

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

March 29, 2016

PAGE 1  
000 A000000 01/31/2016  
000 C000000 0000891188  
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 MUNIYIELD INVESTMENT QUALITY FUND  
001 B000000 811-07156  
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.  
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  
015 A000001 STATE STREET BANK & TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA

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015 C030001 02210  
015 E010001 X  
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019 A000000 Y  
019 B000000 281  
019 C000000 BLKRRKADVSR  
020 A000001 BANK OF AMERICA CORP  
020 B000001 56-0906609  
020 C000001 1  
021 000000 1  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 9746  
022 D000001 12183  
022 A000002 JEFFERIES & COMPANY INC  
022 B000002 95-2622900  
022 C000002 5067  
022 D000002 5549  
022 A000003 CITIGROUP GLOBAL MARKETS INC  
022 B000003 11-2418191  
022 C000003 3914  
022 D000003 3170  
022 A000004 BANK OF AMERICA CORP  
022 B000004 56-0906609  
022 C000004 2209  
022 D000004 1068  
022 A000005 OPPENHEIMER + CO. INC.  
022 B000005 13-2798343  
022 C000005 1527  
022 D000005 1387  
022 A000006 MORGAN STANLEY  
022 B000006 36-3145972  
022 C000006 1785  
022 D000006 879  
022 A000007 STIFEL NICOLAUS & CO INC  
022 B000007 43-0538770  
022 C000007 1899  
022 D000007 619  
022 A000008 BLACKROCK LIQUIDITY FUNDS:MUNICASH  
022 B000008 52-0983343  
022 C000008 1766  
022 D000008 695  
022 A000009 JANNEY MONTGOMERY SCOTT LLC  
022 B000009 23-0731260  
022 C000009 0  
PAGE 3  
022 D000009 2101  
022 A000010 PERSHING LLC  
022 B000010 13-2741729  
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022 D000010 1571  
023 C000000 31473  
023 D000000 31021  
024 000000 N  
026 A000000 N  
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026 D000000 Y  
026 E000000 N  
026 F000000 N  
026 G010000 N  
026 G020000 N

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| 048 | C020000 | 0.000 |   |

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| 062 | M000000 | 0.0   |
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072 J000000 6  
 072 K000000 0  
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| 082       | B000000         | 0               |
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| 087       | A030000         | MFT             |
| 087       | B010000         | PREFERRED STOCK |
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| 088       | B000000         | N               |
| 088       | C000000         | N               |
| 088       | D000000         | Y               |
| SIGNATURE | NEAL J. ANDREWS |                 |
| TITLE     | CFO             |                 |