

(Print or Type Responses)

1. Name and Address of Reporting Person - BANK OF AMERICA CORP /DE/		2. Issuer Name and Ticker or Trading Symbol NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND [NMT]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director ____ Officer (give title below) ____ X ____ 10% Owner ____ Other (specify below)						
(Last) (First) (Middle) BANK OF AMERICA CORPORATE CENTER, 100 N. TRYON STREET		3. Date of Earliest Transaction (Month/Day/Year) 02/16/2011								
(Street) CHARLOTTE, NC 28255		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) ____ Form filed by One Reporting Person ____ X ____ Form filed by More than One Reporting Person						
(City) (State) (Zip)		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)				Price
Auction Rate Preferred (1)	02/16/2011		J(2)		174	D	(2)	0	I	See Footnote (1)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)															
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BANK OF AMERICA CORP /DE/ BANK OF AMERICA CORPORATE CENTER 100 N. TRYON STREET CHARLOTTE, NC 28255		X		
Blue Ridge Investments, L.L.C. 214 N. TRYON STREET CHARLOTTE, NC 28255		X		

Signatures

Bank of America Corporation, By:/s/Michael Didovic, Title: Director		03/01/2011
 Signature of Reporting Person		Date
Blue Ridge Investments, L.L.C., By:/s/ John Hiebendahl, Title: SVP		02/28/2011
 Signature of Reporting Person		Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The Auction Rate Preferred Shares ("Shares") reported in Table I represent Shares beneficially owned by Blue Ridge Investors, L.L.C. ("Blue Ridge"). Blue Ridge is a wholly owned subsidiary of Bank of America, N.A. ("BANA"). BANA is a wholly owned subsidiary of Bank of America.
- (2) The Shares were called for redemption by the issuer at par value.

Remarks:
The Shares reported herein represent Bank of America's combined holdings in multiple series of auction rate preferred securities of the issuer, which are treated herein as one class of securities in accordance with the Auction Rate Securities action letter issued by the Securities and Exchange Commission on September 22, 2008. The disposition reported relates to CUSIP 67061E203.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.