

NUVEEN NEW YORK AMT-FREE MUNICIPAL INCOME FUND
Form N-Q
February 29, 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 811-21211

Nuveen New York AMT-Free Municipal Income 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: 9/30

Date of reporting period: 12/31/11

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 New York AMT-Free Municipal Income Fund
 (formerly known as Nuveen Insured New York Tax-Free Advantage
 Municipal Fund) (NRK)
 December 31, 2011

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Consumer Staples – 3.2% (2.1% of Total Investments)			
\$ 1,500	New York Counties Tobacco Trust III, Tobacco Settlement Pass-Through Bonds, Series 2003, 5.750%, 6/01/33	6/13 at 100.00	A1	\$ 1,438,470
285	Puerto Rico, The Children’s Trust Fund, Tobacco Settlement Asset-Backed Refunding Bonds, Series 2002, 5.375%, 5/15/33	5/12 at 100.00	BBB	268,752
1,785	Total Consumer Staples			1,707,222
	Education and Civic Organizations – 30.5% (19.8% of Total Investments)			
3,400	Dormitory Authority of the State of New York, General Revenue Bonds, Saint Johns University, Series 2007A, 5.250%, 7/01/32 – NPFQ Insured	7/17 at 100.00	A–	3,569,524
2,000	Dormitory Authority of the State of New York, Insured Revenue Bonds, Long Island University, Series 2003A, 5.000%, 9/01/32 – RAAI Insured	9/12 at 100.00	Baa3	2,007,380
2,000	Dormitory Authority of the State of New York, Insured Revenue Bonds, Mount Sinai School of Medicine, Series 1994A, 5.150%, 7/01/24 – NPFQ Insured	No Opt. Call	A–	2,180,900
1,000	Dormitory Authority of the State of New York, Lease Revenue Bonds, State University Dormitory Facilities, Series 2003B, 5.250%, 7/01/32 (Mandatory put 7/01/13) – SYNCORA GTY Insured	No Opt. Call	Aa2	1,067,350
410	Dormitory Authority of the State of New York, Lease Revenue Bonds, State University Dormitory Facilities, Series 2006A, 5.000%, 7/01/31 – NPFQ Insured	7/16 at 100.00	Aa2	430,275
1,000	Dormitory Authority of the State of New York, Revenue Bonds, Barnard College, Series 2007A, 5.000%, 7/01/25 – FGIC Insured	7/17 at 100.00	BBB	1,083,080
1,000	Dormitory Authority of the State of New York, Revenue Bonds, Mount St. Mary College, Series 2003, 5.000%, 7/01/32 – RAAI Insured	7/13 at 100.00	N/R	1,004,950
100	Dormitory Authority of the State of New York, Revenue Bonds, Rochester Institute of Technology, Series 2006A: 5.250%, 7/01/20 – AMBAC Insured	No Opt. Call	A1	123,012

