NUVEEN INSURED TAX FREE ADVANTAGE MUNICIPAL FUND Form N-Q September 28, 2006

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 811-21213

Nuveen Insured Tax-Free Advantage Municipal Fund (Exact name of registrant as specified in charter)

333 West Wacker Drive, Chicago, Illinois 60606 (Address of principal executive offices) (Zip code)

Jessica R. Droeger 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: <u>312-917-7700</u>

Date of fiscal year end: <u>10/31</u>

Date of reporting period: 7/31/06

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 Tax-Free Advantage Municipal Fund (NEA) July 31, 2006

Principal Amount (000) Description (1) Optional Ca Provisions (

 Alabama [] 8.3% (5.5% of Total Investments)
 6/13 at 101.

 5,655
 Colbert County-Northwest Health Care Authority, Alabama, Revenue Bonds, Helen Keller Hospital, 6/13 at 101.
 6/13 at 101.

 Series 2003, 5.750%, 6/01/27
 5/12 at 102.

 3,100
 Huntsville Healthcare Authority, Alabama, Revenue Bonds, Series 1998A, 5.400%, 6/01/22 []
 5/12 at 102.

 MBIA Insured
 6,280
 Jefferson County, Alabama, Sewer Revenue Capital Improvement Warrants, Series 2002D, 5.000%, 8/12 at 100.
 2/01/32 (Pre-refunded 8/01/12) [] FGIC Insured

 1,750
 Montgomery, Alabama, General Obligation Warrants, Series 2003, 5.000%, 5/01/21 [] AMBAC Insured
 5/12 at 101.

 4,500
 Sheffield, Alabama, Electric Revenue Bonds, Series 2003, 5.500%, 7/01/29 [] AMBAC Insured
 7/13 at 100.

21,285 Total Alabama

\$

Arizona [] 3.8% (2.5% of Total Investments) 11/12 at 100. 10,000 Maricopa County Pollution Control Corporation, Arizona, Revenue Bonds, Arizona Public Service Company [] Palo Verde Project, Series 2002A, 5.050%, 5/01/29 [] AMBAC Insured California 29.1% (19.2% of Total Investments) 26,300 California State Public Works Board, Lease Revenue Bonds, Department of General Services, 12/12 at 100. Capital East End Project, Series 2002A, 5.000%, 12/01/27 [] AMBAC Insured 7,500 California, General Obligation Bonds, Series 2004, 5.000%, 4/01/31 [] AMBAC Insured 4/14 at 100. 13,500 California, General Obligation Refunding Bonds, Series 2002, 5.250%, 4/01/30 🛛 XLCA Insured 4/12 at 100. 2,910 Cathedral City Public Financing Authority, California, Tax Allocation Bonds, Housing 8/12 at 102. Set-Aside, Series 2002D, 5.000%, 8/01/26 □ MBIA Insured 2,500 Irvine Public Facilities and Infrastructure Authority, California, Assessment Revenue Bonds, 9/06 at 103. Series 2003C, 5.000%, 9/02/23 || AMBAC Insured 4,000 Montara Sanitation District, California, General Obligation Bonds, Series 2003, 5.000%, 8/11 at 101. 8/01/28 [] FGIC Insured Plumas County, California, Certificates of Participation, Capital Improvement Program, Series 2003A: 1,130 5.250%, 6/01/19 🛛 AMBAC Insured 6/13 at 101. 1,255 5.250%, 6/01/21 [] AMBAC Insured 6/13 at 101. 1,210 Redding Joint Powers Financing Authority, California, Lease Revenue Bonds, Capital Improvement 3/13 at 100. Projects, Series 2003A, 5.000%, 3/01/23 [] AMBAC Insured 3,750 Sacramento Municipal Utility District, California, Electric Revenue Bonds, Series 2003R, 8/13 at 100. 5.000%, 8/15/28 [] MBIA Insured 5/13 at 100. 1,500 San Diego Community College District, California, General Obligation Bonds, Series 2003A, 5.000%, 5/01/28 [] FSA Insured 8/10 at 101. 3,000 San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 2002, 5.000%, 8/01/32 [] MBIA Insured 1,055 Turlock Irrigation District, California, Certificates of Participation, Series 2003A, 5.000%, 1/13 at 100. 1/01/28 🛛 MBIA Insured 6,300 University of California, Revenue Bonds, Multi-Purpose Projects, Series 2003A, 5.000%, 5/13 at 100. 5/15/33 🛛 AMBAC Insured

