

PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST

Form NSAR-A

November 30, 2015

PAGE 1
000 A000000 09/30/2015
000 C000000 0001258943
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
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
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
007 C010100 1
007 C010200 2
007 C010300 3
007 C010400 4
007 C010500 5
007 C010600 6
007 C010700 7
007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 PIONEER INVESTMENT MANAGEMENT, INC.
008 B000001 A
008 C000001 801-8255
008 D010001 BOSTON
008 D020001 MA
008 D030001 02109
010 A000001 PIONEER INVESTMENT MANAGEMENT, INC.
010 B000001 801-8255
010 C010001 BOSTON
010 C020001 MA
010 C030001 02109
010 A000002 BROWN BROTHERS HARRIMAN & CO.
010 C010002 BOSTON
010 C020002 MA
010 C030002 02110
011 A000001 PIONEER FUNDS DISTRIBUTOR, INC.
011 B000001 8-41256
011 C010001 BOSTON
011 C020001 MA
PAGE 2
011 C030001 02109
011 C040001 1820
011 A000002 UBS INVESTMENT BANK
011 B000002 8-022651
011 C010002 STAMFORD
011 C020002 CT

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

011 C030002 06901
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
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 PIONEER INVEST. MGMT. SHAREHOLDER SERV. INC.
012 B000001 85-01359
012 C010001 BOSTON
012 C020001 MA
012 C030001 02109
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
012 C030003 10005
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02116
015 A000001 BROWN BROTHERS HARRIMAN & CO.
015 B000001 C
PAGE 3
015 C010001 BOSTON
015 C020001 MA
015 C030001 02110
015 E010001 X
015 A000002 CITIBANK, N.A. BUENOS AIRES BRANCH
015 B000002 S
015 C010002 BUENOS AIRES
015 D010002 ARGENTINA
015 E040002 X
015 A000003 HSBC BANK AUSTRALIA LIMITED
015 B000003 S
015 C010003 SYDNEY
015 D010003 AUSTRALIA
015 E040003 X
015 A000004 UNICREDIT BANK AUSTRIA AG
015 B000004 S

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

015 C010004 VIENNA
015 D010004 AUSTRIA
015 E040004 X
015 A000005 STANDARD CHARTERED BANK, BANGLADESH BRANCH
015 B000005 S
015 C010005 DHAKA
015 D010005 BANGLADESH
015 E040005 X
015 A000006 EUROCLEAR BANK SA NV
015 B000006 S
015 C010006 BRUSSELS
015 D010006 BELGIUM
015 E040006 X
015 A000007 BNP PARIBAS SECURITIES SERVICES
015 B000007 S
015 C010007 PANTIN
015 D010007 BELGIUM
015 E040007 X
015 A000008 CITIBANK, N.A., SAO PAULO
015 B000008 S
015 C010008 SAO PAULO
015 D010008 BRAZIL
015 E040008 X
015 A000009 CITIBANK EUROPE PLC, BULGARIA BRANCH
015 B000009 S
015 C010009 SOFIA
015 D010009 BULGARIA
015 E040009 X
015 A000010 RBC INVESTOR SERVICES TRUST
015 B000010 S
015 C010010 TORONTO
015 D010010 CANADA
015 E040010 X
015 A000011 BANCO DE CHILE
015 B000011 S
015 C010011 SANTIAGO
015 D010011 CHILE
015 E040011 X
015 A000012 STANDARD CHARTERED BANK (CHINA) LIMITED
015 B000012 S
015 C010012 SHANGHAI
015 D010012 CHINA
015 E040012 X
015 A000013 CITITRUST COLOMBIA S.A., SOCIEDAD FIDUCIARA
015 B000013 S
015 C010013 BOGOTA
015 D010013 COLOMBIA
015 E040013 X
015 A000014 CITIBANK EUROPE PLC, ORGANIZACNI SLOZKA
015 B000014 S
015 C010014 PRAGUE
015 D010014 CZECH REPUBLIC
015 E040014 X
015 A000015 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)
015 B000015 S
015 C010015 COPENHAGEN
015 D010015 DENMARK
015 E040015 X
015 A000016 CITIBANK, N.A., CAIRO BRANCH
015 B000016 S
015 C010016 CAIRO