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80	5.250%, 7/01/21 – AMBAC Insured Madison County Industrial Development Agency, New York, Civic Facility Revenue Bonds, Colgate University, Tender Option Bond Trust 3127, 13.205%, 1/01/14 – AMBAC Insured (IF)	No Opt. Call No Opt. Call	A1 AA+	98,582 249,768
300	New York City Industrial Development Agency, New York, Payment in Lieu of Taxes Revenue Bonds, Queens Baseball Stadium Project, Series 2009, 6.125%, 1/01/29 – AGC Insured	1/19 at 100.00	AA–	329,289
495	New York City Industrial Development Agency, New York, Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 7.000%, 3/01/49 – AGC Insured New York City Industrial Development Authority, New York, PILOT Revenue Bonds, Yankee Stadium Project, Series 2006:	3/19 at 100.00	AA–	571,552
170	5.000%, 3/01/31 – FGIC Insured	9/16 at 100.00	BBB–	172,426
1,425	5.000%, 3/01/36 – NPFG Insured	9/16 at 100.00	BBB	1,428,719
840	4.500%, 3/01/39 – FGIC Insured New York City Trust for Cultural Resources, New York, Revenue Bonds, American Museum of Natural History, Series 2004A, 5.000%, 7/01/36 – NPFG Insured	9/16 at 100.00 7/14 at 100.00	BBB– AA	777,084 1,028,750
15,445	Total Education and Civic Organizations Health Care – 21.7% (14.1% of Total Investments)			16,122,641
2,000	Dormitory Authority of the State of New York, FHA-Insured Mortgage Hospital Revenue Bonds, Lutheran Medical Center, Series 2003, 5.000%, 8/01/31 – NPFG Insured	2/13 at 100.00	BBB	2,019,820
3,000	Dormitory Authority of the State of New York, FHA-Insured Mortgage Hospital Revenue Bonds, St. Barnabas Hospital, Series 2002A, 5.000%, 2/01/31 – AMBAC Insured	8/12 at 100.00	N/R	3,053,220
335	Dormitory Authority of the State of New York, FHA-Insured Mortgage Revenue Bonds, Hudson Valley Hospital Center, Series 2007, 5.000%, 8/15/27 – AGM Insured	8/17 at 100.00	AA–	361,241
1,000	Dormitory Authority of the State of New York, FHA-Insured Revenue Bonds, Montefiore Medical Center, Series 2005, 5.000%, 2/01/22 – FGIC Insured	2/15 at 100.00	BBB	1,094,430
255	Dormitory Authority of the State of New York, Revenue Bonds, Health Quest System Inc., Series 2007B, 5.125%, 7/01/37 – AGC Insured	7/17 at 100.00	AA–	265,149
25	Dormitory Authority of the State of New York, Revenue Bonds, Memorial Sloan-Kettering Cancer Center, Series 2003-1, 5.000%, 7/01/21 – NPFG Insured	7/13 at 100.00	Aa2	26,297
775	Dormitory Authority of the State of New York, Revenue Bonds, New York and Presbyterian Hospital, Series 2004A, 5.250%, 8/15/15 – AGM Insured	8/14 at 100.00	AA–	841,092
750	Dormitory Authority of the State of New York, Revenue Bonds, South Nassau Communities	7/13 at 100.00	Baa1	765,428

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	Hospital, Series 2003B, 5.500%, 7/01/23			
305	Dormitory Authority of the State of New York, Revenue Bonds, The New York and Presbyterian Hospital Project, Series 2007, 5.000%, 8/15/36 – AGM Insured	8/14 at 100.00	AA–	312,247
2,640	New York City Health and Hospitals Corporation, New York, Health System Revenue Bonds, Series 2003A, 5.250%, 2/15/21 – AMBAC Insured	2/13 at 100.00	Aa3	2,744,359
11,085	Total Health Care			11,483,283
	Long-Term Care – 0.6% (0.4% of Total Investments)			
290	Dormitory Authority of the State of New York, GNMA Collateralized Revenue Bonds, Cabrini of Westchester Project, Series 2006, 5.200%, 2/15/41	2/17 at 103.00	AA+	309,465
1,000	Tax Obligation/General – 3.2% (2.0% of Total Investments) Nassau County, New York, General Obligation Bonds, General Improvement Series 2009C, 5.000%, 10/01/29 – AGC Insured	10/19 at 100.00	AA–	1,090,040
50	New York City, New York, General Obligation Bonds, Fiscal Series 1998H, 5.125%, 8/01/25 – NPFPG Insured	2/12 at 100.00	AA	50,164
225	New York City, New York, General Obligation Bonds, Fiscal Series 2006C, 5.000%, 8/01/16 – AGM Insured	8/15 at 100.00	AA	256,667
250	New York City, New York, General Obligation Bonds, 5.000%, 11/01/19 – AGM Insured (UB)	11/14 at 100.00	AA	274,423
1,525	Total Tax Obligation/General			1,671,294
	Tax Obligation/Limited – 45.1% (29.3% of Total Investments)			
2,695	Buffalo Fiscal Stability Authority, New York, Sales Tax Revenue State Aid Secured Bonds, Series 2004A, 5.250%, 8/15/12 – NPFPG Insured	No Opt. Call	Aa1	2,778,302
1,000	Dormitory Authority of the State of New York, Master Lease Program Revenue Bonds, Nassau County Board of Cooperative Educational Services, Series 2009A, 5.000%, 8/15/28 – AGC Insured	8/19 at 100.00	AA–	1,097,830
3,000	Dormitory Authority of the State of New York, Revenue Bonds, School Districts Financing Program, Series 2002D, 5.250%, 10/01/23 – NPFPG Insured	10/12 at 100.00	A+	3,083,371
1,000	Dormitory Authority of the State of New York, Revenue Bonds, School Districts Financing Program, Series 2009A, 5.625%, 10/01/29 – AGC Insured	10/19 at 100.00	AA–	1,131,890
1,085	Erie County Industrial Development Agency, New York, School Facility Revenue Bonds, Buffalo City School District, Series 2007A, 5.750%, 5/01/28 – AGM Insured (UB)	5/17 at 100.00	AA–	1,208,137
340	Erie County Industrial Development Agency, New York, School Facility Revenue Bonds, Buffalo City School District Project, Series 2008A, 5.750%, 5/01/27 – AGM Insured (UB)	5/18 at 100.00	AA–	385,699
1,400	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Senior Fiscal 2012 Series 2011A, 5.750%, 2/15/47	No Opt. Call	A	1,517,166
2,055			A	2,064,556

