

NUVEEN DIVIDEND ADVANTAGE MUNICIPAL FUND 3
Form N-Q
March 30, 2007

**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 811-10345

Nuveen Dividend Advantage Municipal Fund 3

(Exact name of registrant as specified in charter)

Nuveen Investments

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: 312-917-7700

Date of fiscal year end: 10/31

Date of reporting period: 1/31/07

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 Dividend Advantage Municipal Fund 3 (NZF)

January 31, 2007

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

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Alabama □ 1.0% (0.6% of Total Investments)

\$	5,655	Alabama State Port Authority, Revenue Bonds, State Docks Department Facilities, Series 2001, 5.250%, 10/01/26 (Pre-refunded 10/01/11) □ AMBAC Insured (Alternative Minimum Tax)	10/11 at 100
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Alaska □ 2.7% (1.7% of Total Investments)

	4,000	Alaska Student Loan Corporation, Student Loan Revenue Bonds, Series 1998A, 5.250%, 7/01/14 □ AMBAC Insured (Alternative Minimum Tax)	7/08 at 100
	12,500	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/46	6/14 at 100

16,500 Total Alaska

Arkansas □ 0.9% (0.6% of Total Investments)

Sebastian County Health Facilities Board, Arkansas, Hospital Revenue Improvement Bonds, Sparks Regional Medical Center, Series 2001A:

	1,805	5.500%, 11/01/13	11/11 at 101
	1,900	5.500%, 11/01/14	11/11 at 101
	1,745	5.250%, 11/01/21	11/11 at 101

5,450 Total Arkansas

California □ 12.6% (8.1% of Total Investments)

California Health Facilities Financing Authority, Health Facility Revenue Bonds, Adventist Health System/West, Series 2003A:

	855	5.000%, 3/01/28	3/13 at 100
	55	5.000%, 3/01/33	3/13 at 100
	10,000	California Infrastructure Economic Development Bank, First Lien Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2003A, 5.000%, 7/01/33 (Pre-refunded 1/01/28) □ AMBAC Insured (UB)	1/28 at 100
	5,000	California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31	8/11 at 102
	5,000	California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2004G, 2.300%, 4/01/34 (Pre-refunded 5/01/07)	5/07 at 100
	18,850	California, General Obligation Veterans Welfare Bonds, Series 2001BZ, 5.350%, 12/01/21 □ MBIA Insured (Alternative Minimum Tax)	6/07 at 101
		Los Angeles Regional Airports Improvement Corporation, California, Lease Revenue Refunding Bonds, LAXFUEL Corporation at Los Angeles International Airport, Series 2001:	
	13,955	5.750%, 1/01/16 □ AMBAC Insured (Alternative Minimum Tax)	1/12 at 100
	5,000	5.375%, 1/01/21 □ AMBAC Insured (Alternative Minimum Tax)	1/12 at 100
	1,500	5.250%, 1/01/23 □ AMBAC Insured (Alternative Minimum Tax)	1/12 at 100
	10,000	5.500%, 1/01/32 □ AMBAC Insured (Alternative Minimum Tax)	1/12 at 100
	10,000	San Joaquin Hills Transportation Corridor Agency, Orange County, California, Toll Road Revenue Refunding Bonds, Series 1997A, 0.000%, 1/15/35 □ MBIA Insured	No Opt. C
	3,000	San Mateo County Community College District, California, General Obligation Bonds, Series 2006C, 0.000%, 9/01/30 □ MBIA Insured	No Opt. C

83,215 Total California

Colorado □ 6.3% (4.1% of Total Investments)

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2,250	Canterberry Crossing Metropolitan District II, Parker, Colorado, Limited Tax General Obligation Bonds, Series 2002, 7.375%, 12/01/32	12/12 at 100
1,655	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Belle Creek Education Center, Series 2002A, 7.625%, 3/15/32	3/12 at 100
3,240	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Montessori Peaks Building Foundation, Series 2002A, 8.000%, 5/01/32 (Pre-refunded 3/01/10)	3/10 at 102
1,775	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Weld County School District 6 □ Frontier Academy, Series 2001, 7.375%, 6/01/31 (Pre-refunded 6/01/11)	6/11 at 100
3,560	Colorado Educational and Cultural Facilities Authority, Revenue Bonds, Montessori Peaks Academy, Series 2006, 5.400%, 5/01/26	5/16 at 102
3,380	Colorado Housing Finance Authority, Multifamily Project Bonds, Class I, Series 2001A-1, 5.500%, 4/01/31 (Alternative Minimum Tax)	10/11 at 100
10,100	Colorado Springs, Colorado, Utility System Revenue Refunding and Improvement Bonds, Series 1997A, 5.375%, 11/15/26	11/07 at 100
5,365	Denver City and County, Colorado, Airport Revenue Bonds, Series 2006, 5.000%, 11/15/23 □ FGIC Insured (UB)	11/16 at 100
2,545	Denver City and County, Colorado, Airport Revenue Bonds, Series 2006, 7.261%, 11/15/25 □ (IF)	11/16 at 100
2,000	Denver City and County, Colorado, Airport System Revenue Refunding Bonds, Series 2001A, 5.500%, 11/15/16 □ FGIC Insured (Alternative Minimum Tax)	11/11 at 100
1,000	Plaza Metropolitan District 1, Lakewood, Colorado, Tax Increment Revenue Bonds, Series 2003, 8.000%, 12/01/25	6/14 at 101