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

015 D010016 EGYPT
015 E040016 X
015 A000017 NORDEA BANK FINLAND PLC
015 B000017 S
015 C010017 HELSINKI
015 D010017 FINLAND
015 E040017 X
015 A000018 BNP PARIBAS SECURITIES SERVICES
015 B000018 S
015 C010018 PANTIN
015 D010018 FRANCE
015 E040018 X
015 A000019 BNP PARIBAS SECURITIES SERVICES,FRANKFURT B
015 B000019 S
015 C010019 FRANKFURT
015 D010019 GERMANY
015 E040019 X
015 A000020 STANDARD CHARTERED BANK GHANA LTD.
015 B000020 S
015 C010020 ACCRA
015 D010020 GHANA
015 E040020 X
015 A000021 HSBC BANK PLC, ATHENS BRANCH
015 B000021 S
015 C010021 ATHENS
PAGE 5
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
015 E040022 X
015 A000023 CITIBANK EUROPE PLC, HUNGARIAN BRANCH OFFICE
015 B000023 S
015 C010023 BUDAPEST
015 D010023 HUNGARY
015 E040023 X
015 A000024 CITIBANK, N.A., MUMBAI BRANCH
015 B000024 S
015 C010024 MUMBAI
015 D010024 INDIA
015 E040024 X
015 A000025 CITIBANK, N.A., JAKARTA BRANCH
015 B000025 S
015 C010025 JAKARTA
015 D010025 INDONESIA
015 E040025 X
015 A000026 CITIBANK, N.A., LONDON BRANCH
015 B000026 S
015 C010026 LONDON
015 D010026 IRELAND
015 E040026 X
015 A000027 BANK HAPOALIM BM
015 B000027 S
015 C010027 TEL AVIV
015 D010027 ISRAEL
015 E040027 X
015 A000028 BNP PARIBAS SECURITIES SERVICES, MILAN BRANCH
015 B000028 S
015 C010028 MILAN
015 D010028 ITALY

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

015 E040028 X
015 A000029 SUMITOMO MITSU BANKING CORPORATION
015 B000029 S
015 C010029 TOKYO
015 D010029 JAPAN
015 E040029 X
015 A000030 NORDEA BANK FINLAND PLC
015 B000030 S
015 C010030 HELSINKI
015 D010030 ESTONIA
015 E040030 X
015 A000031 CFC STANBIC BANK LIMITED
015 B000031 S
015 C010031 NAIROBI
015 D010031 KENYA
PAGE 6
015 E040031 X
015 A000032 HSBC BANK MIDDLE EAST LIMITED, KUWAIT BRANCH
015 B000032 S
015 C010032 SAFAT
015 D010032 KUWAIT
015 E040032 X
015 A000033 KBL EUROPEAN PRIVATE BANKERS SA
015 B000033 S
015 C010033 LUXEMBOURG
015 D010033 LUXEMBOURG
015 E040033 X
015 A000034 HSBC BANK MALAYSIA BERHAD
015 B000034 S
015 C010034 KUALA LUMPUR
015 D010034 MALAYSIA
015 E040034 X
015 A000035 BANCO NACIONAL DE MEXICO, S.A. (BANAMEX)
015 B000035 S
015 C010035 MEXICO CITY
015 D010035 MEXICO
015 E040035 X
015 A000036 CITIBANK MAGHREB
015 B000036 S
015 C010036 CASABLANCA
015 D010036 MOROCCO
015 E040036 X
015 A000037 BNP PARIBAS SECURITIES SERVICES
015 B000037 S
015 C010037 PANTIN
015 D010037 NETHERLANDS
015 E040037 X
015 A000038 HSBC LIMITED, NEW ZEALAND BRANCH
015 B000038 S
015 C010038 AUCKLAND
015 D010038 NEW ZEALAND
015 E040038 X
015 A000039 STANBIC IBTC BANK PLC
015 B000039 S
015 C010039 LAGOS
015 D010039 NIGERIA
015 E040039 X
015 A000040 NORDEA BANK NORGE ASA
015 B000040 S
015 C010040 OSLO
015 D010040 NORWAY
015 E040040 X

