

WFC HOLDINGS CORP  
 Form 3  
 February 26, 2018

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * WELLS FARGO & COMPANY/MN (Last) (First) (Middle) 420 MONTGOMERY STREET (Street) SAN FRANCISCO, CA 94104 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 02/16/2018	3. Issuer Name and Ticker or Trading Symbol PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST [MAV]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Variable Rate MuniFund Term Preferred Shares, Series 2021	1,600 <sup>(1)</sup>	I <sup>(2)</sup>	By Subsidiary <sup>(2)</sup> <sup>(3)</sup>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WELLS FARGO & COMPANY/MN 420 MONTGOMERY STREET SAN FRANCISCO, CA 94104	â	â X	â	â
WFC HOLDINGS CORP 420 MONTGOMERY STREET SAN FRANCISCO, CA 94104	â	â X	â	â
Wells Fargo Municipal Capital Strategies, LLC 375 PARK AVENUE NEW YORK, NY 10152	â	â X	â	â

## Signatures

WELLS FARGO & COMPANY, /s/ Lori Ward	02/26/2018
**Signature of Reporting Person	Date
WELLS FARGO MUNICIPAL CAPITAL STRATEGIES, LLC, /s/ Adam Joseph	02/26/2018
**Signature of Reporting Person	Date
WFC HOLDINGS, LLC, /s/ Arthur C. Evans	02/26/2018
**Signature of Reporting Person	Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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 Variable Rate MuniFund Term Preferred Shares, Series 2021 ("Shares") reported in Table I represent Shares of which 1,348 Shares are beneficially owned by Wells Fargo Municipal Capital Strategies, LLC ("Capital Strategies") and 252 Shares are beneficially owned by WFC Holdings, LLC ("WFC Holdings"). Capital Strategies and WFC Holdings are wholly owned subsidiaries of Wells Fargo & Company ("Wells Fargo").

(2) This statement is jointly filed by Wells Fargo, Capital Strategies, and WFC Holdings. Wells Fargo holds an indirect interest in the Shares listed in Table I by virtue of its indirect ownership of its subsidiaries, Capital Strategies and WFC Holdings.

Each reporting person declares that neither the filing of this statement nor anything herein shall be construed as an admission that such person is, for the purposes of Section 13(d) of the US Securities Exchange Act of 1934 or any other purpose, (i) acting (or has agreed or is

(3) agreeing to act together with any other person) as a partnership, limited partnership, syndicate, or other group for the purpose of acquiring, holding or disposing of securities of the Issuer or otherwise with respect to the Issuer or any securities of the Issuer or (ii) a member of any group with respect to the Issuer or any securities of the Issuer.

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.