36,870 Total Colorado

Delaware □ 0.4% (0.3% of Total Investments)

2,560	Delaware Housing Authority, Multifamily Mortgage Revenue Bonds, Series 2001A, 5.400%, 7/01/24	7/12 at 100
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District of Columbia □ 1.0% (0.7% of Total Investments)

6,000	District of Columbia, Revenue Bonds, Catholic University of America, Series 1999, 5.625%, 10/01/29 □ AMBAC Insured	10/09 at 101
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Florida □ 1.6% (1.0% of Total Investments)

2,000	Dade County, Florida, Water and Sewerage System Revenue Bonds, Series 1997, 5.375%, 10/01/16 □ FGIC Insured	10/07 at 102
	Orange County Housing Finance Authority, Florida, Multifamily Housing Revenue Bonds, Oak Glen Apartments, Series 2001G:	
1,105	5.400%, 12/01/32 □ FSA Insured	12/11 at 100
2,195	5.450%, 12/01/41 □ FSA Insured	12/11 at 100
4,175	Pace Property Finance Authority Inc., Florida, Utility System Improvement and Revenue Refunding Bonds, Series 1997, 5.250%, 9/01/17 □ AMBAC Insured	9/07 at 102

9,475 Total Florida

Georgia □ 2.4% (1.5% of Total Investments)

5,000	Atlanta, Georgia, Airport General Revenue Bonds, Series 2000B, 5.625%, 1/01/30 □ FGIC Insured (Alternative Minimum Tax)	1/10 at 101
2,700	Atlanta, Georgia, Tax Allocation Bonds, Atlantic Station Project, Series 2001, 7.900%, 12/01/24	12/11 at 101

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2,000	Fulton County Residential Care Facilities Authority, Georgia, Revenue Bonds, Elderly Care, Lenbrook Square Project, Series 2006A, 5.125%, 7/01/42	7/17 at 100
3,740	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2001, 5.500%, 5/15/31	5/11 at 100
500	Gainesville Redevelopment Authority, Georgia, Educational Facilities Revenue Bonds, Riverside Military Academy Project, Series 2007, 5.125%, 3/01/37	3/17 at 100

13,940 Total Georgia

Illinois □ 20.6% (13.5% of Total Investments)

16,000	Chicago Greater Metropolitan Area Sanitary District, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/35 (UB)	12/16 at 100
285	Chicago, Illinois, General Obligation Refunding Bonds, Series 1996B, 5.125%, 1/01/25 □ FGIC Insured	7/07 at 101
8,375	Chicago, Illinois, Revenue Bonds, Midway Airport, Series 2001A, 5.500%, 1/01/19 □ FSA Insured (Alternative Minimum Tax)	1/11 at 101
1,750	Chicago, Illinois, Sales Tax Revenue Bonds, Series 1998, 5.250%, 1/01/28 □ FGIC Insured	7/08 at 102
10,800	Chicago, Illinois, Sales Tax Revenue Bonds, Series 1999, 5.375%, 1/01/30 (Pre-refunded 1/01/09) □ FGIC Insured	1/09 at 101
4,950	Chicago, Illinois, Second Lien Passenger Facility Charge Revenue Bonds, O'Hare International Airport, Series 2001A, 5.375%, 1/01/32 □ AMBAC Insured (Alternative Minimum Tax)	1/11 at 101
8,610	Chicago, Illinois, Second Lien Wastewater Transmission Revenue Bonds, Series 2001A, 5.500%, 1/01/26 (Pre-refunded 1/01/11) □ AMBAC Insured	1/11 at 100
2,220	Chicago, Illinois, Second Lien Wastewater Transmission Revenue Bonds, Series 2001A, 5.500%, 1/01/16 □ MBIA Insured	No Opt. C
10,000	Chicago, Illinois, Senior Lien Water Revenue Bonds, Series 2001, 5.000%, 11/01/26 (Pre-refunded 11/01/11) □ AMBAC Insured	11/11 at 100
1,665	Chicago, Illinois, Third Lien General Airport Revenue Bonds, O'Hare International Airport, Series 2005A, 5.000%, 1/01/33 □ FGIC Insured	1/16 at 100
2,415	Illinois Finance Authority, General Obligation Debt Certificates, Local Government Program □ Kankakee County, Series 2005B, 5.000%, 12/01/24 □ AMBAC Insured	12/14 at 100
1,100	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2000, 6.500%, 5/15/30	5/10 at 101
9,000	Illinois Health Facilities Authority, Revenue Bonds, Covenant Retirement Communities Inc., Series 2001, 5.875%, 12/01/31	12/11 at 101
15,000	Illinois Health Facilities Authority, Revenue Bonds, Loyola University Health System, Series 2001A, 6.125%, 7/01/31 (Pre-refunded 7/01/11)	7/11 at 100
5,000	Lake County School District 38, Big Hollow, Illinois, General Obligation Bonds, Series 2005, 0.000%, 2/01/22 □ AMBAC Insured	No Opt. C
7,000	Lombard Public Facilities Corporation, Illinois, First Tier Conference Center and Hotel Revenue Bonds, Series 2005A-1, 7.125%, 1/01/36	1/16 at 100
16,900	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1999A, 5.250%, 12/15/28 □ FGIC Insured	12/09 at 101
2,000	Metropolitan Pier and Exposition Authority, Illinois, Revenue Refunding Bonds, McCormick Place Expansion Project, Series 1998A, 5.500%, 6/15/29 □ FGIC Insured	No Opt. C