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

015 A000041 CITIBANK DEL PERU S.A.
015 B000041 S
015 C010041 LIMA
015 D010041 PERU
015 E040041 X
PAGE 7
015 A000042 HSBC LIMITED, PHILIPPINE BRANCH
015 B000042 S
015 C010042 TAGUIG CITY
015 D010042 PHILIPPINES
015 E040042 X
015 A000043 BANK HANDLOWY W WARSZAWIE SA
015 B000043 S
015 C010043 WARSAW
015 D010043 POLAND
015 E040043 X
015 A000044 BNP PARIBAS SECURITIES SERVICES
015 B000044 S
015 C010044 PANTIN
015 D010044 PORTUGAL
015 E040044 X
015 A000045 HSBC BANK MIDDLE EAST LIMITED, QATAR BRANCH
015 B000045 S
015 C010045 ST. HELIER
015 D010045 QATAR
015 E040045 X
015 A000046 CITIBANK EUROPE PLC, DUBLIN-SUCURSALA ROMANIA
015 B000046 S
015 C010046 BUCHAREST
015 D010046 ROMANIA
015 E040046 X
015 A000047 ZAO CITIBANK FOR CITIBANK, N.A.
015 B000047 S
015 C010047 MOSCOW
015 D010047 RUSSIA
015 E040047 X
015 A000048 DELETE
015 A000049 STANDARD CHARTERED BANK SINGAPORE BRANCH
015 B000049 S
015 C010049 SINGAPORE
015 D010049 SINGAPORE
015 E040049 X
015 A000050 CITIBANK EUROPE PLC, POBOCKA ZAHRANICNEJ BANK
015 B000050 S
015 C010050 BRATISLAVA
015 D010050 SLOVAKIA
015 E040050 X
015 A000051 STANDARD CHARTERED BANK JOHANNESBURG BRANCH
015 B000051 S
015 C010051 JOHANNESBURG
015 D010051 SOUTH AFRICA
015 E040051 X
015 A000052 CITIBANK KOREA INC.
015 B000052 S
015 C010052 SEOUL
015 D010052 SOUTH KOREA
015 E040052 X
PAGE 8
015 A000053 BANCO BILBAO VIZCAYA AREGENTARIA SA
015 B000053 S
015 C010053 MADRID
015 D010053 SPAIN

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

015 E040053 X
015 A000054 HSBC, SRI LANKA BRANCH
015 B000054 S
015 C010054 COLOMBO
015 D010054 SRI LANKA
015 E040054 X
015 A000055 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)
015 B000055 S
015 C010055 STOCKHOLM
015 D010055 SWEDEN
015 E040055 X
015 A000056 CREDIT SUISSE AG
015 B000056 S
015 C010056 ZURICH
015 D010056 SWITZERLAND
015 E040056 X
015 A000057 BANK OF TAIWAN
015 B000057 S
015 C010057 TAIPEI
015 D010057 TAIWAN
015 E040057 X
015 A000058 HSBC LIMITED, THAILAND BRANCH
015 B000058 S
015 C010058 BANGKOK
015 D010058 THAILAND
015 E040058 X
015 A000059 CITIBANK ANONIM SIRKETI
015 B000059 S
015 C010059 ISTANBUL
015 D010059 TURKEY
015 E040059 X
015 A000060 HSBC BANK MIDDLE EAST LIMITED
015 B000060 S
015 C010060 DUBAI
015 D010060 UNITED ARAB EMIRATES
015 E040060 X
015 A000061 HSBC BANK PLC
015 B000061 S
015 C010061 LONDON
015 D010061 UNITED KINGDOM
015 E040061 X
015 A000062 CITIBANK, N.A., CARACAS BRANCH
015 B000062 S
015 C010062 CARACAS
015 D010062 VENEZUELA
015 E040062 X
015 A000063 HSBC BANK (VIETNAM) LTD
PAGE 9
015 B000063 S
015 C010063 HO CHI MINH CITY
015 D010063 VIETNAM
015 E040063 X
015 A000064 UNICREDIT BANK AUSTRIA AG
015 B000064 S
015 C010064 VIENNA
015 D010064 CROATIA
015 E040064 X
015 B000065 S
015 A000066 STANDARD CHARTERED BANK KENYA LIMITED
015 B000066 S
015 C010066 NAIROBI
015 D010066 KENYA