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	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 5.000%, 2/15/47 – FGIC Insured	2/17 at 100.00		
1,000	Metropolitan Transportation Authority, New York, State Service Contract Refunding Bonds, Series 2002A, 5.000%, 7/01/25 – FGIC Insured	7/12 at 100.00	AA–	1,017,740
560	Monroe Newpower Corporation, New York, Power Facilities Revenue Bonds, Series 2003, 5.500%, 1/01/34	1/13 at 102.00	BBB	534,055
	New York City Sales Tax Asset Receivable Corporation, New York, Dedicated Revenue Bonds, Local Government Assistance Corporation, Series 2004A:			
610	5.000%, 10/15/25 – NPFG Insured (UB)	10/14 at 100.00	AAA	669,640
555	5.000%, 10/15/26 – NPFG Insured (UB)	10/14 at 100.00	AAA	608,302
740	New York City Transitional Finance Authority, New York, Building Aid Revenue Bonds, Fiscal Series 2007S-2, 5.000%, 1/15/28 – FGIC Insured	1/17 at 100.00	AA–	798,874
1,000	New York City, New York, Educational Construction Fund, Revenue Bonds, Series 2011A, 5.750%, 4/01/33 – AGM Insured	4/21 at 100.00	AA+	1,145,400
280	New York Convention Center Development Corporation, New York, Hotel Fee Revenue Bonds, Tender Option Bonds Trust 3095, 13.409%, 11/15/44 – AMBAC Insured (IF)	11/15 at 100.00	AA+	315,501
1,290	New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series 2002A, 5.000%, 1/01/23 – FGIC Insured	1/13 at 100.00	AAA	1,339,704
950	New York State Thruway Authority, Highway and Bridge Trust Fund Bonds, Second General, Series 2005B, 5.500%, 4/01/20 – AMBAC Insured	No Opt. Call	AA	1,215,069
1,200	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003A-1, 5.250%, 6/01/20 – AMBAC Insured	6/13 at 100.00	AA–	1,271,424
750	New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003B-1C, 5.500%, 6/01/21	6/13 at 100.00	AA–	797,280
295	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2010C, 5.125%, 8/01/42 – AGM Insured	8/20 at 100.00	AA–	308,962
3,500	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 8/01/41 – NPFG Insured	No Opt. Call	Aa2	585,620
25,305	Total Tax Obligation/Limited Transportation – 14.4% (9.4% of Total Investments)			23,874,522
	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005A:			
100	4.750%, 11/15/27 – NPFG Insured		AA–	108,231

