

NUVEEN INSURED NEW YORK TAX FREE ADVANTAGE MUNICIPAL FUND

Form N-Q

August 29, 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 811-21211

Nuveen Insured New York Tax-Free Advantage 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: 9/30

Date of reporting period: 6/30/11

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 Insured New York Tax-Free Advantage Municipal Fund			
(NRK)			
June 30, 2011			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3) Value
	Consumer Staples – 3.3% (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	\$ BBB 1,404,270
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 261,815
1,785	Total Consumer Staples		1,666,085
	Education and Civic Organizations – 30.2% (19.6% 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 – NPFPG Insured	7/17 at 100.00	A– 3,453,278
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 1,971,600
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 – NPFPG Insured	No Opt. Call	A– 2,079,300
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	AA– 1,078,150
410	Dormitory Authority of the State of New York, Lease Revenue Bonds, State University Dormitory Facilities, Series 2006A, 5.000%, 7/01/31 – NPFPG Insured	7/16 at 100.00	Aa2 417,712
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 1,041,250
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 957,380
	Dormitory Authority of the State of New York, Revenue Bonds, Rochester Institute of Technology, Series 2006A:		
100	5.250%, 7/01/20 – AMBAC Insured	No Opt. Call	A1 114,662
80	5.250%, 7/01/21 – AMBAC Insured		A1 91,512

		No Opt. Call		
225	Madison County Industrial Development Agency, New York, Civic Facility Revenue Bonds, Colgate University, Tender Option Bond Trust 3127, 13.298%, 1/01/14 – AMBAC Insured (IF)	No Opt. Call	AA+	235,044
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+	315,063
495	New York City Industrial Development Agency, New York, Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 7.000%, 3/01/49 – AGC Insured	3/19 at 100.00	AA+	547,648
	New York City Industrial Development Authority, New York, PILOT Revenue Bonds, Yankee Stadium Project, Series 2006:			
170	5.000%, 3/01/31 – FGIC Insured	9/16 at 100.00	BBB–	165,526
1,425	5.000%, 3/01/36 – NPFPG Insured	9/16 at 100.00	Baa1	1,315,774
840	4.500%, 3/01/39 – FGIC Insured	9/16 at 100.00	BBB–	700,644
1,000	New York City Trust for Cultural Resources, New York, Revenue Bonds, American Museum of Natural History, Series 2004A, 5.000%, 7/01/36 – NPFPG Insured	7/14 at 100.00	AA	1,009,010
15,445	Total Education and Civic Organizations Health Care – 22.2% (14.4% of Total Investments)			15,493,553
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 – NPFPG Insured	2/13 at 100.00	Baa1	2,004,900
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	3,005,040
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+	347,767
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	1,035,030
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+	253,190
25	Dormitory Authority of the State of New York, Revenue Bonds, Memorial Sloan-Kettering Cancer Center, Series 2003-1, 5.000%, 7/01/21 – NPFPG Insured	7/13 at 100.00	AA	26,395
780	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+	847,993
750	Dormitory Authority of the State of New York, Revenue Bonds, South Nassau Communities	7/13 at 100.00	Baa1	762,915

Edgar Filing: NUVEEN INSURED NEW YORK TAX FREE ADVANTAGE MUNICIPAL FUND - Form N-Q

	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+	305,900
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	2,777,676
11,090	Total Health Care			11,366,806
	Long-Term Care – 3.7% (2.4% of Total Investments)			
1,500	Dormitory Authority of the State of New York, FHA-Insured Nursing Home Mortgage Revenue Bonds, Norwegian Christian Home and Health Center, Series 2001, 6.100%, 8/01/41 – NPFPG Insured	8/11 at 105.00	BBB	1,582,620
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	AAA	293,700
1,790	Total Long-Term Care			1,876,320
	Tax Obligation/General – 3.1% (2.0% of Total Investments)			
1,000	Nassau County, New York, General Obligation Bonds, General Improvement Series 2009C, 5.000%, 10/01/29 – AGC Insured	10/19 at 100.00	AA+	1,035,130
50	New York City, New York, General Obligation Bonds, Fiscal Series 1998H, 5.125%, 8/01/25 – NPFPG Insured	8/11 at 100.00	AA	50,147
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+	254,482
250	New York City, New York, General Obligation Bonds: 5.000%, 11/01/19 – AGM Insured (UB)	11/14 at 100.00	AA+	276,238
1,525	Total Tax Obligation/General			1,615,997
	Tax Obligation/Limited – 45.6% (29.5% 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	2,840,395
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+	1,045,780
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+	3,122,490
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+	1,080,700
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+	371,963
1,085	Erie County Industrial Development Agency, New York, School Facility Revenue Bonds, Buffalo	5/17 at 100.00	AA+	1,173,221

