

NUVEEN MASSACHUSETTS DIVIDEND ADVANTAGE MUNICIPAL FUND
Form N-Q
April 29, 2005

**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 811-09451

Nuveen Massachusetts Dividend 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: 312-917-7700

Date of fiscal year end: 05/31

Date of reporting period: 02/28/05

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 Massachusetts Dividend Advantage Municipal Fund (NMB)
February 28, 2005

Principal Description ⁽¹⁾	Optional Call Provisions*	Ratings**	Market Value
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QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMP

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Principal Amount (000)		Optional Call	Market
Consumer Discretionary - 1.6% (1.1% of Total Investments)			
\$ 500	Boston Industrial Development Financing Authority, Massachusetts, Senior Revenue Bonds, Crosstown Center Project, Series 2002, 6.500%, 9/01/35 (Alternative Minimum Tax)	9/12 at 102.00	Ba3 \$ 483,735
Education and Civic Organizations - 32.2% (21.7% of Total Investments)			
1,085	Massachusetts Educational Finance Authority, Educational Loan Revenue Bonds, Series 2001E, 5.300%, 1/01/16 (Alternative Minimum Tax) - AMBAC Insured	7/10 at 100.00	AAA 1,097,684
280	Massachusetts Development Finance Authority, Revenue Bonds, Massachusetts College of Pharmacy and Allied Health Sciences, Series 2005D: 5.000%, 7/01/24 - AGC Insured	7/15 at 100.00	AAA 292,874
215	5.000%, 7/01/35 - AGC Insured	7/15 at 100.00	AAA 221,822
1,000	Massachusetts Development Finance Authority, Revenue Refunding Bonds, Boston University, Series 1999P, 6.000%, 5/15/59	5/29 at 105.00	A3 1,193,850
500	Massachusetts Development Finance Authority, Revenue Bonds, Milton Academy, Series 2003A, 5.000%, 9/01/19	9/13 at 100.00	AA- 538,670
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Boston College, Series 2003N, 5.250%, 6/01/18	6/13 at 100.00	AA- 1,086,010
2,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Tufts University, Series 2001I, 5.500%, 2/15/36	2/11 at 100.00	AA- 2,191,060
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Massachusetts Institute of Technology, Series 2004M, 5.250%, 7/01/15	No Opt. Call	AAA 567,680
250	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2005-1, 5.000%, 5/01/15 - AMBAC Insured	No Opt. Call	AAA 275,153
1,250	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2000-2, 5.250%, 11/01/20 - AMBAC Insured	11/10 at 100.00	AAA 1,355,613
600	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2003-1, 5.250%, 11/01/18 - AMBAC Insured	11/13 at 100.00	AAA 660,678
250	University of Massachusetts Building Authority, Senior Lien Project Revenue Bonds, Series 2004-1, 5.250%, 11/01/24 - AMBAC Insured	11/14 at 100.00	AAA 272,235
Healthcare - 13.5% (9.1% of Total Investments)			
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Partners HealthCare System Inc., Series 1999B, 5.125%, 7/01/19	7/09 at 101.00	AA- 1,047,900
1,000	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Partners HealthCare System Inc., Series 2001C, 5.750%, 7/01/32	7/11 at 101.00	AA- 1,095,760