75,910 Total California

Colorado 🛛 3.8% (2.5% of Total Investments)

Bowles Metropolitan District, Colorado, General Obligation Bonds, Series 2003:

Eugar	^r Filing: NUVEEN INSURED TAX FREE ADVANTAGE MUNICIPAL FUND - Form N-Q				
4,300	5.500%, 12/01/23 🛛 FSA Insured	12/13 at 100.			
3,750 5.500%, 12/01/28 🛛 FSA Insured					
1,450	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds,	8/14 at 100.			
	Peak-to-Peak Charter School, Series 2004, 5.250%, 8/15/24 🛛 XLCA Insured				
9,500	Total Colorado				
	Florida 🛛 1.2% (0.8% of Total Investments)				
3,000	Pinellas County Health Facilities Authority, Florida, Revenue Bonds, Baycare Health System,	5/13 at 100.			
	Series 2003, 5.500%, 11/15/27 (Pre-refunded 5/15/13)				
	Georgia 🛛 2.0% (1.3% of Total Investments)				
1,410	DeKalb County, Georgia, Water and Sewer Revenue Bonds, Series 2006A, 5.000%, 10/01/35 🛛	10/16 at 100.			
	FSA Insured				
3,825		1/13 at 100.			
	Indenture Series 2002, 5.000%, 7/01/32 MBIA Insured				
5,235	Total Georgia				
	Illinois 🛛 3.7% (2.5% of Total Investments)				
905	Cook County School District 100, Berwyn South, Illinois, General Obligation Refunding Bonds,	12/13 at 100.			
	Series 2003B, 5.250%, 12/01/21 (Pre-refunded 12/01/13) 🛛 FSA Insured				
	Cook County School District 145, Arbor Park, Illinois, General Obligation Bonds, Series 2004:				
3,285	5.125%, 12/01/20 🛛 FSA Insured	12/14 at 100.			
2,940	5.125%, 12/01/23 🛛 FSA Insured	12/14 at 100.			
2,500	Illinois Health Facilities Authority, Revenue Bonds, Lake Forest Hospital, Series 2003, 5.250%, 7/01/23	7/13 at 100.			
9,630	Total Illinois				
	Indiana 🛛 8.8% (5.8% of Total Investments)				
2,500	Evansville, Indiana, Sewerage Works Revenue Refunding Bonds, Series 2003A, 5.000%, 7/01/23 🛛	7/13 at 100			
	AMBAC Insured				
2,190	Indiana Bond Bank, Advance Purchase Funding Bonds, Common School Fund, Series 2003B, 5.000%,	8/13 at 100			
	8/01/19 🛛 MBIA Insured				
1,000	Indiana University, Student Fee Revenue Bonds, Series 2003O, 5.000%, 8/01/22 🛛 FGIC Insured	8/13 at 100			
	IPS Multi-School Building Corporation, Indiana, First Mortgage Revenue Bonds, Series 2003:				
11,020	5.000%, 7/15/19 🛛 MBIA Insured	7/13 at 100			
6,000	5.000%, 7/15/20 🛛 MBIA Insured	7/13 at 100			
22 710	Total Indiana				
	3,750 1,450 9,500 3,000 1,410 3,825 5,235 905 3,285 2,940 2,500 2,500 2,500 2,500 2,190 1,000	 3,750 5.500%, 12/01/28 □ FSA Insured 1,450 Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Peak-to-Peak Charter School, Series 2004, 5.250%, 8/15/24 □ XLCA Insured 9,500 Total Colorado Florida □ 1.2% (0.8% of Total Investments) 3,000 Pinellas County Health Facilities Authority, Florida, Revenue Bonds, Baycare Health System, Series 2003, 5.500%, 11/15/27 (Pre-refunded 5/15/13) Georgia □ 2.0% (1.3% of Total Investments) 1,410 DeKalb County, Georgia, Water and Sewer Revenue Bonds, Series 2006A, 5.000%, 10/01/35 □ FSA Insured 3,825 Metropolitan Atlanta Rapid Transit Authority, Georgia, Sales Tax Revenue Bonds, Second Indenture Series 2002, 5.000%, 7/01/32 □ MBIA Insured 5,235 Total Georgia Ullinois □ 3.7% (2.5% of Total Investments) 905 Cook County School District 100, Berwyn South, Illinois, General Obligation Refunding Bonds, Series 20038, 5.250%, 12/01/21 (Pre-refunded 12/01/13) □ FSA Insured Cook County School District 100, Berwyn South, Illinois, General Obligation Bonds, Series 2004: 5.125%, 12/01/20 □ FSA Insured 5.125%, 12/01/20 □ FSA Insured 2,500 Illinois Health Facilities Authority, Revenue Bonds, Lake Forest Hospital, Series 2003, 5.250%, 7/01/23 □ 9,630 Total Illinois Indiana □ 8.8% (5.8% of Total Investments) 2,500 Evansville, Indiana, Sewerage Works Revenue Refunding Bonds, Series 2003A, 5.000%, 7/01/23 □ AMBAC Insured 2,100 Indiana Bond Bank, Advance Purchase Funding Bonds, Common School Fund, Series 2003B, 5.000%, 8/01/22 □ FGIC Insured IPS Multi-School Building Corporation, Indiana, First Mortgage Revenue Bonds, Series 2003: 5.000%, 7/15/20 □ MBIA Insured 5.000%, 7/15/20 □ MBIA Insured 5.000%, 7/15/20 □ MBIA Insured 			

