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PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST

Form NSAR-A

November 22, 2006

PAGE 1
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000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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010 A000002 PRINCETON ADMINISTRATORS, LLC
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010 C040002 9095
011 A000001 PIONEER FUNDS DISTRIBUTOR, INC.
011 B000001 8-12345678
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PAGE 2
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011 A000002 UBS WARBURG
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011 C010002 STAMFORD
011 C020002 CT

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 011 C010003 MINNEAPOLIS
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 011 A000004 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
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 015 A000001 BROWN BROTHERS HARRIMAN & CO.
 PAGE 3
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087	C020000	723762308
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE		MARY KELLERMANN
TITLE		ACCOUNTING MANAGER