

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934  
(Amendment No. 2)**

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**Pioneer Municipal High Income Advantage Trust**  
(Name of Issuer)

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**AUCTION RATE PREFERRED**  
(Title of Class of Securities)

**723762**  
(CUSIP Number)

**December 31, 2010**  
(Date of Event Which Requires Filing of this Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act, but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAMES OF REPORTING PERSONS/I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)	
	Bank of America Corporation 56-0906609	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER  0
	6	SHARED VOTING POWER  629
	7	SOLE DISPOSITIVE POWER  0
	8	SHARED DISPOSITIVE POWER  629
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  629	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  10.5%	
12	TYPE OF REPORTING PERSON  HC	

1	NAMES OF REPORTING PERSONS/I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)	
	Bank of America, N.A. 94-1687665	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION  United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER  0
	6	SHARED VOTING POWER  38
	7	SOLE DISPOSITIVE POWER  0
	8	SHARED DISPOSITIVE POWER  38
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  38	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  0.6%	
12	TYPE OF REPORTING PERSON  BK	

1	NAMES OF REPORTING PERSONS/I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)	
	Blue Ridge Investments, L.L.C 56-1970824	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER  0
	6	SHARED VOTING POWER  591
	7	SOLE DISPOSITIVE POWER  0
	8	SHARED DISPOSITIVE POWER  591
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  591	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  9.9%	
12	TYPE OF REPORTING PERSON  OO	

**Explanatory Note**

This Statement is being filed by the Reporting Persons (as defined below) as a result of the December 31, 2010 termination of the Global Exemptive Relief heretofore relied upon by the Reporting Persons. As permitted by the Global Exemptive Relief, the Reporting Persons filed on Schedule 13G in reliance on Rule 13d-1(b). After the termination of the Global Exemptive Relief, the Reporting Persons are filing on Schedule 13G in reliance on Rule 13d-1(c).

**Item 1(a)** Name of Issuer:

Pioneer Municipal High Income Advantage Trust (“**Issuer**”)

**Item 1(b)** Address of Issuer’s Principal Executive Offices:

60 State Street  
Boston, Massachusetts 02109

**Item 2(a)** Name of Person Filing:

- i. Bank of America Corporation (“**BAC**”)
- ii. Bank of America, N.A. (“**BANA**”)
- iii. Blue Ridge Investments, L.L.C. (“**Blue Ridge**”)

**Item 2(b)** Address of Principal Business Office or, If None, Residence: Citizenship

The address of the principal business office of BAC is:

Bank of America Corporate Center  
100 North Tryon Street  
Charlotte, North Carolina 28255

The address of the principal business office of BANA is:

101 South Tryon Street  
Charlotte, North Carolina 28255

The address of the principal business office of Blue Ridge is:

214 North Tryon Street  
Charlotte, North Carolina 28255

**Item 2(c)** Citizenship

BAC — Delaware  
BANA — United States  
Blue Ridge — Delaware

**Item 2(d)** Title of Class of Securities:

Auction Rate Preferred

**Item 2(e)** CUSIP Number:  
723762

**Item 3.** Statement Filed Pursuant to Rule 13d-1(b) or 13d-2(b) or (c):  
Not applicable.

**Item 4.** Ownership

The number of shares reported herein represents 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 Securities and Exchange Commission's Auction Rate Securities Global Exemptive Relief no-action letter issued on September 22, 2008.

- (a) Amount beneficially owned: See item 9 of cover pages
- (b) Percent of class: See item 11 of cover pages
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote:
  - (ii) Shared power to vote or to direct the vote:
  - (iii) Sole power to dispose or to direct the disposition of:
  - (iv) Shared power to dispose or to direct the disposition of:  
See Items 5-8 of cover pages

**Item 5.** Ownership of Five Percent or Less of a Class  
Not applicable.

**Item 6.** Ownership of More Than Five Percent on Behalf of Another Person  
Not applicable.

**Item 7.** Identification and Classification of Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person  
Not applicable.

**Item 8.** Identification and Classification of Members of the Group

BAC, through its wholly-owned subsidiaries, BANA, Merrill Lynch, Pierce, Fenner & Smith Incorporated ("**Merrill Lynch**") and Blue Ridge, is engaged in providing a diverse range of financial services and products. Since settlements with the Securities and Exchange Commission and certain state agencies in 2008, Merrill Lynch and certain predecessors have worked with their customers and issuers of auction rate preferred securities to provide liquidity to the auction rate preferred securities market. This has included purchasing auction rate preferred securities from their customers and working with issuers so that they are able to redeem outstanding auction rate preferred securities. BAC's efforts to work with issuers continue and may include working with the Issuer in the future.

**Item 9.** Notice of Dissolution of Group

Not applicable.

**Item 10.** Certifications

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

## SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct. In addition, by signing below, the undersigned agrees that this Schedule 13G may be filed jointly on behalf of each of the Reporting Persons.

Dated: February 14, 2011

**BANK OF AMERICA CORPORATION**

By: \_\_\_\_\_ /s/ MICHAEL DIDOVIC  
Name: Michael Didovic  
Title: Attorney-in-fact

**BANK OF AMERICA, N.A.**

By: \_\_\_\_\_ /s/ MICHAEL DIDOVIC  
Name: Michael Didovic  
Title: Director

**BLUE RIDGE INVESTMENTS, L.L.C.**

By: \_\_\_\_\_ /s/ JOHN HIEBENDAHL  
Name: John Hiebendahl  
Title: Senior Vice President and Controller



LIST OF EXHIBITS

<u>Exhibit No.</u>	<u>Description</u>
99.1	Joint Filing Agreement

**EXHIBIT 99.1**

**Joint Filing Agreement**

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each of them to such a statement on Schedule 13G with respect to the common stock of the issuer, beneficially owned by each of them. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13G.

Dated: February 14, 2011

**BANK OF AMERICA CORPORATION**

By: \_\_\_\_\_ /S/ MICHAEL DIDOVIC  
Name: **Michael Didovic**  
Title: **Attorney-in-fact**

**BANK OF AMERICA, N.A.**

By: \_\_\_\_\_ /S/ MICHAEL DIDOVIC  
Name: **Michael Didovic**  
Title: **Director**

**BLUE RIDGE INVESTMENTS, L.L.C.**

By: \_\_\_\_\_ /S/ JOHN HIEBENDAHL  
Name: **John Hiebendahl**  
Title: **Senior Vice President and Controller**