Kansas 🛛 2.4% (1.6% of Total Investments)

6,250Kansas Development Finance Authority, Board of Regents, Revenue Bonds, Scientific Research and4/13 at 102.Development Facilities Projects, Series 2003C, 5.000%, 10/01/22 [] AMBAC Insured4/13 at 102.

Kentucky [] 0.4% (0.3% of Total Investments)

985	985 Kentucky State Property and Buildings Commission, Revenue Refunding Bonds, Project 77, Series 2003, 5.000%, 8/01/23 (Pre-refunded 8/01/13) [] MBIA Insured				
5,785	Louisiana [] 2.2% (1.5% of Total Investments) 5,785 New Orleans, Louisiana, General Obligation Refunding Bonds, Series 2002, 5.300%, 12/01/27 [] FGIC Insured				
	Massachusetts 🛛 5.1% (3.4% of Total Investments)				
9,000	Massachusetts Bay Transportation Authority, Senior Sales Tax Revenue Refunding Bonds, Series 2002A, 5.000%, 7/01/27 (Pre-refunded 7/01/12) [] FGIC Insured	7/12 at 100.0			
1,125	Massachusetts Development Finance Authority, Revenue Bonds, Middlesex School, Series 2003, 5.125%, 9/01/23	9/13 at 100.0			
3,000	Massachusetts Turnpike Authority, Metropolitan Highway System Revenue Bonds, Senior Series 1997A, 5.000%, 1/01/37 🛛 MBIA Insured	1/07 at 102.0			
13,125	Total Massachusetts				
	Michigan 🛛 11.7% (7.7% of Total Investments)				
6,130	Detroit, Michigan, Senior Lien Water Supply System Revenue Bonds, Series 2003A, 5.000%, 7/01/23 (Pre-refunded 7/01/13) 🛛 MBIA Insured	7/13 at 100.0			
4,465	Detroit, Michigan, Senior Lien Water Supply System Revenue Refunding Bonds, Series 2003C, 5.000%, 7/01/22 🛛 MBIA Insured	7/13 at 100.0			
10,800	Michigan Strategic Fund, Limited Obligation Resource Recovery Revenue Refunding Bonds, Detroit Edison Company, Series 2002D, 5.250%, 12/15/32 🛛 XLCA Insured	12/12 at 100.0			
2,250	Romulus Community Schools, Wayne County, Michigan, General Obligation Refunding Bonds, Series 2001, 5.250%, 5/01/25	5/11 at 100.0			
6,500	Wayne County, Michigan, Limited Tax General Obligation Airport Hotel Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2001A, 5.000%, 12/01/30 🛛 MBIA Insured	12/11 at 101.0			
30,145	Total Michigan				
	Missouri 🛛 1.1% (0.7% of Total Investments)				
240	Clay County Public School District 53, Liberty, Missouri, General Obligation Bonds, Series 2004, 5.250%, 3/01/24 🛛 FSA Insured	3/14 at 100.0			
215	Clay County Public School District 53, Liberty, Missouri, General Obligation Bonds, Series 2004, 5.250%, 3/01/23 🛛 FSA Insured	3/14 at 100.0			
	Clay County Public School District 53, Liberty, Missouri, General Obligation Bonds, Series 2004:				
1,110	5.250%, 3/01/23 (Pre-refunded 3/01/14) 🛛 FSA Insured	3/14 at 100.0			
1,260	5.250%, 3/01/24 (Pre-refunded 3/01/14) 🛛 FSA Insured	3/14 at 100.0			
2,825	Total Missouri				
	Nebraska 🛛 1.9% (1.3% of Total Investments)				
5,000	Lincoln, Nebraska, Sanitary Sewerage System Revenue Refunding Bonds, Series 2003, 5.000%, 6/15/28 🛛 MBIA Insured	6/13 at 100.0			