123,070 Total Illinois

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Indiana □ 5.8% (3.7% of Total Investments)

Clark-Pleasant Community School Building Corporation, Indiana, First Mortgage Bonds,
Series 2001:

1,255 5.000%, 7/15/21 (Pre-refunded 1/15/12) □ AMBAC Insured 1/12 at 100

1,000 5.000%, 1/15/26 (Pre-refunded 1/15/12) □ AMBAC Insured 1/12 at 100

Evansville Vanderburgh Public Library Lease Corporation, Indiana, First Mortgage Bonds,
Series 2001:

2,000 5.750%, 7/15/18 (Pre-refunded 1/15/12) □ MBIA Insured 1/12 at 100

2,750 5.125%, 1/15/24 (Pre-refunded 1/15/12) □ MBIA Insured 1/12 at 100

3,395 Gary, Indiana, GNMA/FHA Mortgage Revenue Bonds, Windsor Square Project, Series 2001A, 5.375%,
10/20/41 (Alternative Minimum Tax) 11/11 at 102

1,250 Hamilton Southeastern Cumberland Campus School Building Corporation, Indiana, First Mortgage
Bonds, Series 2001, 5.125%, 1/15/23 (Pre-refunded 1/15/12) □ AMBAC Insured 1/12 at 100

9,500 Indiana Educational Facilities Authority, Revenue Bonds, Butler University, Series 2001,
5.500%, 2/01/26 □ MBIA Insured 2/11 at 100

4,230 Indiana Finance Authority, Educational Facilities Revenue Bonds, Tudor Park Foundation, Series
2005B, 5.000%, 6/01/24 6/15 at 100

2,800 Indiana Health Facility Financing Authority, Revenue Bonds, Community Hospitals of Indiana,
Series 2005A, 5.000%, 5/01/35 □ AMBAC Insured 5/15 at 100

3,500 University of Southern Indiana, Student Fee Bonds, Series 2001H, 5.000%, 10/01/21 □ AMBAC
Insured 10/11 at 100

Wayne County Jail Holding Corporation, Indiana, First Mortgage Bonds, Series 2001:

1,150 5.625%, 7/15/18 □ AMBAC Insured 1/13 at 101

1,090 5.500%, 7/15/22 □ AMBAC Insured 1/13 at 101

33,920 Total Indiana

Iowa □ 5.8% (3.8% of Total Investments)

2,000 Iowa Finance Authority, Healthcare Revenue Bonds, Great River Medical Center, Series 2001,
5.250%, 5/15/31 □ FSA Insured 5/11 at 100

Iowa Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2001B:
28,000 5.300%, 6/01/25 (Pre-refunded 6/01/11) 6/11 at 101

3,950 5.600%, 6/01/35 (Pre-refunded 6/01/11) 6/11 at 101

33,950 Total Iowa

Kentucky □ 3.1% (2.0% of Total Investments)

18,500 Louisville and Jefferson County Metropolitan Sewer District, Kentucky, Sewer and Drainage
System Revenue Bonds, Series 2001A, 5.125%, 5/15/27 □ MBIA Insured 11/11 at 101

Louisiana □ 3.4% (2.2% of Total Investments)

19,890 Tobacco Settlement Financing Corporation, Louisiana, Tobacco Settlement Asset-Backed Bonds,
Series 2001B, 5.875%, 5/15/39 5/11 at 101

Maine □ 1.1% (0.7% of Total Investments)

Maine State Housing Authority, Single Family Mortgage Purchase Bonds, Series 2001B:

4,610 5.400%, 11/15/21 (Alternative Minimum Tax) 11/10 at 100

1,745 5.500%, 11/15/32 (Alternative Minimum Tax) 11/10 at 100

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6,355 Total Maine

Maryland □ 2.3% (1.5% of Total Investments)

1,570	Maryland Community Development Administration, Insured Multifamily Housing Mortgage Loan Revenue Bonds, Series 2001B, 5.250%, 7/01/21 (Alternative Minimum Tax)	7/11 at 100
2,000	Maryland Economic Development Corporation, Revenue Bonds, Chesapeake Bay Hyatt Conference Center, Series 2006A, 5.000%, 12/01/31	12/16 at 100
10,600	Maryland Energy Financing Administration, Revenue Bonds, AES Warrior Run Project, Series 1995, 7.400%, 9/01/19 (Alternative Minimum Tax)	9/07 at 100

