunding	100.00	Baa1	265,223
	Bonds, Series 2002D, 5.125%, 7/01/24	7/15 at		
1 610	San Luis Civic Improvement Corporation, Arizona, Municipal Facilities Excise Tax Revenue	100.00	A+	1,665,690
1,010	Bonds, Series 2005, 5.000%, 7/01/25 – SYNCORA GTY Insured	100.00	111	1,005,070
	Scottsdale Municipal Property Corporation, Arizona, Excise Tax	No Opt.		
1,000	Revenue Bonds, Refunding Series	Call	AAA	1,218,330
	2006, 5.000%, 7/01/24			
2 000	Scottsdale Municipal Property Corporation, Arizona, Excise Tax	No Opt.		0 10( 0(0
2,000	Revenue Bonds, Water & Sewer Improvements Project, Series 2010, 5.000%, 7/01/36	Call	AAA	2,126,860
	Virgin Islands Public Finance Authority, Matching Fund Loan Notes	10/20 at		
1,000	Revenue Bonds, Senior Lien	100.00	BBB	994,680
,	Series 2010A, 5.000%, 10/01/29			, , , , , , , , , , , , , , , , , , , ,
	Vistancia Community Facilities District, Arizona, Restricted General	7/15 at		
645	Obligation Bonds, Series	100.00	A1	677,263
00.051	2005, 5.750%, 7/15/24			00 500 000
22,851	Total Tax Obligation/Limited			23,500,002
	U.S. Guaranteed – 11.2% (7.9% of Total Investments) (5)			

1,250	Maricopa County Industrial Development Authority, Arizona, Hospital Revenue Refunding Bonds, Samaritan Health Services, Series 1990A, 7.000%, 12/01/16 – NPFG	No Opt. Call	N/R (5)	1,497,238
385	Insured (ETM) Maricopa County, Arizona, Hospital Revenue Bonds, Sun Health Corporation, Series 2005, 5.000%, 4/01/16 (Pre-refunded 4/01/15)	4/15 at 100.00	N/R (5)	436,417
1,500	Phoenix Civic Improvement Corporation, Arizona, Junior Lien Water System Revenue Bonds, Series 2002, 5.000%, 7/01/26 (Pre-refunded 7/01/12) – FGIC Insured	7/12 at 100.00	AAA	1,540,755
1,200	Prescott Valley Municipal Property Corporation, Arizona, Municipal Facilities Revenue Bonds, Series 2003, 5.000%, 1/01/27 (Pre-refunded 1/01/13) – FGIC Insured	1/13 at 100.00	AA- (5)	1,260,504
735	Puerto Rico Public Buildings Authority, Guaranteed Government Facilities Revenue Refunding Bonds, Series 2002D, 5.125%, 7/01/24 (Pre-refunded 7/01/12)	7/12 at 100.00	Baa1 (5)	755,815
530	Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Series 2002B, 5.000%, 1/01/22 (Pre-refunded	1/13 at 100.00	Aa1 (5)	556,961
	1/01/13) Salt River Project Agricultural Improvement and Power District, Arizona, Electric System			
	Revenue Refunding Bonds, Series 2002A:			
310	5.125%, 1/01/27 (Pre-refunded 1/01/12)	1/12 at 101.00 1/12 at	N/R (5)	314,421
	5.125%, 1/01/27 (Pre-refunded 1/01/12) Total U.S. Guaranteed	101.00	Aa1 (5)	669,412 7,031,523
1,000	Utilities – 24.9% (17.4% of Total Investments) Arizona Power Authority, Special Obligation Power Resource Revenue Refunding Crossover Bonds,	No Opt. Call	AA	1,148,940
1,600	Hoover Project, Series 2001, 5.250%, 10/01/15 Maricopa County Pollution Control Corporation, Arizona, Pollution Control Revenue Refunding	6/20 at 100.00	A1	1,674,992
	Bonds, Southern California Edison Company, Series 2000A, 5.000%, 6/01/35 Pima County Industrial Development Authority, Arizona, Revenue	1/15 at		
1,340	Bonds, Tucson Electric Power Company, Refunding Series 2008, 5.750%, 9/01/29	100.00	BBB-	1,366,733
650	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/36	7/21 at 100.00	А	664,963
2,170	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2005RR, 5.000%, 7/01/27 – SYNCORA GTY Insured	7/15 at 100.00	A3	2,196,517
715	Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Tender Option Bond Trust 09-9W, 18.060%,	1/18 at 100.00	Aa1	845,244
	1/01/38 (IF) (6) Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc			

Prepay Contract Obligations, Series 2007:

	Prepay Contract Obligations, Series 2007:			
		No Opt.		
4,500	5.500%, 12/01/29	Call	А	4,506,748
		No Opt.		
3,500	5.000%, 12/01/37	Call	А	3,219,440
	Total Utilities			15,623,577
-,	Water and Sewer – 18.4% (12.9% of Total Investments)			- , ,
	Cottonwood, Arizona, Senior Lien Water System Revenue Bonds,	7/14 at		
1 005	Municipal Property Corporation,	100.00	А	1,018,568
1,005	Series 2004, 5.000%, 7/01/24 – SYNCORA GTY Insured	100.00	11	1,010,500
	Glendale, Arizona, Water and Sewer Revenue Bonds, Subordinate	7/13 at		
2 500				2 620 070
3,300	Lien, Series 2003, 5.000%,	100.00	AA	3,629,079
	7/01/28 – AMBAC Insured	7/20		
	Goodyear, Arizona, Water and Sewer Revenue Obligations, Series	7/20 at		
1,425	2010, 5.625%, 7/01/39	100.00	A+	1,466,938
	Oro Valley Municipal Property Corporation, Arizona, Senior Lien	7/13 at		
575	Water Revenue Bonds, Series	100.00	AA-	589,835
	2003, 5.000%, 7/01/23 – NPFG Insured			
	Phoenix Civic Improvement Corporation, Arizona, Junior Lien	7/14 at		
1,000	Wastewater System Revenue Bonds,	100.00	AA+	1,079,830
	Series 2004, 5.000%, 7/01/24 – NPFG Insured			
	Phoenix Civic Improvement Corporation, Arizona, Junior Lien Water	No Opt.		
1,250	System Revenue Refunding	Call	AAA	1,578,213
	Bonds, Series 2001, 5.500%, 7/01/21 – FGIC Insured			
	Surprise Municipal Property Corporation, Arizona, Wastewater			
	System Revenue Bonds, Series 2007:			
	System Revenue Donas, Series 2007.	4/14 at		
600	4.700%, 4/01/22	100.00	N/R	603,708
000	4.10070, 4701722	4/17 at	11/1	005,700
<b>810</b>	4.900%, 4/01/32	4/17 at 100.00	N/R	767,305
810			IN/K	707,505
005	Yuma County Industrial Development Authority, Arizona, Exempt	12/17 at	NI/D	020 (10
905	Revenue Bonds, Far West Water &	100.00	N/R	820,618
	Sewer Inc. Refunding, Series 2007A, 6.375%, 12/01/37 (Alternative			
	Minimum Tax)			
	Total Water and Sewer			11,554,094
\$ 88,311				89,503,388
	Variable Rate MuniFund Term Preferred Shares, at Liquidation Value			
	-(44.6)%(7)		(	28,000,000)
	Other Assets Less Liabilities – 2.1%			1,315,829
				\$
	Net Assets Applicable to Common Shares – 100%			62,819,217
	**			

### 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 November 30, 2011:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$—	\$87,763,463	\$1,739,925	\$89,503,388

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 begin