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Principal		Optional Call		Market
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, UMass Memorial Health Care, Series 2001C, 6.625%, 7/01/32	7/11 at 100.00	BBB	534,965
375	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Covenant Health Systems Obligated Group, Series 2002, 6.000%, 7/01/31	1/12 at 101.00	A-	399,371
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Berkshire Health System, Series 2001E, 6.250%, 10/01/31	10/11 at 101.00	BBB+	525,890
500	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Northern Berkshire Community Services Inc., Series 2004B, 6.375%, 7/01/34	7/14 at 100.00	BB	504,075
Housing/Multifamily - 13.2% (8.9% of Total Investments)				
1,000	Massachusetts Development Finance Authority, GNMA Collateralized Assisted Living Facility Revenue Bonds, Arbors at Chicopee, Series 2001A, 6.250%, 9/20/42 (Alternative Minimum Tax)	3/12 at 105.00	AAA	1,108,780
1,250	Massachusetts Housing Finance Agency, Rental Housing Mortgage Revenue Bonds, Series 2001A, 5.850%, 7/01/35 (Alternative Minimum Tax) - AMBAC Insured	1/11 at 100.00	AAA	1,302,962
500	Massachusetts Housing Finance Agency, Housing Revenue Bonds, Series 2003S, 5.050%, 12/01/23 (Alternative Minimum Tax)	6/13 at 100.00	AA-	510,555
1,000	Somerville Housing Authority, Massachusetts, GNMA Collateralized Mortgage Revenue Bonds, Clarendon Hill Towers, Series 2002, 5.200%, 11/20/22	5/12 at 103.00	AAA	1,071,040
Housing/Single Family - 2.9% (2.0% of Total Investments)				
840	Massachusetts Housing Finance Agency, Single Family Housing Revenue Bonds, Series 82, 5.375%, 12/01/20 (Alternative Minimum Tax) - FSA Insured	6/10 at 100.00	AAA	876,414
Industrials - 0.6% (0.5% of Total Investments)				
200	Massachusetts Development Finance Agency, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2003, 5.450%, 6/01/14	No Opt. Call	BBB	213,962
Long-Term Care - 2.3% (1.5% of Total Investments)				
655	Massachusetts Development Finance Authority, First Mortgage Revenue Bonds, Berkshire Retirement Community - Edgcombe Project, Series 2001A, 6.750%, 7/01/21	7/11 at 102.00	BBB-	688,071
Tax Obligation/General - 33.5% (22.6% of Total Investments)				
310	Ashland, Massachusetts, General Obligation Bonds, Series 2004, 5.250%, 5/15/23 - AMBAC Insured	5/15 at 100.00	Aaa	340,166
1,000	Boston, Massachusetts, General Obligation Bonds, Series 2001A, 5.000%, 2/01/20	2/11 at 100.00	Aa1	1,060,380
2,000	Brookline, Massachusetts, General Obligation Bonds, Series 2000, 5.375%, 4/01/17	4/10 at 101.00	Aaa	2,215,360
500	East Longmeadow, Massachusetts, General Obligation Bonds, Series 2001, 5.000%, 8/01/14 - AMBAC Insured	8/11 at 101.00	Aaa	546,355

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Principal		Optional Call		Market
440	Fall River, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 2/01/21 - FSA Insured	2/13 at 101.00	AAA	473,251
1,675	Lawrence, Massachusetts, General Obligation Bonds, Series 2001, 5.000%, 2/01/21 - AMBAC Insured	2/11 at 100.00	Aaa	1,777,962
1,095	Lynn, Massachusetts, General Obligation Bonds, Series 2001, 5.375%, 8/15/12 - FGIC Insured	8/11 at 101.00	Aaa	1,227,057
750	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2002D, 5.500%, 8/01/19	No Opt. Call	Aa2	863,903
500	Norwell, Massachusetts, General Obligation Bonds, Series 2003, 5.000%, 11/15/20 - FGIC Insured	No Opt. Call	AAA	555,720
500	Springfield, Massachusetts, General Obligation Bonds, Series 2003: 5.250%, 1/15/15 - MBIA Insured	1/13 at 100.00	AAA	555,425
500	5.250%, 1/15/23 - MBIA Insured	1/13 at 100.00	AAA	548,990
Tax Obligation/Limited - 20.0% (13.5% of Total Investments)				
395	Martha's Vineyard Land Bank, Massachusetts, Revenue Bonds, Series 2004, 5.000%, 5/01/26 - AMBAC Insured	5/14 at 100.00	AAA	417,136
1,000	Massachusetts Bay Transportation Authority, Assessment Bonds, Series 2000A, 5.250%, 7/01/30	7/10 at 100.00	AAA	1,087,590
385	Massachusetts Bay Transportation Authority, Senior Lien Sales Tax Revenue Bonds, Series 2004C, 5.250%, 7/01/21	No Opt. Call	AAA	436,101
230	Massachusetts College Building Authority, Project Revenue Bonds, Series 2004A, 5.000%, 5/01/19 - MBIA Insured	5/14 at 100.00	AAA	246,866
750	Massachusetts, Special Obligation Dedicated Tax Revenue Bonds, Series 2004, 5.250%, 1/01/25 - FGIC Insured	1/14 at 100.00	AAA	810,788
1,250	Massachusetts, Special Obligation Refunding Notes, Federal Highway Grant Anticipation Note Program, Series 2003A, 5.000%, 12/15/13 - FSA Insured	No Opt. Call	Aaa	1,361,988
1,000	Puerto Rico Municipal Finance Agency, Series 1999A, 6.000%, 8/01/16 - FSA Insured	8/09 at 101.00	AAA	1,128,860
500	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Notes, Series 1999A, 6.375%, 10/01/19	10/10 at 101.00	BBB	573,920
Transportation - 3.5% (2.4% of Total Investments)				
1,000	Massachusetts Port Authority, Special Facilities Revenue Bonds, BOSFUEL Corporation, Series 1997, 5.500%, 7/01/18 (Alternative Minimum Tax) - MBIA Insured	7/07 at 102.00	AAA	1,060,530
U.S. Guaranteed *** - 9.2% (6.2% of Total Investments)				
1,000	Puerto Rico, The Children's Trust Fund, Tobacco Settlement Asset-Backed Bonds, Series 2000, 6.000%, 7/01/26 (Pre-refunded to 7/01/10)	7/10 at 100.00	AAA	1,137,220
500	Massachusetts, General Obligation Bonds, Consolidated Loan, Series 2004B, 5.000%, 8/01/24 (Pre-refunded to 8/01/14)	8/14 at 100.00	Aa2***	549,555
1,000		10/10 at 101.00	AAA	1,102,280

