

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-A

April 28, 2011

PAGE 1  
000 A000000 02/28/2011  
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  
007 C010200 2  
007 C010300 3  
007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
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 PLAINSBORO  
008 D020002 NJ  
008 D030002 08536  
012 A000001 BNY MELLON SHAREOWNER SERVICES (COMMON)  
012 B000001 85-05006  
012 C010001 JERSEY CITY  
012 C020001 NJ  
012 C030001 07310  
012 A000002 THE BANK OF NEW YORK MELLON (PREFERRED)  
012 B000002 85-05006  
PAGE 2  
012 C010002 NEW YORK  
012 C020002 NY  
012 C030002 10286  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
013 B020001 NJ

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

013 B030001 08540  
014 A000001 BLACKROCK CAPITAL MARKETS, LLC  
014 B000001 8-67827  
014 A000002 BLACKROCK EXECUTION SERVICES  
014 B000002 8-48719  
014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000003 8-67795  
014 A000004 BLACKROCK INVESTMENTS, LLC  
014 B000004 8-48436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 PNC CAPITAL MARKETS, INC.  
014 B000006 8-32493  
014 A000007 PNC INVESTMENTS LLC  
014 B000007 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 294  
019 C000000 BLKRRADVSR  
020 A000001 UBS SECURITIES LLC  
020 B000001 13-3873456  
020 C000001 1  
020 A000002 JANNEY MONTGOMERY SCOTT LLC  
020 B000002 23-0731260  
020 C000002 0  
020 C000003 0  
020 C000004 0  
020 C000005 0  
020 C000006 0  
020 C000007 0  
020 C000008 0  
020 C000009 0  
020 C000010 0  
PAGE 3  
021 000000 1  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 81419  
022 D000001 100228  
022 A000002 APEX SECURITIES, INC.  
022 C000002 8305  
022 D000002 35594  
022 A000003 STIFEL, NICOLAUS & COPMANY, INCORPORATED  
022 B000003 43-0538770  
022 C000003 11513  
022 D000003 16414  
022 A000004 MORGAN STANLEY & CO. INCORPORATED  
022 B000004 13-2655998  
022 C000004 20563  
022 D000004 0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

022 A000005 CITIGROUP GLOBAL MARKETS, INC.  
022 B000005 11-2418191  
022 C000005 19516  
022 D000005 425  
022 A000006 SIEBERT, BRANDFORD, SHANK & CO., L.L.C.  
022 C000006 10628  
022 D000006 7186  
022 A000007 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
022 B000007 13-5674085  
022 C000007 7387  
022 D000007 9544  
022 A000008 J.P. MORGAN SECURITIES INC.  
022 B000008 13-3299429  
022 C000008 16280  
022 D000008 0  
022 A000009 RBC CAPITAL MARKETS CORPORATION  
022 B000009 13-5033225  
022 C000009 1301  
022 D000009 11167  
022 A000010 SECUREVEST FINANCIAL GROUP  
022 C000010 4256  
022 D000010 5594  
023 C000000 213120  
023 D000000 208037  
024 000000 N  
026 A000000 N  
026 B000000 N  
026 C000000 N  
026 D000000 Y  
026 E000000 N  
026 F000000 N  
026 G010000 N  
026 G020000 N  
026 H000000 N  
027 000000 N  
PAGE 4  
045 000000 Y  
046 000000 N  
047 000000 Y  
048 000000 0.550  
048 A010000 0  
048 A020000 0.000  
048 B010000 0  
048 B020000 0.000  
048 C010000 0  
048 C020000 0.000  
048 D010000 0  
048 D020000 0.000  
048 E010000 0  
048 E020000 0.000  
048 F010000 0  
048 F020000 0.000  
048 G010000 0  
048 G020000 0.000  
048 H010000 0  
048 H020000 0.000  
048 I010000 0  
048 I020000 0.000  
048 J010000 0  
048 J020000 0.000  
048 K010000 0  
048 K020000 0.000