Nevada 🛛 0.9% (0.6% of Total Investments)

2,315 Clark County, Nevada, Subordinate Lien Airport Revenue Bonds, Series 2001B, 5.200%, 7/01/31 7/11 at 100.

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMP

(Pre-refunded 7/01/11) [] FGIC Insured

1,975	New Mexico [] 0.8% (0.5% of Total Investments) 1,975 New Mexico State University, Revenue Bonds, Series 2004, 5.000%, 4/01/19 [] AMBAC Insured						
	New York 🛛 10.2% (6.7% of Total Investments)						
25,000	Metropolitan Transportation Authority, New York, Transportation Revenue Refunding Bonds, Series 2002F, 5.000%, 11/15/31 🛛 MBIA Insured						
1,850							
26,850	Total New York						
	North Carolina 🛛 3.4% (2.2% of Total Investments)						
8,700	North Carolina Medical Care Commission, Revenue Bonds, Maria Parham Medical Center, Series 2003, 5.375%, 10/01/33 🛛 RAAI Insured	10/13 at 100.0					
	Oklahoma 🛛 0.5% (0.2% of Total Investments)						
1,000	1,000 Oklahoma Capitol Improvement Authority, State Facilities Revenue Bonds, Series 2005F, 5.000%, 7/01/24 [] AMBAC Insured						
	Oregon 🛛 3.6% (2.3% of Total Investments)						
9,350	Oregon Health Sciences University, Revenue Bonds, Series 2002A, 5.000%, 7/01/32 🛛 MBIA Insured	1/13 at 100.0					
	Pennsylvania 🛛 8.7% (5.8% of Total Investments)						
3,000	Lehigh County General Purpose Authority, Pennsylvania, Hospital Revenue Bonds, St. Luke∏s Hospital of Bethlehem, Series 2003, 5.375%, 8/15/33	8/13 at 100.0					
2,000	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, General Ordinance, Fourth Series 1998, 5.000%, 8/01/32 [] FSA Insured	8/13 at 100.0					
925	925 Philadelphia, Pennsylvania, Water and Wastewater Revenue Bonds, Series 1997A, 5.125%,						
4,075	8/01/27 [] AMBAC Insured (ETM) 4,075 Philadelphia, Pennsylvania, Water and Wastewater Revenue Bonds, Series 1997A, 5.125%,						
13,000	8/01/27 [] AMBAC Insured 13,000 State Public School Building Authority, Pennsylvania, Lease Revenue Bonds, Philadelphia School District, Series 2003, 5.000%, 6/01/33 [] FSA Insured						
23,000	Total Pennsylvania						
	South Carolina 🛛 7.4% (4.9% of Total Investments)						
5,000	Florence County, South Carolina, Hospital Revenue Bonds, McLeod Regional Medical Center,	11/14 at 100.0					
	Series 2004A, 5.250%, 11/01/23 🛛 FSA Insured Greenville County School District, South Carolina, Installment Purchase Revenue Bonds,						
	Series 2003:						
3,000	5.000%, 12/01/22	12/13 at 100.0					
1,785	5.000%, 12/01/23	12/13 at 100.0					
1,365	1,365 Myrtle Beach, South Carolina, Water and Sewerage System Revenue Refunding Bonds, Series 2003, 5.375%, 3/01/19 [] FGIC Insured						