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

015 E040066 X
 018 000000 Y
 019 A000000 Y
 019 B000000 50
 019 C000000 PIONEERFDS
 020 C000001 0
 020 C000002 0
 020 C000003 0
 020 C000004 0
 020 C000005 0
 020 C000006 0
 020 C000007 0
 020 C000008 0
 020 C000009 0
 020 C000010 0
 021 000000 0
 022 A000001 J.P. MORGAN SECURITIES LLC
 022 B000001 13-4110995
 022 C000001 7645
 022 D000001 0
 022 A000002 BNY MELLON CAPITAL MARKETS, LLC
 022 B000002 23-2384977
 022 C000002 3788
 022 D000002 1124
 022 A000003 CITIGROUP GLOBAL MARKETS INC.
 022 B000003 11-2418191
 022 C000003 1917
 022 D000003 0
 022 A000004 GEORGE K. BAUM & COMPANY
 022 B000004 43-1661917
 022 C000004 750
 022 D000004 0
 022 A000005 STIFEL, NICOLAUS & COMPANY, INC.
 022 B000005 43-0538770
 022 C000005 492
 022 D000005 0
 022 C000006 0
 PAGE 10
 022 D000006 0
 022 C000007 0
 022 D000007 0
 022 C000008 0
 022 D000008 0
 022 C000009 0
 022 D000009 0
 022 C000010 0
 022 D000010 0
 023 C000000 14592
 023 D000000 1124
 024 000000 N
 025 D000001 0
 025 D000002 0
 025 D000003 0
 025 D000004 0
 025 D000005 0
 025 D000006 0
 025 D000007 0
 025 D000008 0
 026 A000000 N
 026 B000000 Y
 026 C000000 N
 026 D000000 Y

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

| | | | |
|-----|---------|-------|---|
| 026 | E000000 | N | |
| 026 | F000000 | N | |
| 026 | G010000 | N | |
| 026 | G020000 | N | |
| 026 | H000000 | N | |
| 027 | 000000 | N | |
| 028 | A010000 | | 0 |
| 028 | A020000 | | 0 |
| 028 | A030000 | | 0 |
| 028 | A040000 | | 0 |
| 028 | B010000 | | 0 |
| 028 | B020000 | | 0 |
| 028 | B030000 | | 0 |
| 028 | B040000 | | 0 |
| 028 | C010000 | | 0 |
| 028 | C020000 | | 0 |
| 028 | C030000 | | 0 |
| 028 | C040000 | | 0 |
| 028 | D010000 | | 0 |
| 028 | D020000 | | 0 |
| 028 | D030000 | | 0 |
| 028 | D040000 | | 0 |
| 028 | E010000 | | 0 |
| 028 | E020000 | | 0 |
| 028 | E030000 | | 0 |
| 028 | E040000 | | 0 |
| 028 | F010000 | | 0 |
| | PAGE | 11 | |
| 028 | F020000 | | 0 |
| 028 | F030000 | | 0 |
| 028 | F040000 | | 0 |
| 028 | G010000 | | 0 |
| 028 | G020000 | | 0 |
| 028 | G030000 | | 0 |
| 028 | G040000 | | 0 |
| 028 | H000000 | | 0 |
| 030 | A000000 | | 0 |
| 030 | B000000 | 0.00 | |
| 030 | C000000 | 0.00 | |
| 031 | A000000 | | 0 |
| 031 | B000000 | | 0 |
| 032 | 000000 | | 0 |
| 033 | 000000 | | 0 |
| 035 | 000000 | | 0 |
| 036 | B000000 | | 0 |
| 038 | 000000 | | 0 |
| 042 | A000000 | 0 | |
| 042 | B000000 | 0 | |
| 042 | C000000 | 0 | |
| 042 | D000000 | 0 | |
| 042 | E000000 | 0 | |
| 042 | F000000 | 0 | |
| 042 | G000000 | 0 | |
| 042 | H000000 | 0 | |
| 043 | 000000 | 0 | |
| 044 | 000000 | 0 | |
| 045 | 000000 | Y | |
| 046 | 000000 | N | |
| 047 | 000000 | Y | |
| 048 | 000000 | 0.600 | |
| 048 | A010000 | | 0 |
| 048 | A020000 | 0.000 | |

