

PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST

Form NSAR-B

May 30, 2018

PAGE 1
000 B000000 03/31/2018
000 C000000 0001258943
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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001 A000000 PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST
001 B000000 811-21409
001 C000000 6177427825
002 A000000 60 STATE STREET
002 B000000 BOSTON
002 C000000 MA
002 D010000 02109
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006 000000 N
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008 A000001 AMUNDI PIONEER ASSET MANAGEMENT, INC.
008 B000001 A
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008 D020001 MA
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010 A000001 AMUNDI PIONEER ASSET MANAGEMENT, INC.
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010 A000002 BROWN BROTHERS HARRIMAN & CO.
010 B000002 812-13314
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011 A000001 AMUNDI PIONEER DISTRIBUTOR, INC.
PAGE 2
011 B000001 8-41256
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011 A000002 UBS INVESTMENT BANK

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011 B000002 8-022651
011 C010002 STAMFORD
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011 C030003 55402
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011 A000004 MERRILL LYNCH & CO.
011 B000004 8-7221
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011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
011 C010005 PHILADELPHIA
011 C020005 PA
011 C030005 19103
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011 A000006 WACHOVIA CAPITAL MARKETS, LLC
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012 A000001 AMERICAN STOCK TRANSFER & TRUST CO. (COMMON)
012 B000001 85-0000
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012 A000002 DEUTSCHE BANK TRUST COMPANY AMERICAS (PREF.)
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013 A000001 ERNST & YOUNG LLP
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022 A000009 RAYMOND JAMES (USA) LTD.
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022 A000010 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
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077 A000000 Y
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PAGE 10
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SIGNATURE MARK E. BRADLEY
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