

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

PIONEER MUNICIPAL HIGH INCOME TRUST

Form NSAR-A

December 28, 2012

PAGE 1
000 A000000 10/31/2012
000 C000000 0001223026
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 TRUST
001 B000000 811-21321
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 C020100 PIONEER MUNICIPAL HIGH INCOME TRUST
007 C030100 N
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 02109
011 A000001 PIONEER FUNDS DISTRIBUTOR, INC.
011 B000001 8-41256
PAGE 2
011 C010001 BOSTON
011 C020001 MA
011 C030001 02109
011 C040001 1820
011 A000002 UBS INVESTMENT BANK
011 B000002 8-022651

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

011 C010002 STAMFORD
011 C020002 CT
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 ADVEST, INC.
011 B000004 8-21409
011 C010004 HARTFORD
011 C020004 CT
011 C030004 06103
011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
011 C010005 PHILADELPHIA
011 C020005 PA
011 C030005 19103
011 C040005 1675
011 A000006 MCDONALD INVESTMENTS, INC.
011 B000006 8-30177
011 C010006 CLEVELAND
011 C020006 OH
011 C030006 44114
011 C040006 2603
011 A000007 STIFEL, NICOLAUS & CO., INC.
011 B000007 8-001447
011 C010007 ST. LOUIS
011 C020007 MO
011 C030007 63102
012 A000001 PIONEER INVEST. MGT. SHAREHOLDER SVCS., 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 85-00000
012 C010003 NEW YORK
012 C020003 NY
PAGE 3
012 C030003 10005
013 A000001 ERNST & YOUNG LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02116
013 B040001 5072
015 A000001 BROWN BROTHERS HARRIMAN & CO.
015 B000001 C
015 C010001 BOSTON
015 C020001 MA
015 C030001 02109
015 E010001 X
018 000000 Y
019 A000000 Y
019 B000000 56
019 C000000 PIONEERFDS

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

020 A000001 SANFORD C. BERNSTEIN & CO., INC.
020 B000001 13-4132953
020 C000001 6
020 A000002 UBS SECURITIES
020 B000002 13-2638166
020 C000002 1
020 A000003 MERRILL LYNCH, PIERCE, FENNER & SMITH
020 B000003 13-5674085
020 C000003 1
020 A000004 WELLS FARGO SECURITIES LLC
020 B000004 94-3379992
020 C000004 0
020 C000005 0
020 C000006 0
020 C000007 0
020 C000008 0
020 C000009 0
020 C000010 0
021 000000 8
022 A000001 JP MORGAN SECURITIES, INC.
022 B000001 13-3379014
022 C000001 7861
022 D000001 0
022 A000002 CITIGROUP GLOBAL MARKETS, INC.
022 B000002 11-2418191
022 C000002 7475
022 D000002 0
022 A000003 MORGAN KEEGAN & CO., INC.
022 B000003 64-0474907
022 C000003 4727
022 D000003 0
022 A000004 PERSHING LLC
022 B000004 13-2741729
022 C000004 4482
022 D000004 0
PAGE 4
022 A000005 OPPENHEIMER & CO., INC.
022 B000005 13-5657518
022 C000005 2793
022 D000005 0
022 A000006 MERRILL LYNCH, PIERCE, FENNER & SMITH
022 B000006 13-5674085
022 C000006 0
022 D000006 1360
022 A000007 BARCLAYS CAPITAL, INC.
022 B000007 61-0316560
022 C000007 0
022 D000007 559
022 A000008 SOCIETE GENERALE
022 B000008 00-0000000
022 C000008 537
022 D000008 0
022 C000009 0
022 D000009 0
022 C000010 0
022 D000010 0
023 C000000 27875
023 D000000 1919
024 000000 N
025 D000001 0
025 D000002 0
025 D000003 0

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

025	D000004	0
025	D000005	0
025	D000006	0
025	D000007	0
025	D000008	0
026	A000000	Y
026	B000000	Y
026	C000000	N
026	D000000	Y
026	E000000	N
026	F000000	N
026	G010000	N
026	G020000	Y
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
	PAGE 5	
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
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

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

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
048	B010000	0
048	B020000	0.000
048	C010000	0
048	C020000	0.000
048	D010000	0
048	D020000	0.000
	PAGE	6
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
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

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

062 D000000 0.0
062 E000000 0.0
062 F000000 0.0
062 G000000 0.0
062 H000000 0.0

PAGE 7

062 I000000 0.0
062 J000000 0.0
062 K000000 0.0
062 L000000 0.0
062 M000000 0.0
062 N000000 0.0
062 O000000 125.7
062 P000000 0.0
062 Q000000 0.0
062 R000000 0.0
063 A000000 0

063 B000000 8.3

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 N

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

PAGE 8

070 P020000 N

070 Q010000 N

070 Q020000 N

070 R010000 N

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

070	R020000	N	
071	A000000		26148
071	B000000		16837
071	C000000		411582
071	D000000		4
072	A000000	6	
072	B000000		17264
072	C000000		0
072	D000000		0
072	E000000		0
072	F000000		1291
072	G000000		103
072	H000000		0
072	I000000		14
072	J000000		4
072	K000000		0
072	L000000		17
072	M000000		7
072	N000000		12
072	O000000		0
072	P000000		0
072	Q000000		0
072	R000000		30
072	S000000		19
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		168
072	X000000		1665
072	Y000000		0
072	Z000000		15599
072	AA000000		0
072	BB000000		3910
072	CC010000		15045
072	CC020000		0
072	DD010000		12831
072	DD020000		0
072	EE000000		0
073	A010000		0.5700
073	A020000		0.0000
073	B000000		0.0000
073	C000000		0.0000
074	A000000		5115
074	B000000		0
074	C000000		0
074	D000000		416787
074	E000000		0
	PAGE	9	
074	F000000		0
074	G000000		0
074	H000000		0
074	I000000		0
074	J000000		2000
074	K000000		0
074	L000000		9072
074	M000000		120
074	N000000		433094
074	O000000		0
074	P000000		234
074	Q000000		0
074	R010000		0
074	R020000		0

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

074	R030000	0
074	R040000	164
074	S000000	101004
074	T000000	331692
074	U010000	22531
074	U020000	0
074	V010000	14.72
074	V020000	0.00
074	W000000	0.0000
074	X000000	6600
074	Y000000	0
075	A000000	0
075	B000000	325842
076	000000	16.04
077	A000000	N
078	000000	N
080	C000000	0
081	B000000	0
082	B000000	0
083	B000000	0
084	B000000	0
086	A010000	114
086	A020000	1569
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	723763108
087	A030000	MHI
087	B010000	PREFERRED STOCK - SERIES A
	PAGE	10
087	B020000	723763207
087	C010000	PREFERRED STOCK - SERIES B
087	C020000	723763306
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	MARK BRADLEY	
TITLE	TREASURER	