

BLACKROCK MUNIYIELD INVESTMENT FUND

Form NSAR-B

September 27, 2012

PAGE 1
000 B000000 07/31/2012
000 C000000 0000882153
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 FUND
001 B000000 811-06502
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
002 C000000 DE
002 D010000 19809
003 000000 N
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006 000000 N
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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.
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
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015 A000002 J.P. MORGAN CHASE BANK
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015 C020002 NY
015 C030002 10017
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019 C000000 BLKRRADVSR
020 A000001 BANK OF AMERICA CORP
020 B000001 56-0906609
020 C000001 2
020 A000002 UBS SECURITIES LLC
020 B000002 13-3873456
020 C000002 1
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000001 22-2509978
022 C000001 92078
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022 A000002 J.P. MORGAN SECURITIES INC.
022 B000002 13-3299429
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022 A000003 JEFFERIES & COMPANY INC
022 B000003 95-2622900
022 C000003 19095
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022 A000004 CITIGROUP GLOBAL MARKETS, INC.
022 B000004 11-2418191
022 C000004 13730
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022 A000005 STIFEL, NICOLAUS & COMPANY, INCORPORATED
022 B000005 43-0538770
PAGE 3
022 C000005 8037
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022 A000006 MORGAN STANLEY
022 B000006 13-2655998
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022 A000007 BARCLAYS CAPITAL INC.
022 B000007 13-3297824
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022 A000008 WELLS FARGO & CO
022 B000008 41-0449260
022 C000008 7157
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022 A000009 BB & T AM DISTRIBUTORS INC
022 C000009 1617

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PAGE 6

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070 R010000 N
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 071 A000000 129108
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 071 C000000 330295

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074 N000000 375662
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080	C000000	71150
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087	B010000	PREFERRED STOCK
088	A000000	N
088	B000000	N
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088	D000000	Y
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	