8,000 South Carolina Transportation Infrastructure Bank, Revenue Bonds, Series 2002A, 5.000%, 10/12 at 100. 10/01/33 [] AMBAC Insured

19,150 Total South Carolina

Texas [] 13.0% (8.6% of Total Investments) 8/10 a 7,975 Fort Bend Independent School District, Fort Bend County, Texas, General Obligation Bonds, Series 2000, 5.000%, 8/15/25 8/10 a 12,500 Grand Prairie Independent School District, Dailas County, Texas, General Obligation Bonds, Series 2003, 5.125%, 2/15/31 [] FSA Insured 2/13 a 2,000 Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/14 a 5/15/25 [] MBIA Insured 3/12 a 5,515 Houston, Texas, General Obligation Refunding Bonds, Series 2002, 5.250%, 3/01/20 [] MBIA Insured 3/12 a 5,515 Houston, Texas, General Obligation Refunding Bonds, Series 2002, 5.250%, 3/01/20 [] MBIA Insured 3/12 a 5,515 Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General Obligation Bonds, Series 2002A, 5.125%, 2/15/18 3/12 a 33,840 Total Texas Virginia [] 0.6% (0.4% of Total Investments) 1/13 a 1,500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a 1/13 a 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.125%, 7/01/31 [] MBIA Insured 1/2/2 a 5,250 Chelan County Public Utility Ustrict 1, Washington, Revenue Bonds, Bremerton Government Coenter, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 1/13 a	19,150	0 Total South Carolina						
Series 2000, 5.000%, 8/15/25 2/13 a 12,500 Grand Prairie Independent School District, Dallas County, Texas, General Obligation Bonds, Series 2003, 5.125%, 2/15/31 [] FSA Insured 2/13 a 2,000 Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/14 a 5/15/25 [] MBIA Insured 3/12 a 5,515 Houston, Texas, General Obligation Refunding Bonds, Series 2002, 5.250%, 3/01/20 [] MBIA Insured 3/12 a 5,850 Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General 2/12 a Obligation Bonds, Series 2002A, 5.125%, 2/15/18 1/13 a 33,840 Total Texas 1/13 a Virginia [] 0.6% (0.4% of Total Investments) 1/13 a 1.500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a 4.945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 1/201/31 [] MBIA Insured 1/21 a 5.250 Chelan County Public Utility District 1, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 2.135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.250%, 1/2/01/17 [] FGIC Insured 9,670 9.670 Washington		Texas 🛛 13.0% (8.6% of Total Investments)						
Series 2003, 5.125%, 2/15/31 [] FSA Insured 5/15/25 2,000 Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/15/25 5/15/25 5,151 Houston, Texas, General Obligation Refunding Bonds, Series 2002, 5.250%, 3/01/20 [] MBIA Insured 3/12 a 5,850 Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General 2/12 a Obligation Bonds, Series 2002A, 5.125%, 2/15/18 2/12 a 33,840 Total Texas 1/13 a Virginia [] 0.6% (0.4% of Total Investments) 1/13 a 1,500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 1/2/12 [] MBIA Insured 2/12 a 5,250 Chelan County Public Utility District 1, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 1/2/12 [] ABIA Insured 7/13 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Feries 2003, 5.200%, 7/01/23 [] MBIA Insured 6/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 1/2/17 [] FGIC Insured 6/13 a 9,670 Washington Series 2003, 5.200%,	7,975	75 Fort Bend Independent School District, Fort Bend County, Texas, General Obligation Bonds,						
5/15/25 [] MBIA Insured 3/12 z 5,515 Houston, Texas, General Obligation Refunding Bonds, Series 2002, 5.250%, 3/01/20 [] MBIA Insured 3/12 z 5,850 Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General 2/12 a 0bligation Bonds, Series 2002A, 5.125%, 2/15/18 33,840 Total Texas 33,840 Total Texas 1/13 a MBAC Insured 1/13 a AMBAC Insured 1/13 a AMBAC Insured 1/21 a Series 2002, 5.000%, 12/01/31 [] MBIA Insured 1/21 a Series 2002, 5.000%, 12/01/31 [] MBIA Insured 7/12 a Series 2002, 5.125%, 7/01/33 [] MBIA Consured 7/13 a Center, Series 2002, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a Series 2002, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a Series 2002, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 6/13 a Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington Series 2003, 5.250%, 12/01/17 [] FGIC Insured 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 3,000 West Virginia [] 1.2% (0.8	12,500	Grand Prairie Independent School District, Dallas County, Texas, General Obligation Bonds,						