14,170 Total Maryland

Massachusetts □ 1.0% (0.7% of Total Investments)

5,000	Massachusetts Port Authority, Special Facilities Revenue Bonds, Delta Air Lines Inc., Series 2001A, 5.500%, 1/01/18 □ AMBAC Insured (Alternative Minimum Tax)	1/11 at 101
1,000	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2007, Residual Trust 7039, 5.850%, 8/01/46 (WI/DD, Settling 2/01/07) □ (IF)	2/17 at 100

6,000 Total Massachusetts

Michigan □ 9.2% (5.9% of Total Investments)

15,000	Detroit City School District, Wayne County, Michigan, Unlimited Tax School Building and Site Improvement Bonds, Series 2001A, 6.000%, 5/01/29 □ FSA Insured	No Opt. C
11,000	Kent Hospital Finance Authority, Michigan, Revenue Bonds, Spectrum Health, Series 2001A, 5.500%, 1/15/31 (Pre-refunded 7/15/11)	7/11 at 101
1,235	Michigan State Building Authority, Revenue Bonds, Facilities Program, Series 2001I, 5.500%, 10/15/18	10/11 at 100
1,355	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Detroit Medical Center Obligated Group, Series 1998A, 5.250%, 8/15/23	8/08 at 101
3,485	Michigan State Hospital Finance Authority, Hospital Revenue Refunding Bonds, Sisters of Mercy Health Corporation, Series 1993P, 5.375%, 8/15/14 □ MBIA Insured (ETM)	No Opt. C
	Michigan State Hospital Finance Authority, Hospital Revenue Refunding Bonds, Sparrow Obligated Group, Series 2001:	
1,400	5.500%, 11/15/21	11/11 at 101
2,500	5.625%, 11/15/31	11/11 at 101
12,640	Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital, Series 2001M, 5.250%, 11/15/31 □ MBIA Insured	11/11 at 100
2,395	Ypsilanti Community Utilities Authority, Washtenaw County, Michigan, General Obligation Bonds, Sanitary Sewerage System 3, Series 2001, 5.100%, 5/01/31 (Pre-refunded 5/01/11) □ FGIC Insured	5/11 at 100

51,010 Total Michigan

Minnesota □ 0.6% (0.4% of Total Investments)

2,330	Dakota County Community Development Agency, Minnesota, GNMA Collateralized Multifamily Housing Revenue Bonds, Rose Apartments Project, Series 2001, 6.350%, 10/20/37 (Alternative Minimum Tax)	10/11 at 105
1,000	Saint Paul Port Authority, Minnesota, Lease Revenue Bonds, Regions Hospital Parking Ramp Project, Series 2007-1, 5.000%, 8/01/36	8/16 at 100

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3,330 Total Minnesota

Mississippi □ 0.4% (0.2% of Total Investments)

2,155 Mississippi Business Finance Corporation, GNMA Collateralized Retirement Facility Mortgage Revenue Refunding Bonds, Aldersgate Retirement Community Inc. Project, Series 1999A, 5.450%, 5/20/34 5/09 at 103

Missouri □ 2.5% (1.6% of Total Investments)

1,825 Fenton, Missouri, Tax Increment Refunding and Improvement Revenue Bonds, Gravois Bluffs Redevelopment Project, Series 2002, 6.125%, 10/01/21 (Pre-refunded 10/01/12) 10/12 at 100
 Missouri Development Finance Board, Cultural Facilities Revenue Bonds, Nelson Gallery Foundation, Series 2001A:
 3,335 5.250%, 12/01/19 □ MBIA Insured 12/11 at 100
 3,510 5.250%, 12/01/20 □ MBIA Insured 12/11 at 100
 3,695 5.250%, 12/01/21 □ MBIA Insured 12/11 at 100
 2,040 5.250%, 12/01/22 □ MBIA Insured 12/11 at 100
 14,405 Total Missouri

Montana □ 0.8% (0.5% of Total Investments)

5,000 Montana Board of Investments, Exempt Facility Revenue Bonds, Stillwater Mining Company, Series 2000, 8.000%, 7/01/20 (Alternative Minimum Tax) 7/10 at 101

Nebraska □ 1.6% (1.1% of Total Investments)

Nebraska Investment Finance Authority, Single Family Housing Revenue Bonds, Series 2001D:
 2,255 5.250%, 9/01/21 (Alternative Minimum Tax) 9/11 at 100
 3,035 5.375%, 9/01/32 (Alternative Minimum Tax) 9/11 at 100
 4,490 Omaha Public Power District, Nebraska, Separate Electric System Revenue Bonds, Nebraska City 2, Series 2006A, 5.000%, 2/01/49 □ AMBAC Insured (UB) 2/17 at 100

9,780 Total Nebraska

Nevada □ 7.8% (5.0% of Total Investments)

