

BLACKROCK MUNIASSETS FUND, INC.

Form NSAR-A

December 23, 2016

PAGE 1  
000 A000000 10/31/2016  
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  
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007 C010100 1  
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.  
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 B000001 56-0906609  
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022 A000001 BLACKROCK LIQUIDITY FUNDS, MUNICASH  
022 B000001 52-0983343  
022 C000001 26682  
022 D000001 30813  
022 A000002 CITIGROUP GLOBAL MARKETS INC.  
022 B000002 11-2418191  
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022 D000002 4720  
022 A000003 WELLS FARGO BANK NA  
022 B000003 94-1347393  
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022 A000004 PERSHING LLC  
022 B000004 13-2741729  
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022 A000005 MORGAN STANLEY & CO. INCORPORATED  
022 B000005 13-2655998  
022 C000005 2477  
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022 A000006 J.P. MORGAN SECURITIES INC  
022 B000006 13-3379014  
022 C000006 1764  
022 D000006 2405  
022 A000007 DAVIDSON D.A. & COMPANY INC.  
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022 A000008 JEFFERIES & COMPANY INC  
022 B000008 95-2622900  
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022 A000009 BANK OF AMERICA CORP  
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022 B000010 13-5033225  
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072 G000000 37  
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087	A030000	MUA
087	B010000	PREFERRED STOCK
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088	B000000	N
088	C000000	N
088	D000000	N
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	