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

| | | |
|-----|---------|-------|
| 048 | B010000 | 0 |
| 048 | B020000 | 0.000 |
| 048 | C010000 | 0 |
| 048 | C020000 | 0.000 |
| 048 | D010000 | 0 |
| 048 | D020000 | 0.000 |
| 048 | E010000 | 0 |
| 048 | E020000 | 0.000 |
| 048 | F010000 | 0 |
| 048 | F020000 | 0.000 |
| 048 | G010000 | 0 |
| 048 | G020000 | 0.000 |
| 048 | H010000 | 0 |
| 048 | H020000 | 0.000 |
| 048 | I010000 | 0 |
| 048 | I020000 | 0.000 |
| 048 | J010000 | 0 |
| | PAGE 12 | |
| 048 | J020000 | 0.000 |
| 048 | K010000 | 0 |
| 048 | K020000 | 0.000 |
| 049 | 000000 | N |
| 050 | 000000 | N |
| 051 | 000000 | N |
| 052 | 000000 | N |
| 053 | A000000 | N |
| 054 | A000000 | Y |
| 054 | B000000 | Y |
| 054 | C000000 | Y |
| 054 | D000000 | N |
| 054 | E000000 | N |
| 054 | F000000 | N |
| 054 | G000000 | N |
| 054 | H000000 | Y |
| 054 | I000000 | N |
| 054 | J000000 | Y |
| 054 | K000000 | N |
| 054 | L000000 | N |
| 054 | M000000 | Y |
| 054 | N000000 | N |
| 054 | O000000 | N |
| 055 | A000000 | N |
| 055 | B000000 | N |
| 056 | 000000 | N |
| 057 | 000000 | N |
| 058 | A000000 | N |
| 059 | 000000 | Y |
| 060 | A000000 | Y |
| 060 | B000000 | Y |
| 061 | 000000 | 0 |
| 062 | A000000 | Y |
| 062 | B000000 | 0.0 |
| 062 | C000000 | 0.0 |
| 062 | D000000 | 0.0 |
| 062 | E000000 | 0.0 |
| 062 | F000000 | 0.0 |
| 062 | G000000 | 0.0 |
| 062 | H000000 | 0.0 |
| 062 | I000000 | 0.0 |
| 062 | J000000 | 0.0 |
| 062 | K000000 | 0.0 |
| 062 | L000000 | 2.1 |

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

| | | |
|-----|---------|--------|
| 062 | M000000 | 0.0 |
| 062 | N000000 | 0.0 |
| 062 | O000000 | 143.5 |
| 062 | P000000 | 0.0 |
| 062 | Q000000 | 0.3 |
| 062 | R000000 | 0.0 |
| 063 | A000000 | 0 |
| | PAGE | 13 |
| 063 | B000000 | 7.4 |
| 064 | A000000 | Y |
| 064 | B000000 | Y |
| 065 | 000000 | N |
| 066 | A000000 | N |
| 067 | 000000 | N |
| 068 | A000000 | N |
| 068 | B000000 | N |
| 069 | 000000 | N |
| 070 | A010000 | Y |
| 070 | A020000 | N |
| 070 | B010000 | N |
| 070 | B020000 | N |
| 070 | C010000 | Y |
| 070 | C020000 | N |
| 070 | D010000 | N |
| 070 | D020000 | N |
| 070 | E010000 | Y |
| 070 | E020000 | N |
| 070 | F010000 | N |
| 070 | F020000 | N |
| 070 | G010000 | Y |
| 070 | G020000 | N |
| 070 | H010000 | N |
| 070 | H020000 | N |
| 070 | I010000 | N |
| 070 | I020000 | N |
| 070 | J010000 | Y |
| 070 | J020000 | Y |
| 070 | K010000 | Y |
| 070 | K020000 | Y |
| 070 | L010000 | N |
| 070 | L020000 | N |
| 070 | M010000 | N |
| 070 | M020000 | N |
| 070 | N010000 | N |
| 070 | N020000 | N |
| 070 | O010000 | Y |
| 070 | O020000 | N |
| 070 | P010000 | Y |
| 070 | P020000 | N |
| 070 | Q010000 | N |
| 070 | Q020000 | N |
| 070 | R010000 | N |
| 070 | R020000 | N |
| 071 | A000000 | 14557 |
| 071 | B000000 | 17618 |
| 071 | C000000 | 428363 |
| 071 | D000000 | 3 |
| 072 | A000000 | 6 |
| 072 | B000000 | 11920 |
| | PAGE | 14 |
| 072 | C000000 | 0 |
| 072 | D000000 | 0 |

