

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

March 28, 2017

PAGE 1  
000 A000000 01/31/2017  
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  
014 A000006 SOLEBURY CAPITAL, LLC  
014 B000006 8-67548  
015 A000001 STATE STREET BANK AND TRUST CO.  
015 B000001 C

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015 C010001 BOSTON  
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015 C030001 02110  
015 E010001 X  
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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 17757  
022 D000001 16665  
022 A000002 PERSHING LLC  
022 B000002 13-2741729  
022 C000002 6500  
022 D000002 9811  
022 A000003 GOLDMAN SACHS & CO  
022 B000003 13-5108880  
022 C000003 8905  
022 D000003 2932  
022 A000004 CITIGROUP GLOBAL MARKETS INC  
022 B000004 11-2418191  
022 C000004 3186  
022 D000004 4527  
022 A000005 BARCLAYS CAPITAL INC.  
022 B000005 06-1031656  
022 C000005 3725  
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022 A000006 WELLS FARGO BANK NA  
022 B000006 94-1347393  
022 C000006 2371  
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022 A000007 RBC CAPITAL MARKETS CORP  
022 B000007 13-5033225  
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022 A000008 BANK OF AMERICA CORP  
022 B000008 56-0906609  
022 C000008 2183  
022 D000008 3784  
022 A000009 STIFEL NICOLAUS & CO INC  
PAGE 3  
022 B000009 43-0538770  
022 C000009 3900  
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022 A000010 J.P. MORGAN SECURITIES LLC  
022 B000010 13-3299429  
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023 C000000 62293  
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| 070 | M010000 | N      |
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072 G000000 16  
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074 V010000 14.35  
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| 087       | A030000         | MFT             |
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| SIGNATURE | NEAL J. ANDREWS |                 |
| TITLE     | CFO             |                 |