5,850 Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General Obligation Bonds, Series 2002A, 5.125%, 2/15/18 2/12 a 33,840 Total Texas Virginia [] 0.6% (0.4% of Total Investments) 1/13 a 1,500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a AMBAC Insured Vashington [] 9.2% (6.0% of Total Investments) 1/21 a 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 12/01/31 [] MBIA Insured 7/12 a 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.200%, 7/01/32 [] AMBAC Insured 7/13 a 9,670 Washington General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington Series 2003, 5.25%, 7/01/32 [] AMBAC Insured 6/13 a 23,935 Total Washington Series 2003, 5.25%, 7/01/17 [] FGIC Insured 6/13 a 9,670 Washington Series 2003, 5.375%, 7/01/21 [] AMBAC Insured 6/13 a 23,935 Total Washington Cen	2,000	Houston, Texas, First Lien Combined Utility System Revenue Bonds, Series 2004A, 5.250%, 5/1						
Obligation Bonds, Series 2002A, 5.125%, 2/15/18 33,840 Total Texas Virginia [] 0.6% (0.4% of Total Investments) 1/13 a 1,500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a AMBAC Insured 1/13 a 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002, 5.125%, 7/01/33 [] MBIA Insured 7/12 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington 1.2% (0.8% of Total Investments) 6/13 a 3,000 West Virginia [] 1.2% (0.8% of Total Investments) No Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2004, 5.250%, 3/01/24 [] FSA Insured 3/14 a	5,515	_						
Virginia [] 0.6% (0.4% of Total Investments) 1/13 a 1,500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28] 1/13 a AMBAC Insured 1/13 a 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 12/01/31 [] MBIA Insured 12/12 a 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002C, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington Steries 1998A, 5.375%, 7/01/21 [] AMBAC Insured No 23,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Wisconsin [] 6.7% (4.4% of Total Investments) 3/14 a 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2/	5,850							
1,500 Hampton, Virginia, Revenue Bonds, Convention Center Project, Series 2002, 5.125%, 1/15/28 [] 1/13 a AMBAC Insured Intervention 1/13 a 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 12/01/31 [] MBIA Insured 12/12 a 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Wisconsin [] 6.7% (4.4% of Total Investments) 3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Wisconsin [] 6.7% (4.4% of Total Investments) 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2004C,	33,840	Total Texas						
AMBAC Insured 4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 12/01/31 [] MBIA Insured 12/12 at Series 2002, 5.000%, 12/01/31 [] MBIA Insured 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, 7/12 at Series 2002, 5.125%, 7/01/33 [] AMBAC Insured 7/13 at Center, Series 2003, 5.000%, 12/01/21 [] MBIA Insured 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 1/01/23 [] MBIA Insured 7/13 at Center, Series 2003, 5.000%, 1/01/23 [] MBIA Insured 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, 6/13 at Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 at Series 2003, 5.250%, 12/01/17 [] FGIC Insured 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 at Series 2003, 5.250%, 12/01/17 [] FGIC Insured 3,000 West Virginia [] 1.2% (0.8% of Total Investments) No 3,000 West Virginia [] 1.2% (0.8% of Total Investments) No 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2004c, 5.250%, 3/01/24 [] FSA Insured 3/14 at 2004c, 5.250%, 3/01/24 [] FSA Insured		Virginia 🛛 0.6% (0.4% of Total Investments)						
