

BLACKROCK MUNIASSETS FUND, INC.

Form NSAR-A

December 27, 2017

PAGE 1
000 A000000 10/31/2017
000 C000000 0000901243
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 BLACKROCK MUNIASSETS FUND, INC.
001 B000000 811-07642
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
002 C000000 DE
002 D010000 19809
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
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008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
008 C000001 801-47710
008 D010001 WILMINGTON
008 D020001 DE
008 D030001 19809
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)
012 B000001 85-11340
012 C010001 CANTON
012 C020001 MA
012 C030001 02021
012 A000002 THE BANK OF NEW YORK MELLON (PREFERRED)
012 B000002 85-05006
012 C010002 NEW YORK
012 C020002 NY
012 C030002 10289
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02116
014 A000001 BLACKROCK EXECUTION SERVICES
014 B000001 8-48719
014 A000002 BLACKROCK INVESTMENTS, LLC
014 B000002 8-48436
014 A000003 HARRIS WILLIAMS LLC
014 B000003 8-53380
014 A000004 PNC CAPITAL MARKETS, INC.
014 B000004 8-32493
PAGE 2
014 A000005 PNC INVESTMENTS LLC
014 B000005 8-66195
014 A000006 SOLEBURY CAPITAL, LLC
014 B000006 8-67548
015 A000001 STATE STREET BANK & TRUST COMPANY
015 B000001 C

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015 C010001 BOSTON
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020 A000001 BANK OF AMERICA CORP
020 B000001 56-0906609
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022 A000001 BLACKROCK LIQUIDITY CASH FUNDS, MUNICASH
022 B000001 52-0983343
022 C000001 38834
022 D000001 36015
022 A000002 CITIGROUP GLOBAL MARKETS INC.
022 B000002 11-2418191
022 C000002 8057
022 D000002 8034
022 A000003 GOLDMAN SACHS & CO
022 B000003 13-5108880
022 C000003 5157
022 D000003 9174
022 A000004 BANK OF AMERICA CORP
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022 C000004 6600
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022 A000005 J.P. MORGAN SECURITIES INC
022 B000005 13-3379014
022 C000005 3200
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022 A000006 MORGAN STANLEY & CO. INCORPORATED
022 B000006 13-2655998
022 C000006 3214
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022 A000007 PERSHING LLC
022 B000007 13-2741729
022 C000007 2096
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022 A000008 RBC Capital Markets, LLC
022 B000008 41-1228350
022 C000008 2525
022 D000008 1519
022 A000009 DAVIDSON D.A. & COMPANY INC.

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022 C000009 1701
022 D000009 1026
022 A000010 STIFEL NICOLAUS & CO INC
022 B000010 43-0538770
022 C000010 2484
022 D000010 0
023 C000000 79330
023 D000000 70971
024 000000 N
025 D000001 0
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072 G000000 44
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074 V010000 14.15
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087	B010000	PREFERRED STOCK
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	