

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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042 H000000 0
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048 H020000 0.000
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049 000000 N
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055 B000000 N
056 000000 Y
057 000000 N
058 A000000 N
059 000000 Y
060 A000000 N
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061 000000 0
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062 C000000 0.0
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062 E000000 1.8
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063 B000000 22.9
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066 A000000 N
067 000000 N
068 A000000 N
068 B000000 N
069 000000 N
070 A010000 Y
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070 O020000 N
070 P010000 Y
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070 Q010000 N
070 Q020000 N
070 R010000 N
070 R020000 N

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

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072 B000000 42290
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 072 D000000 0
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 072 F000000 5478
 072 G000000 131
 072 H000000 0
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 072 K000000 0
 072 L000000 17
 072 M000000 62
 072 N000000 12
 072 O000000 0
 072 P000000 1948
 072 Q000000 0
 072 R000000 59
 072 S000000 16
 072 T000000 0
 072 U000000 0
 072 V000000 0
 072 W000000 2259
 072 X000000 10076
 072 Y000000 496
 072 Z000000 32713
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 072CC020000 90463
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 074 I000000 36832
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 074 O000000 37640

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074 P000000 419
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074 R030000	0
074 R040000	99175
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
075 A000000	0
075 B000000	864162
076 000000	12.59
077 A000000	Y
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077 C000000	N
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077 N000000	N
077 O000000	Y
077 P000000	N
077 Q010000	N
077 Q020000	N
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
082 B000000	0
083 A000000	N
083 B000000	0
084 A000000	N
084 B000000	0
085 A000000	Y
085 B000000	N
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086 A010000	46
086 A020000	744
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086 C010000	0
086 C020000	0
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086 D020000	0
086 E010000	0
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