35,000 Clark County, Nevada, Limited Tax General Obligation Bank Bonds, Series 2000, 5.500%, 7/01/30 (Pre-refunded 7/01/10) □ MBIA Insured (5) 7/10 at 100
 2,000 Director of Nevada State Department of Business and Industry, Revenue Bonds, Las Vegas Monorail Project, First Tier, Series 2000, 5.375%, 1/01/40 □ AMBAC Insured 1/10 at 100
 4,000 Director of Nevada State Department of Business and Industry, Revenue Bonds, Las Vegas Monorail Project, Second Tier, Series 2000, 7.375%, 1/01/40 1/10 at 102
 255 Nevada Housing Division, Single Family Mortgage Bonds, Senior Series 1998A-1, 5.300%, 4/01/18 (Alternative Minimum Tax) 4/08 at 101
 4,290 University of Nevada, Revenue Bonds, Community College System, Series 2001A, 5.250%, 7/01/26 □ FGIC Insured 1/12 at 100

45,545 Total Nevada

New Hampshire □ 0.3% (0.2% of Total Investments)

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2,000 New Hampshire Health and Education Authority, Hospital Revenue Bonds, Concord Hospital, Series 2001, 5.500%, 10/01/21 ☐ FSA Insured 10/11 at 101

New Jersey ☐ 4.0% (2.6% of Total Investments)

10,000 New Jersey Economic Development Authority, Water Facilities Revenue Bonds, American Water Company, Series 2002A, 5.250%, 11/01/32 ☐ AMBAC Insured (Alternative Minimum Tax) 11/12 at 101
 4,125 New Jersey Transit Corporation, Certificates of Participation, Federal Transit Administration Grants, Series 2002A, 5.500%, 9/15/13 ☐ AMBAC Insured No Opt. C
 20,000 New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2006C, 0.000%, 12/15/28 ☐ AMBAC Insured No Opt. C
 2,000 Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds, Series 2007-1A, 4.750%, 6/01/34 6/17 at 100

36,125 Total New Jersey

New York ☐ 4.0% (2.6% of Total Investments)

1,780 East Rochester Housing Authority, New York, GNMA Secured Revenue Bonds, Gates Senior Housing Inc., Series 2001, 5.300%, 4/20/31 10/11 at 101
 5,015 Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 4.500%, 2/15/47 ☐ MBIA Insured (UB) 2/17 at 100
 4,155 Monroe County Airport Authority, New York, Revenue Refunding Bonds, Greater Rochester International Airport, Series 1999, 5.750%, 1/01/13 ☐ MBIA Insured (Alternative Minimum Tax) No Opt. C
 7,000 New York City Industrial Development Agency, New York, American Airlines-JFK International Airport Special Facility Revenue Bonds, Series 2005, 7.750%, 8/01/31 (Alternative Minimum Tax) 8/16 at 101
 1,715 New York City, New York, General Obligation Bonds, Fiscal Series 2002G, 5.625%, 8/01/20 ☐ MBIA Insured 8/12 at 100
 785 New York City, New York, General Obligation Bonds, Fiscal Series 2002G, 5.625%, 8/01/20 (Pre-refunded 8/01/12) ☐ MBIA Insured 8/12 at 100
 2,000 New York State Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed and State Contingency Contract-Backed Bonds, Series 2003B-1C, 5.500%, 6/01/16 6/11 at 100

22,450 Total New York

North Carolina ☐ 1.1% (0.7% of Total Investments)

Charlotte-Mecklenburg Hospital Authority, North Carolina, Healthcare System Revenue Bonds, DBA Carolinas Healthcare System, Series 2005A:
 1,750 4.875%, 1/15/32 1/15 at 100
 3,000 5.000%, 1/15/45 1/15 at 100
 1,800 North Carolina Municipal Power Agency 1, Catawba Electric Revenue Bonds, Series 2003A, 5.500%, 1/01/13 No Opt. C

6,550 Total North Carolina

Ohio ☐ 2.2% (1.4% of Total Investments)

2,170 Ohio Housing Finance Agency, GNMA Mortgage-Backed Securities Program Residential Mortgage Revenue Bonds, Series 1998A-1, 5.300%, 9/01/19 ☐ FSA Insured (Alternative Minimum Tax) 3/08 at 101
 7,400 Ohio Water Development Authority, Solid Waste Disposal Revenue Bonds, Bay Shore Power, Series 1998B, 6.625%, 9/01/20 (Alternative Minimum Tax) 9/09 at 102

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Portage County, Ohio, General Obligation Bonds, Series 2001:

1,870	5.000%, 12/01/21 ☐ FGIC Insured	12/11 at 100
1,775	5.000%, 12/01/23 ☐ FGIC Insured	12/11 at 100

13,215 Total Ohio

Oklahoma ☐ 0.4% (0.3% of Total Investments)

2,500	Oklahoma Development Finance Authority, Revenue Refunding Bonds, Hillcrest Healthcare System, Series 1999A, 5.625%, 8/15/29 (Pre-refunded 8/15/09)	8/09 at 101
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Oregon ☐ 2.5% (1.6% of Total Investments)