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			11/15 at		
			100.00		
			11/15 at		
500	4.750%, 11/15/30 – AMBAC Insured		100.00	A	511,965
	Metropolitan Transportation Authority, New York, Transportation		11/12 at		
1,000	Revenue Refunding Bonds,		100.00	A	1,028,950
	Series 2002A, 5.000%, 11/15/25 – FGIC Insured				
	New York Liberty Development Corporation, Liberty Revenue Bonds,		11/21 at		
355	4 World Trade Center Project,		100.00	A+	362,054
	Series 2011, 5.000%, 11/15/44				
	New York State Thruway Authority, General Revenue Bonds,		1/18 at		
140	Refunding Series 2007H, 5.000%,		100.00	A+	157,032
	1/01/25 – FGIC Insured				
	New York State Thruway Authority, General Revenue Bonds, Series		1/15 at		
1,875	2005F, 5.000%, 1/01/20 –		100.00	A+	2,045,306
	AMBAC Insured				
	New York State Thruway Authority, General Revenue Bonds, Series		7/15 at		
3,000	2005G, 5.000%, 1/01/32 –		100.00	AA–	3,194,910
	AGM Insured				
	Port Authority of New York and New Jersey, Consolidated Revenue		8/17 at		
170	Bonds, One Hundred Forty		100.00	Aa2	217,525
	Eighth Series 2008, Trust 2920, 17.424%, 8/15/32 – AGM Insured (IF)				
7,140	Total Transportation				7,625,973
	U.S. Guaranteed – 24.1% (15.6% of Total Investments) (4)				
	Dormitory Authority of the State of New York, FHA-Insured Nursing		2/13 at		
1,185	Home Mortgage Revenue Bonds,		102.00	Aaa	1,272,595
	Shorefront Jewish Geriatric Center Inc., Series 2002, 5.200%, 2/01/32				
	(Pre-refunded 2/01/13)				
	Dormitory Authority of the State of New York, Revenue Bonds, North		5/13 at		
500	Shore Long Island Jewish		100.00	Aaa	534,330
	Group, Series 2003, 5.375%, 5/01/23 (Pre-refunded 5/01/13)				
	Dormitory Authority of the State of New York, Revenue Bonds,		7/12 at		
2,500	Rochester Institute of		100.00	A1 (4)	2,563,350
	Technology, Series 2002A, 5.250%, 7/01/22 (Pre-refunded 7/01/12) –				
	AMBAC Insured				
	Erie County Water Authority, New York, Water Revenue Bonds,		No Opt.		
55	Series 1990B, 6.750%, 12/01/14 –		Call	N/R (4)	61,085
	AMBAC Insured (ETM)				
	New York City Health and Hospitals Corporation, New York, Health		2/12 at		
500	System Revenue Bonds, Series		100.00	Aaa	503,330
	2002A, 5.500%, 2/15/17 (Pre-refunded 2/15/12) – AGM Insured				
	New York City Transitional Finance Authority, New York, Future		8/12 at		
3,000	Tax Secured Bonds, Fiscal		100.00	AAA	3,088,470
	Series 2003C, 5.250%, 8/01/18 (Pre-refunded 8/01/12) – AMBAC				
	Insured				
	New York City Transitional Finance Authority, New York, Future		2/13 at		
2,000	Tax Secured Refunding Bonds,		100.00	Aaa	2,103,380
	Fiscal Series 2003D, 5.000%, 2/01/22 (Pre-refunded 2/01/13) – NPFG				
	Insured				
	New York State Urban Development Corporation, State Personal		3/13 at		
500	Income Tax Revenue Bonds, State		100.00	AA+ (4)	531,605

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	Facilities and Equipment, Series 2002C-1, 5.500%, 3/15/21 (Pre-refunded 3/15/13) – FGIC Insured			
2,000	Power Authority of the State of New York, General Revenue Bonds, Series 2002A, 5.000%, 11/15/20 (Pre-refunded 11/15/12)	11/12 at 100.00	Aa2 (4)	2,083,240
12,240	Total U.S. Guaranteed Utilities – 6.7% (4.3% of Total Investments)			12,741,385
	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006A:			
1,130	5.000%, 12/01/23 – FGIC Insured	6/16 at 100.00	A–	1,240,830
870				