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

049 000000 N  
 050 000000 N  
 051 000000 N  
 052 000000 N  
 053 A000000 Y  
 053 B000000 Y  
 053 C000000 N  
 054 A000000 Y  
 054 B000000 Y  
 054 C000000 N  
 054 D000000 N  
 054 E000000 N  
 054 F000000 N  
 054 G000000 N  
 054 H000000 Y  
 054 I000000 N  
 054 J000000 Y  
 054 K000000 N  
 054 L000000 N  
 054 M000000 Y  
 054 N000000 N  
 055 A000000 N  
 055 B000000 N  
 056 000000 Y  
 057 000000 N  
       PAGE 5  
 058 A000000 N  
 059 000000 Y  
 060 A000000 N  
 060 B000000 N  
 061 000000 0  
 062 A000000 Y  
 062 B000000 0.0  
 062 C000000 0.0  
 062 D000000 0.0  
 062 E000000 0.0  
 062 F000000 0.0  
 062 G000000 0.0  
 062 H000000 0.0  
 062 I000000 0.0  
 062 J000000 0.0  
 062 K000000 0.0  
 062 L000000 2.8  
 062 M000000 0.0  
 062 N000000 0.0  
 062 O000000 165.4  
 062 P000000 0.0  
 062 Q000000 0.0  
 062 R000000 0.0  
 063 A000000 0  
 063 B000000 22.9  
 064 A000000 Y  
 064 B000000 N  
 066 A000000 N  
 067 000000 N  
 068 A000000 N  
 068 B000000 N  
 069 000000 N  
 070 A010000 Y  
 070 A020000 N  
 070 B010000 N  
 070 B020000 N

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

|     |         |   |        |
|-----|---------|---|--------|
| 070 | C010000 | Y |        |
| 070 | C020000 | N |        |
| 070 | D010000 | N |        |
| 070 | D020000 | N |        |
| 070 | E010000 | Y |        |
| 070 | E020000 | Y |        |
| 070 | F010000 | N |        |
| 070 | F020000 | N |        |
| 070 | G010000 | Y |        |
| 070 | G020000 | N |        |
| 070 | H010000 | N |        |
| 070 | H020000 | N |        |
| 070 | I010000 | N |        |
| 070 | I020000 | N |        |
| 070 | J010000 | N |        |
|     | PAGE    | 6 |        |
| 070 | J020000 | N |        |
| 070 | K010000 | Y |        |
| 070 | K020000 | Y |        |
| 070 | L010000 | N |        |
| 070 | L020000 | N |        |
| 070 | M010000 | N |        |
| 070 | M020000 | N |        |
| 070 | N010000 | N |        |
| 070 | N020000 | N |        |
| 070 | O010000 | Y |        |
| 070 | O020000 | N |        |
| 070 | P010000 | Y |        |
| 070 | P020000 | N |        |
| 070 | Q010000 | N |        |
| 070 | Q020000 | N |        |
| 070 | R010000 | N |        |
| 070 | R020000 | N |        |
| 071 | A000000 |   | 124515 |
| 071 | B000000 |   | 108424 |
| 071 | C000000 |   | 832243 |
| 071 | D000000 |   | 13     |
| 072 | A000000 |   | 6      |
| 072 | B000000 |   | 21151  |
| 072 | C000000 |   | 0      |
| 072 | D000000 |   | 0      |
| 072 | E000000 |   | 23     |
| 072 | F000000 |   | 2339   |
| 072 | G000000 |   | 51     |
| 072 | H000000 |   | 0      |
| 072 | I000000 |   | 35     |
| 072 | J000000 |   | 20     |
| 072 | K000000 |   | 0      |
| 072 | L000000 |   | 18     |
| 072 | M000000 |   | 30     |
| 072 | N000000 |   | 6      |
| 072 | O000000 |   | 0      |
| 072 | P000000 |   | 296    |
| 072 | Q000000 |   | 0      |
| 072 | R000000 |   | 99     |
| 072 | S000000 |   | 21     |
| 072 | T000000 |   | 0      |
| 072 | U000000 |   | 0      |
| 072 | V000000 |   | 0      |
| 072 | W000000 |   | 246    |
| 072 | X000000 |   | 3160   |
| 072 | Y000000 |   | 210    |

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

072 Z000000 18223  
 072AA000000 0  
 072BB000000 5700  
 072CC010000 0  
 072CC020000 59935

PAGE 7

072DD010000 16963  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.4500  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 932  
 074 B000000 0  
 074 C000000 0  
 074 D000000 808721  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 13488  
 074 J000000 1326  
 074 K000000 0  
 074 L000000 10900  
 074 M000000 136  
 074 N000000 835503  
 074 O000000 0  
 074 P000000 313  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 71726  
 074 S000000 274664  
 074 T000000 488800  
 074 U010000 37704  
 074 U020000 0  
 074 V010000 12.96  
 074 V020000 0.00  
 074 W000000 0.0000  
 074 X000000 14377  
 074 Y000000 317864  
 075 A000000 0  
 075 B000000 787718  
 076 000000 12.68  
 077 A000000 Y  
 077 D000000 Y  
 078 000000 N  
 086 A010000 27  
 086 A020000 383  
 086 B010000 0  
 086 B020000 0  
 086 C010000 0  
 086 C020000 0  
 086 D010000 0  
 086 D020000 0

PAGE 8

086 E010000 0  
 086 E020000 0  
 086 F010000 0  
 086 F020000 0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

087 A010000 COMMON STOCK  
087 A020000 09254P108  
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