4,700	Oregon Health, Housing, Educational and Cultural Facilities Authority, Revenue Bonds, PeaceHealth Project, Series 2001, 5.250%, 11/15/21 ☐ AMBAC Insured	11/11 at 101
10,000	Oregon Housing and Community Services Department, Multifamily Housing Revenue Bonds, Series 2000A, 6.050%, 7/01/42 (Alternative Minimum Tax)	7/10 at 100

14,700 Total Oregon

Pennsylvania ☐ 1.9% (1.2% of Total Investments)

Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, West Penn Allegheny Health System, Series 2000B:

2,000	9.250%, 11/15/22	11/10 at 102
2,000	9.250%, 11/15/30	11/10 at 102
3,500	Pennsylvania Economic Development Financing Authority, Senior Lien Resource Recovery Revenue Bonds, Northampton Generating Project, Series 1994A, 6.600%, 1/01/19 (Alternative Minimum Tax)	7/07 at 100
3,205	Philadelphia School District, Pennsylvania, General Obligation Bonds, Series 2002B, 5.625%, 8/01/16 (Pre-refunded 8/01/12) ☐ FGIC Insured	8/12 at 100

10,705 Total Pennsylvania

South Carolina ☐ 1.6% (1.0% of Total Investments)

2,185	Greenville County, South Carolina, Special Source Revenue Bonds, Road Improvement Project, Series 2001, 5.500%, 4/01/21 ☐ AMBAC Insured	4/11 at 101
6,850	South Carolina Transportation Infrastructure Bank, Revenue Bonds, Series 2001A, 5.500%, 10/01/22 (Pre-refunded 10/01/11) ☐ AMBAC Insured	10/11 at 100

9,035 Total South Carolina

Tennessee ☐ 1.4% (0.9% of Total Investments)

3,680	Knox County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Refunding Bonds, Covenant Health, Series 2006, 0.000%, 1/01/41	1/17 at 30
5,210	Memphis-Shelby County Airport Authority, Tennessee, Airport Revenue Bonds, Series 2001A, 5.500%, 3/01/14 ☐ FSA Insured (Alternative Minimum Tax)	3/11 at 100
275	Sullivan County Health Educational and Housing Facilities Board, Tennessee, Revenue Bonds, Wellmont Health System, Series 2006C, 5.250%, 9/01/36	9/16 at 100
945	Tennessee Housing Development Agency, Homeownership Program Bonds, Series 1998-2, 5.350%, 7/01/23 (Alternative Minimum Tax)	1/09 at 101

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975 Tennessee Housing Development Agency, Homeownership Program Bonds, Series 2001-3A, 5.200%, 7/01/22 (Alternative Minimum Tax) 7/11 at 100

11,085 Total Tennessee

Texas 17.7% (11.6% of Total Investments)

5,445 Board of Regents, University of Texas System, Financing System Revenue Bonds, Series 2006F, 4.250%, 8/15/36 (UB) 2/17 at 100

1,125 Brushy Creek Municipal Utility District, Williamson County, Texas, Combination Unlimited Tax and Revenue Refunding Bonds, Series 2001, 5.125%, 6/01/26 1 FSA Insured 6/09 at 100

Collins and Denton Counties, Frisco, Texas, General Obligation Bonds, Series 2001:

1,910 5.000%, 2/15/20 1 FGIC Insured 2/11 at 100

2,005 5.000%, 2/15/21 1 FGIC Insured 2/11 at 100

3,850 Dallas-Ft. Worth International Airport, Texas, Joint Revenue Refunding and Improvement Bonds, Series 2001A, 5.500%, 11/01/35 1 FGIC Insured (Alternative Minimum Tax) 11/11 at 100

5,000 Decatur Hospital Authority, Texas, Revenue Bonds, Wise Regional Health System, Series 2004A, 7.000%, 9/01/25 9/14 at 100

4,040 Harris County, Texas, Tax and Revenue Certificates of Obligation, Series 2001, 5.000%, 8/15/27 8/11 at 100

6,000 Houston, Texas, Junior Lien Water and Sewerage System Revenue Refunding Bonds, Series 2001B, 5.500%, 12/01/29 1 MBIA Insured (ETM) No Opt. C

7,000 Houston, Texas, Subordinate Lien Airport System Revenue Bonds, Series 1998B, 5.250%, 7/01/14 1 FGIC Insured (Alternative Minimum Tax) 7/08 at 101

Houston, Texas, Subordinate Lien Airport System Revenue Refunding Bonds, Series 2001A:

2,525 5.500%, 7/01/13 1 FGIC Insured (Alternative Minimum Tax) 1/12 at 100

2,905 5.500%, 7/01/14 1 FGIC Insured (Alternative Minimum Tax) 1/12 at 100

4,735 Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Series 2007, Residuals 07-1001, 6.510%, 2/01/14 (WI/DD, Settling 2/01/07) (IF) No Opt. C

Jefferson County Health Facilities Development Corporation, Texas, FHA-Insured Mortgage Revenue Bonds, Baptist Hospital of Southeast Texas, Series 2001:

8,500 5.400%, 8/15/31 1 AMBAC Insured 8/11 at 100

8,500 5.500%, 8/15/41 1 AMBAC Insured 8/11 at 100

10,700 Laredo Independent School District, Webb County, Texas, General Obligation Refunding Bonds, Series 2001, 5.000%, 8/01/25 8/11 at 100

2,500 Matagorda County Navigation District 1, Texas, Collateralized Revenue Refunding Bonds, Houston Light and Power Company, Series 1997, 5.125%, 11/01/28 1 AMBAC Insured (Alternative Minimum Tax) No Opt. C

1,540 Medina Valley Independent School District, Medina County, Texas, General Obligation Bonds, Series 2001, 5.250%, 2/15/26 (Pre-refunded 2/15/11) 2/11 at 100

5,430 Mineral Wells Independent School District, Pale Pinto and Parker Counties, Texas, Unlimited School Tax Building and Refunding Bonds, Series 1998, 4.750%, 2/15/22 2/08 at 100

2,905 North Central Texas Health Facilities Development Corporation, Revenue Bonds, Texas Health Resources System, Series 1997B, 5.375%, 2/15/26 1 MBIA Insured 2/08 at 102

95 North Central Texas Health Facilities Development Corporation, Revenue Bonds, Texas Health Resources System, Series 1997B, 5.375%, 2/15/26 (Pre-refunded 2/15/08) 1 MBIA Insured 2/08 at 102

3,045 Port of Houston Authority, Harris County, Texas, General Obligation Port Improvement Bonds, Series 2001B, 5.500%, 10/01/17 1 FGIC Insured (Alternative Minimum Tax) 10/11 at 100

10,665 Texas Department of Housing and Community Affairs, Residential Mortgage Revenue Bonds, Series 2001A, 5.350%, 7/01/33 (Alternative Minimum Tax) 7/11 at 100

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White Settlement Independent School District, Tarrant County, Texas, General Obligation Bonds, Series 2006:

9,110	0.000%, 8/15/37	8/15 at 31
9,110	0.000%, 8/15/40	8/15 at 27
7,110	0.000%, 8/15/44	8/15 at 21

125,750 Total Texas

Utah □ 0.8% (0.5% of Total Investments)

Utah Housing Corporation, Single Family Mortgage Bonds, Series 2001E:

1,695	5.200%, 1/01/18 (Alternative Minimum Tax)	7/11 at 100
535	5.500%, 1/01/23 (Alternative Minimum Tax)	7/11 at 100

Utah Housing Corporation, Single Family Mortgage Bonds, Series 2001F-1:

2,175	4.950%, 7/01/18 (Alternative Minimum Tax)	7/11 at 100
550	5.300%, 7/01/23 (Alternative Minimum Tax)	7/11 at 100

4,955 Total Utah

Virginia □ 0.8% (0.5% of Total Investments)

7,000	Pocahontas Parkway Association, Virginia, Senior Lien Revenue Bonds, Route 895 Connector Toll Road, Series 1998B, 0.000%, 8/15/13 (Pre-refunded 8/15/08)	8/08 at 77
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Washington □ 15.5% (10.2% of Total Investments)

Bellingham Housing Authority, Washington, Housing Revenue Bonds, Varsity Village Project, Series 2001A:

1,000	5.500%, 12/01/27 □ MBIA Insured	12/11 at 100
2,000	5.600%, 12/01/36 □ MBIA Insured	12/11 at 100

1,500	Grays Harbor County Public Utility District 1, Washington, Electric System Revenue Bonds, Series 2001, 5.125%, 1/01/22 (Pre-refunded 1/01/11) □ AMBAC Insured	1/11 at 100
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2,475	Klickitat County Public Utility District 1, Washington, Electric Revenue Bonds, Series 2001B, 5.000%, 12/01/26 (Pre-refunded 12/01/11) □ AMBAC Insured	12/11 at 100
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12,955	Port of Seattle, Washington, Passenger Facility Charge Revenue Bonds, Series 1998B, 5.300%, 12/01/16 □ AMBAC Insured (Alternative Minimum Tax)	12/08 at 101
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Port of Seattle, Washington, Revenue Bonds, Series 2001B:

2,535	5.625%, 4/01/18 □ FGIC Insured (Alternative Minimum Tax)	10/11 at 100
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16,000	5.100%, 4/01/24 □ FGIC Insured (Alternative Minimum Tax)	10/08 at 100
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2,090	Public Utility District 1, Benton County, Washington, Electric Revenue Refunding Bonds, Series 2001A, 5.625%, 11/01/15 □ FSA Insured	11/11 at 100
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5,680	Seattle, Washington, Municipal Light and Power Revenue Refunding and Improvement Bonds, Series 2001, 5.500%, 3/01/18 □ FSA Insured	3/11 at 100
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4,530	Tacoma, Washington, Solid Waste Utility Revenue Refunding Bonds, Series 2001, 5.250%, 12/01/21 (Pre-refunded 12/01/11) □ AMBAC Insured	12/11 at 100
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3,720	Washington State Healthcare Facilities Authority, Revenue Bonds, Children's Hospital and Regional Medical Center, Series 2001, 5.375%, 10/01/18 (Pre-refunded 10/01/11) □ AMBAC Insured	10/11 at 100
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Washington State Healthcare Facilities Authority, Revenue Bonds, Good Samaritan Hospital, Series 2001:

