

BLACKROCK MUNIHOLDINGS FUND, INC.

Form NSAR-A

December 23, 2016

PAGE 1
000 A000000 10/31/2016
000 C000000 0001034665
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 MUNIHOLDINGS FUND, INC.
001 B000000 811-08081
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
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. (COMMON)
012 B000001 85-11340
012 C010001 CANTON
012 C020001 MA
012 C030001 02021
012 A000002 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
015 C020001 MA
015 C030001 02210
015 E010001 X
018 000000 Y
019 A000000 Y
019 B000000 272
019 C000000 BLKRKADVSR
020 A000001 BANK OF AMERICA CORP
020 B000001 56-0906609
020 C000001 1
021 000000 1
022 A000001 BLACKROCK LIQUIDITY FUNDS, MUNICASH
022 B000001 52-0983343
022 C000001 18012
022 D000001 18723
022 A000002 MORGAN STANLEY & CO INC
022 B000002 13-2655998
022 C000002 2085
022 D000002 3618
022 A000003 JP MORGAN SECURITIES INC
022 B000003 13-3379014
022 C000003 4256
022 D000003 177
022 A000004 WELLS FARGO BANK NA
022 B000004 94-1347393
022 C000004 3989
022 D000004 0
022 A000005 GOLDMAN SACHS & CO
022 B000005 13-5108880
022 C000005 3782
022 D000005 0
022 A000006 BARCLAYS CAPITAL INC
022 B000006 13-3297824
022 C000006 3324
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022 A000007 CITIGROUP GLOBAL MARKETS INC
022 B000007 11-2418191
022 C000007 1118
022 D000007 1458
022 A000008 PIPER JAFFRAY & CO
022 B000008 41-0953246
022 C000008 2418
022 D000008 0
022 A000009 STIFEL NICOLAUS & CO INC
PAGE 3
022 B000009 43-0538770
022 C000009 1360
022 D000009 0
022 A000010 PERSHING LLC
022 B000010 13-2741729
022 C000010 0
022 D000010 1214
023 C000000 40345
023 D000000 25673
024 000000 N
025 D000001 0
026 A000000 N
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026 C000000 N
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| 053 | B000000 | Y | |
| | PAGE | 5 | |
| 053 | C000000 | N | |
| 054 | A000000 | Y | |
| 054 | B000000 | Y | |
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| 054 | D000000 | N | |
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| 054 | L000000 | N | |
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| 062 | J000000 | 0.0 | |
| 062 | K000000 | 0.0 | |
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| 062 | M000000 | 0.0 |
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| 066 | A000000 | N |
| 067 | 000000 | N |
| 068 | A000000 | N |
| 068 | B000000 | N |
| 069 | 000000 | N |
| | PAGE | 6 |
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| 070 | B020000 | N |
| 070 | C010000 | Y |
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| 070 | D010000 | N |
| 070 | D020000 | N |
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| 070 | F010000 | N |
| 070 | F020000 | N |
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| 070 | O010000 | Y |
| 070 | O020000 | N |
| 070 | P010000 | Y |
| 070 | P020000 | N |
| 070 | Q010000 | N |
| 070 | Q020000 | N |
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| 072 | B000000 | 9060 |
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| | |
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| 072 G000000 | 24 |
| 072 H000000 | 0 |
| 072 I000000 | 14 |
| 072 J000000 | 9 |
| 072 K000000 | 0 |

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| | |
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| 072 L000000 | 5 |
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| 072 N000000 | 5 |
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| 072 U000000 | 0 |
| 072 V000000 | 0 |
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| 074 R040000 | 69167 |
| 074 S000000 | 83700 |
| 074 T000000 | 250528 |
| 074 U010000 | 14163 |
| 074 U020000 | 0 |

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| | |
|-------------|--------|
| 074 V010000 | 17.69 |
| 074 V020000 | 0.00 |
| 074 W000000 | 0.0000 |
| 074 X000000 | 5749 |

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| 074 | Y000000 | 95945 |
| 075 | A000000 | 0 |
| 075 | B000000 | 256203 |
| 076 | 000000 | 16.75 |
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| 077 | B000000 | N |
| 077 | I000000 | N |
| 077 | O000000 | Y |
| 077 | Q010000 | N |
| 078 | 000000 | N |
| 080 | C000000 | 0 |
| 081 | B000000 | 0 |
| 082 | B000000 | 0 |
| 083 | B000000 | 0 |
| 084 | B000000 | 0 |
| 086 | A010000 | 22 |
| 086 | A020000 | 397 |
| 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 | 09253N104 |
| 087 | A030000 | MHD |
| 087 | B010000 | PREFERRED STOCK |
| 088 | A000000 | N |
| 088 | B000000 | N |
| 088 | C000000 | N |
| 088 | D000000 | Y |
| SIGNATURE | NEAL J. ANDREWS | |
| TITLE | CFO | |