Edgar Filing: NUVEEN INSURED NEW YORK TAX FREE ADVANTAGE MUNICIPAL FUND - Form N-Q

	City School District, Series 2007A, 5.750%, 5/01/28 – AGM Insured (UB)			
2,055	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 5.000%, 2/15/47 – FGIC Insured	2/17 at 100.00	A	1,866,063
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–	1,011,350
560	Monroe Newpower Corporation, New York, Power Facilities Revenue Bonds, Series 2003, 5.500%, 1/01/34	1/13 at 102.00	BBB	504,762
610	New York City Sales Tax Asset Receivable Corporation, New York, Dedicated Revenue Bonds, Local Government Assistance Corporation, Series 2004A: 5.000%, 10/15/25 – NPFG Insured (UB)	10/14 at 100.00	AAA	653,109
555	5.000%, 10/15/26 – NPFG Insured (UB)	10/14 at 100.00	AAA	594,399
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–	767,691
2,000	New York City Transitional Finance Authority, New York, Future Tax Secured Refunding Bonds, Fiscal Series 2003D, 5.000%, 2/01/22 – NPFG Insured	2/13 at 100.00	AAA	2,102,020
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+	1,084,980
280	New York Convention Center Development Corporation, Hotel Fee Revenue Bonds, Tender Option	11/15 at 100.00	AA+	292,306
1,290	Bonds Trust 3095, 13.399%, 11/15/44 – AMBAC Insured (IF) 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	1,350,927
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	1,141,558
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–	1,267,932
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–	793,778
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+	294,077
22,405	Total Tax Obligation/Limited Transportation – 13.7% (8.8% of Total Investments) Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series 2005A:			23,359,501

Edgar Filing: NUVEEN INSURED NEW YORK TAX FREE ADVANTAGE MUNICIPAL FUND - Form N-Q

100	4.750%, 11/15/27 – NPMG Insured	11/15 at 100.00	AA+	101,037
500	4.750%, 11/15/30 – AMBAC Insured	11/15 at 100.00	A	487,300
1,000	Metropolitan Transportation Authority, New York, Transportation Revenue Refunding Bonds, Series 2002A, 5.000%, 11/15/25 – FGIC Insured	11/12 at 100.00	A	1,008,520
140	New York State Thruway Authority, General Revenue Bonds, Refunding Series 2007H, 5.000%, 1/01/25 – FGIC Insured	1/18 at 100.00	A+	147,251
1,875	New York State Thruway Authority, General Revenue Bonds, Series 2005F, 5.000%, 1/01/20 – AMBAC Insured	1/15 at 100.00	A+	1,993,988
3,000	New York State Thruway Authority, General Revenue Bonds, Series 2005G, 5.000%, 1/01/32 – AGM Insured	7/15 at 100.00	AA+	3,065,940
170	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, One Hundred Forty Eighth Series 2008, Trust 2920, 17.932%, 8/15/32 – AGM Insured (IF)	8/17 at 100.00	AA+	191,481
6,785	Total Transportation U.S. Guaranteed – 25.2% (16.3% of Total Investments) (4)			6,995,517
1,185	Dormitory Authority of the State of New York, FHA-Insured Nursing Home Mortgage Revenue Bonds, Shorefront Jewish Geriatric Center Inc., Series 2002, 5.200%, 2/01/32 (Pre-refunded 2/01/13)	2/13 at 102.00	Aaa	1,296,343
500	Dormitory Authority of the State of New York, Revenue Bonds, North Shore Long Island Jewish Group, Series 2003, 5.375%, 5/01/23 (Pre-refunded 5/01/13)	5/13 at 100.00	Aaa	545,730
2,500	Dormitory Authority of the State of New York, Revenue Bonds, Rochester Institute of Technology, Series 2002A, 5.250%, 7/01/22 (Pre-refunded 7/01/12) – AMBAC Insured	7/12 at 100.00	A1 (4)	2,625,500
70	Erie County Water Authority, New York, Water Revenue Bonds, Series 1990B, 6.750%, 12/01/14 – AMBAC Insured (ETM)	No Opt. Call	AAA	77,450
500	New York City Health and Hospitals Corporation, New York, Health System Revenue Bonds, Series 2002A, 5.500%, 2/15/17 (Pre-refunded 2/15/12) – AGM Insured	2/12 at 100.00	Aaa	516,575
3,000	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal Series 2003C, 5.250%, 8/01/18 (Pre-refunded 8/01/12) – AMBAC Insured	8/12 at 100.00	AAA	3,162,420
500	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds, State Facilities and Equipment, Series 2002C-1, 5.500%, 3/15/21 (Pre-refunded 3/15/13) – FGIC Insured	3/13 at 100.00	AAA	543,720
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)	2,128,600
1,975			AAA	2,023,605

