

PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST

Form NSAR-A

November 29, 2017

PAGE 1
000 A000000 09/30/2017
000 C000000 0001258943
000 D000000 N
000 E000000 NF
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000 I000000 6.1
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001 B000000 811-21409
001 C000000 6177427825
002 A000000 60 STATE STREET
002 B000000 BOSTON
002 C000000 MA
002 D010000 02109
003 000000 N
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007 C010600 6
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007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 AMUNDI PIONEER ASSET MANAGEMENT, INC.
008 B000001 A
008 C000001 801-8255
008 D010001 BOSTON
008 D020001 MA
008 D030001 02109
008 D040001 1820
010 A000001 AMUNDI PIONEER ASSET MANAGEMENT, INC.
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010 C020001 MA
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010 A000002 BROWN BROTHERS HARRIMAN & CO.
010 C010002 BOSTON
010 C020002 MA
010 C030002 02110
011 A000001 AMUNDI PIONEER DISTRIBUTOR, INC.
011 B000001 8-41256
PAGE 2
011 C010001 BOSTON
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011 C030001 02109
011 C040001 1820
011 A000002 UBS INVESTMENT BANK
011 B000002 8-022651

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011 C010002 STAMFORD
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011 A000003 RBC CAPITAL MARKETS CORP.
011 B000003 8-045411
011 C010003 MINNEAPOLIS
011 C020003 MN
011 C030003 55402
011 C040003 4422
011 A000004 MERRILL LYNCH & CO.
011 B000004 8-7221
011 C010004 NEW YORK
011 C020004 NY
011 C030004 10281
011 C040004 1201
011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
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011 C020005 PA
011 C030005 19103
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011 A000006 WACHOVIA CAPITAL MARKETS, LLC
011 B000006 8-99999
011 C010006 RICHMOND
011 C020006 VA
011 C030006 23219
012 A000001 DELETE
012 A000002 AMERICAN STOCK TRANSFER & TRUST CO. (COMMON)
012 B000002 85-00000
012 C010002 BROOKLYN
012 C020002 NY
012 C030002 11219
012 A000003 DEUTSCHE BANK TRUST COMPANY AMERICAS (PREF.)
012 B000003 85-05212
012 C010003 NEW YORK
012 C020003 NY
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013 A000001 ERNST & YOUNG LLP
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015 A000001 BROWN BROTHERS HARRIMAN & CO.
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PAGE 3
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015 A000003 HSBC BANK AUSTRALIA LIMITED
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015 C010003 SYDNEY
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015 E040003 X
015 A000004 UNICREDIT BANK AUSTRIA AG
015 B000004 S
015 C010004 VIENNA
015 D010004 AUSTRIA

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015 E040005 X
015 A000006 DELETE
015 A000007 BNP PARIBAS SECURITIES SERVICES
015 B000007 S
015 C010007 PANTIN
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015 E040007 X
015 A000008 CITIBANK, N.A., SAO PAULO
015 B000008 S
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015 D010008 BRAZIL
015 E040008 X
015 A000009 CITIBANK EUROPE PLC, BULGARIA BRANCH
015 B000009 S
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015 D010009 BULGARIA
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015 A000011 BANCO DE CHILE
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015 A000012 STANDARD CHARTERED BANK (CHINA) LIMITED
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PAGE 4
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015 B000013 S
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015 E040013 X
015 A000014 CITIBANK EUROPE PLC, ORGANIZACNI SLOZKA
015 B000014 S
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015 E040014 X
015 A000015 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)
015 B000015 S
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015 D010015 DENMARK
015 E040015 X
015 A000016 CITIBANK, N.A., CAIRO BRANCH
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015 D010016 EGYPT
015 E040016 X
015 A000017 NORDEA BANK AB (PUBL), FINNISH BRANCH
015 B000017 S
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015 D010017 FINLAND

