

PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST

Form NSAR-B

May 30, 2018

PAGE 1  
000 B000000 03/31/2018  
000 C000000 0001258943  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
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001 B000000 811-21409  
001 C000000 6177427825  
002 A000000 60 STATE STREET  
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008 A000001 AMUNDI PIONEER ASSET MANAGEMENT, INC.  
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008 D030001 02109  
008 D040001 1820  
010 A000001 AMUNDI PIONEER ASSET MANAGEMENT, INC.  
010 B000001 801-8255  
010 C010001 BOSTON  
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010 A000002 BROWN BROTHERS HARRIMAN & CO.  
010 B000002 812-13314  
010 C010002 BOSTON  
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011 A000001 AMUNDI PIONEER DISTRIBUTOR, INC.  
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011 B000001 8-41256  
011 C010001 BOSTON  
011 C020001 MA  
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011 A000002 UBS INVESTMENT BANK

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011 B000002 8-022651  
011 C010002 STAMFORD  
011 C020002 CT  
011 C030002 06901  
011 A000003 RBC CAPITAL MARKETS CORP.  
011 B000003 8-045411  
011 C010003 MINNEAPOLIS  
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011 C030003 55402  
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011 A000004 MERRILL LYNCH & CO.  
011 B000004 8-7221  
011 C010004 NEW YORK  
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011 C030004 10281  
011 C040004 1201  
011 A000005 JANNEY MONTGOMERY SCOTT, LLC  
011 B000005 8-462  
011 C010005 PHILADELPHIA  
011 C020005 PA  
011 C030005 19103  
011 C040005 1675  
011 A000006 WACHOVIA CAPITAL MARKETS, LLC  
011 B000006 8-99999  
011 C010006 RICHMOND  
011 C020006 VA  
011 C030006 23219  
012 A000001 AMERICAN STOCK TRANSFER & TRUST CO. (COMMON)  
012 B000001 85-0000  
012 C010001 BROOKLYN  
012 C020001 NY  
012 C030001 11219  
012 A000002 DEUTSCHE BANK TRUST COMPANY AMERICAS (PREF.)  
012 B000002 85-05212  
012 C010002 NEW YORK  
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013 A000001 ERNST & YOUNG LLP  
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022 A000002 MORGAN STANLEY & CO. LLC  
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022 A000003 CITIGROUP GLOBAL MARKETS INC  
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022 A000008 WELLS FARGO SECURITIES, LLC  
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