Edgar Filing: NUVEEN INSURED NEW YORK TAX FREE ADVANTAGE MUNICIPAL FUND - Form N-Q

	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, Series 2002A, 5.125%, 1/01/31 (Pre-refunded 1/01/12) – NPFG Insured	1/12 at 100.00		
12,230	Total U.S. Guaranteed Utilities – 6.5% (4.3% of Total Investments)			12,919,943
	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006A:			
		6/16 at		
1,130	5.000%, 12/01/23 – FGIC Insured	100.00	A–	1,185,732
		6/16 at		
870	5.000%, 12/01/25 – FGIC Insured	100.00	A–	903,947
		6/16 at		
1,000	5.000%, 12/01/26 – AGC Insured	100.00	AA+	1,032,720
	Long Island Power Authority, New York, Electric System General Revenue Bonds, Series 2006B, 5.000%, 12/01/35 – CIFG Insured	6/16 at 100.00	A–	125,238
110	Power Authority of the State of New York, General Revenue Bonds, Series 2006A, 5.000%, 11/15/19 – FGIC Insured	11/15 at 100.00	Aa2	120,604
3,235	Total Utilities Water and Sewer – 1.0% (0.6% of Total Investments)			3,368,236
	New York City Municipal Water Finance Authority, New York, Water and Sewer System Revenue Bonds, Series 2006B, 5.000%, 6/15/36 – NPFG Insured (UB)	6/16 at 100.00	AAA	504,667
\$ 76,785	Total Investments (cost \$77,512,860) – 154.5%			79,166,625
	Floating Rate Obligations – (4.7)%			(2,390,000)
	MuniFund Term Preferred Shares, at Liquidation Value – (54.0)% (5)			(27,680,000)
	Other Assets Less Liabilities – 4.2%			2,151,462
				\$
	Net Assets Applicable to Common Shares – 100%			51,248,087



## 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 June 30, 2011:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ —	\$79,166,625	\$ —	\$79,166,625

During the period ended June 30, 2011, the Fund recognized no significant transfers to or from Level 1, Level 2 or Level 3.

## 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 June 30, 2011, the cost of investments was \$74,130,241.

Gross unrealized appreciation and gross unrealized depreciation of investments at June 30, 2011, were as follows:

Gross unrealized:	
Appreciation	\$2,642,704
Depreciation	—
Net unrealized appreciation (depreciation) of investments	\$2,642,704

The Fund intends to invest at least 80% of its net assets in municipal securities that are covered by insurance guaranteeing the timely payment of principal and interest.

- (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. Such investments are normally considered to be equivalent to AAA rated securities.
- (5) MuniFund Term Preferred Shares, at Liquidation Value as a percentage of Total Investments is 35.0%.  
N/R Not rated.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).
  
- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d))) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

---

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Nuveen Insured New York Tax-Free Advantage Municipal Fund

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

Date August 29, 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 August 29, 2011

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

Date August 29, 2011