

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 28, 2013

PAGE 1
000 B000000 08/31/2013
000 C000000 1045126
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 INVEST. QUALITY FUND
001 B000000 811-08349
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
008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC
008 B000002 S
008 C000002 801-56972
008 D010002 PRINCETON
008 D020002 NJ
008 D030002 08540
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 CAPITAL MARKETS, LLC
014 B000001 8-67827
PAGE 2
014 A000002 BLACKROCK EXECUTION SERVICES
014 B000002 8-48719
014 A000003 BLACKROCK INVESTMENTS, LLC
014 B000003 8-48436
014 A000004 HARRIS WILLIAMS LLC
014 B000004 8-53380

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014 A000005 PNC CAPITAL MARKETS, INC.
014 B000005 8-32493
014 A000006 PNC INVESTMENTS LLC
014 B000006 8-66195
015 A000001 THE BANK OF NEW YORK MELLON
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY
015 C030001 10286
015 E010001 X
015 A000002 J.P. MORGAN CHASE BANK
015 B000002 S
015 C010002 NEW YORK
015 C020002 NY
015 C030002 10017
015 E010002 X
018 000000 Y
019 A000000 Y
019 B000000 290
019 C000000 BLKRRADVSR
020 A000001 BANK OF AMERICA CORP
020 B000001 56-0906609
020 C000001 3
021 000000 3
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000001 22-2509978
022 C000001 295465
022 D000001 268624
022 A000002 JEFFERIES & COMPANY, INC.
022 B000002 95-2622990
022 C000002 153207
022 D000002 99021
022 A000003 STIFEL NICOLAUS & COMPANY INCORPORATED
022 B000003 43-0538770
022 C000003 38963
022 D000003 78274
022 A000004 WELLS FARGO & CO
022 B000004 41-0449260
022 C000004 57018
022 D000004 44554
022 A000005 CITIGROUP GLOBAL MARKETS INC
022 B000005 11-2418191
022 C000005 59144
022 D000005 40571
022 A000006 BARCLAYS CAPITAL INC
PAGE 3
022 B000006 13-3297824
022 C000006 50952
022 D000006 36456
022 A000007 APEX PRYOR SECURITIES INC
022 C000007 36632
022 D000007 46761
022 A000008 MORGAN STANLEY
022 B000008 13-2655998
022 C000008 43692
022 D000008 29131
022 A000009 RAYMOND JAMES & ASSOCIATES, INC.
022 B000009 59-1237041
022 C000009 33786
022 D000009 24021
022 A000010 BANK OF AMERICA CORP
022 B000010 56-0906609

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| 022 | D000010 | 18887 |
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042 H000000 0
043 000000 0
044 000000 0
045 000000 Y
046 000000 N
047 000000 Y
048 000000 0.550
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048 A020000 0.000
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048 C010000 0
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048 F020000 0.000
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048 G020000 0.000
048 H010000 0
048 H020000 0.000
048 I010000 0
048 I020000 0.000
PAGE 5
048 J010000 0
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048 K010000 0
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049 000000 N
050 000000 N
051 000000 N
052 000000 N
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062 C000000 0.0
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PAGE 6

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066 A000000 N
067 000000 N
068 A000000 N
068 B000000 N
069 000000 N
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070 O020000 N
070 P010000 Y
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070 Q010000 N
070 Q020000 N
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070 R020000 N

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071 A000000 575206
 071 B000000 606087
 071 C000000 979463
 071 D000000 59
 072 A000000 12

PAGE 7

072 B000000 42290
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 074 I000000 36832
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 074 O000000 37640

PAGE 8

074 P000000 419
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 074 R020000 0

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| 074 S000000 | 274600 |
| 074 T000000 | 501810 |
| 074 U010000 | 37808 |
| 074 U020000 | 0 |
| 074 V010000 | 13.27 |
| 074 V020000 | 0.00 |
| 074 W000000 | 0.0000 |
| 074 X000000 | 17726 |
| 074 Y000000 | 308278 |
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| 075 B000000 | 864162 |
| 076 000000 | 12.59 |
| 077 A000000 | Y |
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| 077 Q030000 | N |
| 078 000000 | N |
| 080 A000000 | FEDERAL INSURANCE COMPANY |
| 080 B000000 | NATIONAL UNION FIRE INS CO, PITTSBURGH, PA |
| 080 C000000 | 72025 |
| 081 A000000 | Y |
| 081 B000000 | 90 |
| 082 A000000 | N |
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| 086 C020000 | 0 |
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| 086 E020000 | 0 |
| 086 F010000 | 0 |
| 086 F020000 | 0 |
| 087 A010000 | COMMON STOCK |
| 087 A020000 | 09254P108 |

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087 A030000 MFL
087 B010000 PREFERRED STOCK
088 A000000 N
088 B000000 N
088 C000000 N
088 D000000 Y
SIGNATURE NEAL J. ANDREWS
TITLE CFO