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015 E040017 X
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015 E040019 X
015 A000020 STANDARD CHARTERED BANK GHANA LTD.
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015 C010020 ACCRA
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015 E040020 X
015 A000021 HSBC BANK PLC, ATHENS BRANCH
015 B000021 S
015 C010021 ATHENS
015 D010021 GREECE
015 E040021 X
015 A000022 STANDARD CHARTERED BANK (HONG KONG) LIMITED
015 B000022 S
015 C010022 KWUN TONG
015 D010022 HONG KONG
PAGE 5
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015 A000023 CITIBANK EUROPE PLC, HUNGARIAN BRANCH OFFICE
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015 D010025 INDONESIA
015 E040025 X
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015 B000026 S
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015 A000029 SUMITOMO MITSU BANKING CORPORATION
015 B000029 S
015 C010029 TOKYO
015 D010029 JAPAN
015 E040029 X

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015 A000030 NORDEA BANK AB (PUBL), FINNISH BRANCH
015 B000030 S
015 C010030 HELSINKI
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015 E040030 X
015 A000031 EUROCLEAR BANK SA NV
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015 C010031 BRUSSELS
015 D010031 BELGIUM
015 E040031 X
015 A000032 HSBC BANK MIDDLE EAST LIMITED, KUWAIT BRANCH
015 B000032 S
015 C010032 KUWAIT CITY
015 D010032 KUWAIT
015 E040032 X

PAGE 6

015 A000033 KBL EUROPEAN PRIVATE BANKERS SA
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015 D010034 MALAYSIA
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015 A000035 BANCO NACIONAL DE MEXICO, S.A. (BANAMEX)
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015 A000036 CITIBANK MAGHREB
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015 D010036 MOROCCO
015 E040036 X
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015 D010038 NEW ZEALAND
015 E040038 X
015 A000039 STANBIC IBTC BANK PLC
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015 C010039 LAGOS
015 D010039 NIGERIA
015 E040039 X
015 A000040 NORDEA BANK AB (PUBL), FILIAL I NORGE
015 B000040 S
015 C010040 OSLO
015 D010040 NORWAY
015 E040040 X
015 A000041 CITIBANK DEL PERU S.A.
015 B000041 S
015 C010041 LIMA
015 D010041 PERU
015 E040041 X
015 A000042 HSBC LIMITED, PHILIPPINE BRANCH

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015 B000042 S
015 C010042 TAGUIG CITY
015 D010042 PHILIPPINES
015 E040042 X
015 A000043 BANK HANDLOWY W WARSZAWIE SA
PAGE 7
015 B000043 S
015 C010043 WARSAW
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015 A000044 BNP PARIBAS SECURITIES SERVICES
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015 C010044 PANTIN
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015 C010045 ST. HELIER
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015 C010046 BUCHAREST
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015 B000047 S
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015 D010047 RUSSIA
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015 A000048 DELETE
015 A000049 STANDARD CHARTERED BANK SINGAPORE BRANCH
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015 D010050 SLOVAKIA
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015 A000052 CITIBANK KOREA INC.
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015 C010052 SEOUL
015 D010052 SOUTH KOREA
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015 A000053 BANCO BILBAO VIZCAYA AREGENTARIA SA
015 B000053 S
015 C010053 MADRID
015 D010053 SPAIN
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PAGE 8
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015 C010054 COLOMBO
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015 E040054 X

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015 A000055 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)
015 B000055 S
015 C010055 SOLNA
015 D010055 SWEDEN
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015 A000056 CREDIT SUISSE (SWITZERLAND) LTD.
015 B000056 S
015 C010056 ZURICH
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015 A000057 BANK OF TAIWAN
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015 C010057 TAIPEI
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015 A000058 HSBC LIMITED, THAILAND BRANCH
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015 A000059 CITIBANK ANONIM SIRKETI
015 B000059 S
015 C010059 ISTANBUL
015 D010059 TURKEY
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015 A000060 HSBC BANK MIDDLE EAST LIMITED
015 B000060 S
015 C010060 DUBAI
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015 A000061 HSBC BANK PLC
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015 D010061 UNITED KINGDOM
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015 A000063 HSBC BANK (VIETNAM) LTD
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015 A000064 UNICREDIT BANK AUSTRIA AG
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PAGE 9
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SIGNATURE	MARK E. BRADLEY	
TITLE	TREASURER	