4,945 Broadway Office Properties, King County, Washington, Lease Revenue Bonds, Washington Project, Series 2002, 5.000%, 12/01/31 [] MBIA Insured 12/12 a 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002C, 5.125%, 7/01/33 [] AMBAC Insured 7/12 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington Series 1098A, 5.375%, 7/01/21 [] AMBAC Insured No 23,935 Total Washington Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No 3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2/04C, 5.250%, 3/01/24 [] FSA Insured 3/14 a	1,500							
Series 2002, 5.000%, 12/01/31 [] MBIA Insured 7/12 a 5,250 Chelan County Public Utility District 1, Washington, Hydro Consolidated System Revenue Bonds, Series 2002C, 5.125%, 7/01/33 [] AMBAC Insured 7/13 a 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington 6 6/13 a 3,000 West Virginia [] 1.2% (0.8% of Total Investments) No No 3,000 West Virginia Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2004C, 5.250%, 3/01/24 [] FSA Insured 3/14 a		Washington 🛛 9.2% (6.0% of Total Investments)						
Series 2002C, 5.125%, 7/01/33 [AMBAC Insured 2,135 Kitsap County Consolidated Housing Authority, Washington, Revenue Bonds, Bremerton Government Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 7/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington 6/13 a 23,935 Total Washington No Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured 3/14 a 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 3/14 a 2004C, 5.250%, 3/01/24 [] FSA Insured 3/14 a	4,945							
Center, Series 2003, 5.000%, 7/01/23 [] MBIA Insured 6/13 a 1,935 Pierce County School District 343, Dieringer, Washington, General Obligation Refunding Bonds, Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington 6/13 a 23,935 Total Washington No 23,000 West Virginia [] 1.2% (0.8% of Total Investments) No 3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 3/14 a 3/14 a 2004C, 5.250%, 3/01/24 [] FSA Insured Site Series 3/14 a 3/14 a	5,250							
Series 2003, 5.250%, 12/01/17 [] FGIC Insured 6/13 a 9,670 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 [] MBIA Insured 6/13 a 23,935 Total Washington 9/10 a 3,000 West Virginia [] 1.2% (0.8% of Total Investments) No 3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 2004C, 5.250%, 3/01/24 [] FSA Insured 3/14 a	2,135							
23,935 Total Washington West Virginia [] 1.2% (0.8% of Total Investments) 3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Wisconsin [] 6.7% (4.4% of Total Investments) 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 3/14 at 2004C, 5.250%, 3/01/24 [] FSA Insured	1,935		6/13 at 100.					
West Virginia [] 1.2% (0.8% of Total Investments) No 3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and No Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Wisconsin [] 6.7% (4.4% of Total Investments) 3/14 a 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 3/14 a 2004C, 5.250%, 3/01/24 [] FSA Insured 3/14 a	9,670	0 Washington State, General Obligation Bonds, Series 2003D, 5.000%, 12/01/21 🛛 MBIA Insured 6/13						
3,000 West Virginia State Building Commission, Lease Revenue Refunding Bonds, Regional Jail and Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured No Wisconsin [] 6.7% (4.4% of Total Investments) 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 3/14 a 2004C, 5.250%, 3/01/24 [] FSA Insured	23,935	Total Washington						
Corrections Facility, Series 1998A, 5.375%, 7/01/21 [] AMBAC Insured Wisconsin [] 6.7% (4.4% of Total Investments) 1,190 Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series 3/14 a 2004C, 5.250%, 3/01/24 [] FSA Insured		West Virginia 🛛 1.2% (0.8% of Total Investments)						
1,190Sun Prairie Area School District, Dane County, Wisconsin, General Obligation Bonds, Series3/14 a2004C, 5.250%, 3/01/24 [] FSA Insured	3,000							
2004C, 5.250%, 3/01/24 🛛 FSA Insured		Wisconsin 🛛 6.7% (4.4% of Total Investments)						
4,605 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Franciscan Sisters of 9/13 a	1,190	2004C, 5.250%, 3/01/24 🛛 FSA Insured						
Christian Charity Healthcare Ministry, Series 2003A, 5.875%, 9/01/33	4,605							
3,000 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Meriter Hospital Inc., No Series 1992A, 6.000%, 12/01/22 [] FGIC Insured	3,000	No Opt. C						
	3,600	8/13 at 100.						