5,480	5.500%, 10/01/21 □ RAAI Insured	10/11 at 101
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25,435	5.625%, 10/01/31 □ RAAI Insured	10/11 at 101
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Washington State Healthcare Facilities Authority, Revenue Bonds, Group Health Cooperative of
Puget Sound, Series 2001:

3,005	5.375%, 12/01/17 <input type="checkbox"/> AMBAC Insured	12/11 at 101
2,915	5.375%, 12/01/18 <input type="checkbox"/> AMBAC Insured	12/11 at 101

91,320 Total Washington

Wisconsin 4.2% (2.7% of Total Investments)

Appleton, Wisconsin, Waterworks Revenue Refunding Bonds, Series 2001:

3,705	5.375%, 1/01/20 (Pre-refunded 1/01/12) <input type="checkbox"/> FGIC Insured	1/12 at 100
1,850	5.000%, 1/01/21 (Pre-refunded 1/01/12) <input type="checkbox"/> FGIC Insured	1/12 at 100
12,250	La Crosse, Wisconsin, Pollution Control Revenue Refunding Bonds, Dairyland Power Cooperative, Series 1997B, 5.550%, 2/01/15 <input type="checkbox"/> AMBAC Insured	12/08 at 102
350	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert and Community Health Obligated Group, Series 2001, 5.375%, 10/01/30	10/11 at 101
3,650	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert and Community Health Obligated Group, Series 2001, 5.375%, 10/01/30 (Pre-refunded 10/01/11)	10/11 at 101
2,500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2001B, 6.000%, 2/15/25	2/12 at 100

24,305 Total Wisconsin

\$ 948,440 Total Long-Term Investments (cost \$902,205,558) 153.3%

Short-Term Investments 1.0% (0.6% of Total Investments)

\$ 1,400	East Bay Municipal Utility District, Alameda and Contra Costa Counties, California, Water System Subordinated Revenue Bonds, Variable Rate Demand Obligations, Series 2005B-2, 3.330%, 6/01/38 <input type="checkbox"/> XLCA Insured (6)	
2,000	Idaho Health Facilities Authority, Revenue Bonds, St. Luke's Regional Medical Center, Variable Rate Demand Obligations, Series 2005, 3.700%, 7/01/35 <input type="checkbox"/> FSA Insured (6)	
2,650	Puerto Rico Government Development Bank, Adjustable Refunding Bonds, Variable Rate Demand Obligations, Series 1985, 3.300%, 12/01/15 <input type="checkbox"/> MBIA Insured (6)	

\$ 6,050 Total Short-Term Investments (cost \$6,050,000)

Total Investments (cost \$908,255,558) 154.3%

Floating Rate Obligations (5.0)%

Other Assets Less Liabilities 1.2%

Preferred Shares, at Liquidation Value (50.5)%

Net Assets Applicable to Common Shares 100%

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Forward Swaps outstanding at January 31, 2007:

Counterparty	Notional Amount	Fund		Floating Rate Index	Fixed Rate (Annualized)	Fixed Rate Payment Frequency	Effective Date (7)	Termination Date	A (De
		Pay/Receive	Floating Rate						
Merrill Lynch	\$26,750,000	Pay		3-Month USD-LIBOR	5.184%	Semi-Annually	10/30/07	10/30/16	

USD-LIBOR (United States Dollar-London Inter-Bank Offered Rate)

Futures Contracts outstanding at January 31, 2007:

Type	Contract Position	Number of Contracts	Contract Expiration	Value at January 31, 2007	Unrealized Appreciation (Depreciation)
U.S. Treasury Bonds	Long	159	3/07	\$17,509,875	\$(554,49

- (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) Portion of the investment, with an aggregate market value of \$179,423, has been pledged to collateralize the net payment obligations under forward swap contracts.
 - (6) Investment has a maturity of more than one year, but has variable rate and demand features which qualify it as a short-term investment. The rate disclosed is that in effect at the end of the reporting period. This rate changes periodically based on market conditions or a specified market index.
 - (7) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.
- N/R Not rated.
- WI/DD Purchased on a when-issued or delayed delivery basis.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction pursuant to the provisions of SFAS No. 140.

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, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate transactions subject to SFAS No. 140.

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At January 31, 2007, the cost of investments was \$877,220,150.

Gross unrealized appreciation and gross unrealized depreciation of investments at January 31, 2007, were as follows:

Gross unrealized:	
Appreciation	\$45,872,467
Depreciation	(674,915)
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Net unrealized appreciation (depreciation) of investments	\$45,197,552

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) Nuveen Dividend Advantage Municipal Fund 3

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

Date March 30, 2007

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)

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Date March 30, 2007

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

Date March 30, 2007

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