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

| | |
|-------------|--------|
| 072 E000000 | 0 |
| 072 F000000 | 1326 |
| 072 G000000 | 127 |
| 072 H000000 | 0 |
| 072 I000000 | 7 |
| 072 J000000 | 3 |
| 072 K000000 | 0 |
| 072 L000000 | 5 |
| 072 M000000 | 7 |
| 072 N000000 | 0 |
| 072 O000000 | 0 |
| 072 P000000 | 0 |
| 072 Q000000 | 0 |
| 072 R000000 | 33 |
| 072 S000000 | 15 |
| 072 T000000 | 0 |
| 072 U000000 | 0 |
| 072 V000000 | 0 |
| 072 W000000 | 255 |
| 072 X000000 | 1778 |
| 072 Y000000 | 0 |
| 072 Z000000 | 10142 |
| 072AA000000 | 0 |
| 072BB000000 | 278 |
| 072CC010000 | 0 |
| 072CC020000 | 6761 |
| 072DD010000 | 11740 |
| 072DD020000 | 0 |
| 072EE000000 | 0 |
| 073 A010000 | 0.4950 |
| 073 A020000 | 0.0000 |
| 073 B000000 | 0.0000 |
| 073 C000000 | 0.0000 |
| 074 A000000 | 9180 |
| 074 B000000 | 0 |
| 074 C000000 | 0 |
| 074 D000000 | 426707 |
| 074 E000000 | 0 |
| 074 F000000 | 0 |
| 074 G000000 | 0 |
| 074 H000000 | 0 |
| 074 I000000 | 0 |
| 074 J000000 | 277 |
| 074 K000000 | 0 |
| 074 L000000 | 6649 |
| 074 M000000 | 159 |
| 074 N000000 | 442972 |
| 074 O000000 | 0 |
| 074 P000000 | 207 |
| PAGE 15 | |
| 074 Q000000 | 0 |
| 074 R010000 | 0 |
| 074 R020000 | 0 |
| 074 R030000 | 0 |
| 074 R040000 | 249 |
| 074 S000000 | 150002 |
| 074 T000000 | 292514 |
| 074 U010000 | 23761 |
| 074 U020000 | 0 |
| 074 V010000 | 12.31 |
| 074 V020000 | 0.00 |
| 074 W000000 | 0.0000 |

Edgar Filing: PIONEER MUNICIPAL HIGH INCOME ADVANTAGE TRUST - Form NSAR-A

| | | |
|-----------|-----------------|----------------------------|
| 074 | X000000 | 4692 |
| 074 | Y000000 | 0 |
| 075 | A000000 | 0 |
| 075 | B000000 | 291856 |
| 076 | 000000 | 12.85 |
| 077 | A000000 | N |
| 078 | 000000 | N |
| 080 | C000000 | 0 |
| 081 | A000000 | N |
| 081 | B000000 | 0 |
| 082 | A000000 | N |
| 082 | B000000 | 0 |
| 083 | A000000 | N |
| 083 | B000000 | 0 |
| 084 | A000000 | N |
| 084 | B000000 | 0 |
| 085 | A000000 | N |
| 085 | B000000 | N |
| 086 | A010000 | 74 |
| 086 | A020000 | 945 |
| 086 | B010000 | 0 |
| 086 | B020000 | 0 |
| 086 | C010000 | 0 |
| 086 | C020000 | 0 |
| 086 | D010000 | 0 |
| 086 | D020000 | 0 |
| 086 | E010000 | 0 |
| 086 | E020000 | 0 |
| 086 | F010000 | 0 |
| 086 | F020000 | 0 |
| 087 | A010000 | COMMON STOCK |
| 087 | A020000 | 723762100 |
| 087 | A030000 | MAV |
| 087 | B010000 | PREFERRED STOCK - SERIES A |
| 087 | B020000 | 723762209 |
| 087 | C010000 | PREFERRED STOCK - SERIES B |
| 087 | C020000 | 723762308 |
| 088 | A000000 | N |
| 088 | B000000 | N |
| | PAGE | 16 |
| 088 | C000000 | N |
| 088 | D000000 | Y |
| SIGNATURE | MARK E. BRADLEY | |
| TITLE | TREASURER | |