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMP

4,750 Wisconsin Health and Educational Facilities Authority, Revenue Refunding Bonds, Wausau Hospital Inc., Series 1998A, 5.125%, 8/15/20 [] AMBAC Insured

17,145 Total Wisconsin

\$ 393,145 Total Investments (cost \$394,011,024) [] 151.7%

Other Assets Less Liabilities [] 1.8%

Preferred Shares, at Liquidation Value [] (53.5)%

Net Assets Applicable to Common Shares [] 100%

Forward Swaps outstanding at July 31, 2006:

Counterparty	Notional Amount	Fixed Rate Paid by the Fund (annualized)	Fixed Rate Payment Frequency	Floating Rate Received by the Fund Based On	Floating Rate Payment Frequency	Effective Date (5)	Termination Date	Unre Appree (Deprec
Goldman Sachs	\$10,200,000	4.013%	Quarterly	BMA	Quarterly	9/14/06	9/14/26	\$ 3
Merrill Lynch	19,000,000	4.021	Quarterly	BMA	Quarterly	9/21/06	9/21/26	6

\$1,00

8/08 at 102.

BMA [] The daily arithmetic average of the weekly BMA (Bond Market Association) Municipal Swap Index.

At least 80% of the Fund s net assets (including net assets attributable to Preferred shares) are invested in municipal securities that are either covered by Original Issue Insurance, Secondary Market Insurance or Portfolio Insurance which ensures the timely payment of principal and interest. Up to 20% of the Fund s net assets (including net assets attributable to Preferred shares) may be invested in municipal securities that are (i) either backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities (also ensuring the timely payment of principal and interest), or (ii) rated, at the time of investment, within the four highest grades (Baa or BBB or better by Moody s, S&P or Fitch) or unrated but judged to be of comparable quality by the Adviser.

- (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 higher of Standard & Poor's or Moody's rating. Ratings below BBB by Standard & Poor's Group or Baa by Moody's Investor Service, Inc. are considered to be below investment grade.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.

- (5) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.
- (ETM) Escrowed to maturity.

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 the treatment of paydown gains and losses, timing differences in recognizing taxable market discount and timing differences in recognizing certain gains and losses on investment transactions.

At July 31, 2006, the cost of investments was \$398,012,196.

Gross unrealized appreciation and gross unrealized depreciation of investments at July 31, 2006, were as follows:

Gross unrealized:	
Appreciation	\$14,805,795
Depreciation	(4,036,134)
Net unrealized appreciation (depreciation) of investments	\$10,769,661

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: 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) <u>Nuveen Insured Tax-Free Advantage Municipal Fund</u>

By (Signature and Title)* /s/ Jessica R. Droeger Jessica R. Droeger

SIGNATURES

Vice President and Secretary

Date September 28, 2006

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 September 28, 2006

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

Date September 28, 2006

* Print the name and title of each signing officer under his or her signature.