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Principal	Optional Call	Market		
Puerto Rico Infrastructure Financing Authority, Special Obligation Bonds, Series 2000A, 5.500%, 10/01/40				
Utilities - 5.6% (3.8% of Total Investments)				
1,070	Massachusetts Development Finance Agency, Resource Recovery Revenue Bonds, SEMass System, Series 2001A, 5.625%, 1/01/14 - MBIA Insured	1/12 at 101.00 AAA 1,192,494		
500	Massachusetts Industrial Finance Agency, Resource Recovery Revenue Refunding Bonds, Ogden Haverhill Project, Series 1998A, 5.600%, 12/01/19 (Alternative Minimum Tax)	12/08 at 102.00 BBB 512,395		
Water and Sewer - 9.9% (6.7% of Total Investments)				
530	Boston Water and Sewerage Commission, Massachusetts, General Revenue Bonds, Senior Series 2004A, 5.000%, 11/01/25	11/14 at 100.00 AA 561,016		
1,405	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Subordinate Series 1999A, 5.750%, 8/01/29	8/09 at 101.00 AAA 1,556,529		
300	Massachusetts Water Resources Authority, General Revenue Bonds, Series 2000A, 5.750%, 8/01/30 - FGIC Insured	8/10 at 101.00 AAA 335,722		
500	Massachusetts Water Pollution Abatement Trust, Revenue Bonds, MWRA Loan Program, Series 2002A, 5.250%, 8/01/20	8/12 at 100.00 AAA 548,540		
\$ 41,335	Total Long-Term Investments (cost \$42,493,792) - 148.0%	44,900,908		
Other Assets Less Liabilities - 1.5%		432,578		
Preferred Shares, at Liquidation Value - (49.5)%		(15,000,000)		
Net Assets Applicable to Common Shares - 100%		\$30,333,486		
Forward Swap Contracts outstanding at February 28, 2005:				
	Notional Amount	Effective Date ⁽²⁾	Termination Date (Depreciation)	Unrealized Appreciation
Agreement with Morgan Stanley dated December 2, 2004, to pay semi-annually the notional amount multiplied by 5.465% (annualized) and receive quarterly the notional amount multiplied by the three-month USD-LIBOR (United States Dollar-London Inter-Bank Offered Rates).	\$450,000	7/11/05	7/11/25	\$(16,839)
Agreement with Morgan Stanley dated December 8, 2004, to pay semi-annually the notional amount multiplied by 5.313% (annualized) and receive quarterly the notional amount multiplied by the three-month USD-LIBOR (United States Dollar-London Inter-Bank Offered Rates).	300,000	7/18/05	7/18/35	(4,762)
				\$(21,601)

Unrealized

-
- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each forward swap contract.
- * 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.
- ** Ratings: Using the higher of Standard & Poor's or Moody's rating.
- *** Securities are backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities which ensures the timely payment of principal and interest. Such securities are normally considered to be equivalent to AAA rated securities.

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 income on taxable market

discount securities and timing differences in recognizing certain gains and losses on security transactions.

At February 28, 2005, the cost of investments was \$42,478,795.

Gross unrealized appreciation and gross unrealized depreciation of investments at February 28, 2005, were as follows:

Gross unrealized:	
Appreciation	\$2,446,459
Depreciation	(24,346)
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Net unrealized appreciation of investments	\$2,422,113

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.

SIGNATURES

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(Registrant) Nuveen Massachusetts Dividend Advantage Municipal Fund

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

Date 04/29/05

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--Chief Administrative Officer (principal executive officer)

Date 04/29/05

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

Date 04/29/05

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