

BLACKROCK MUNICIPAL INCOME INVESTMENT TRUST

Form NSAR-B

September 29, 2010

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000 B000000 07/31/2010
000 C000000 0001137392
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 MUNICIPAL INCOME INVESTMENT TRUST
001 B000000 811-10333
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
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002 D010000 19809
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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 FINANCIAL MANAGEMENT, INC.
008 B000002 S
008 C000002 801-48433
008 D010002 NEW YORK
008 D020002 NY
008 D030002 10055
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)
012 B000001 85-11340
012 C010001 PROVIDENCE
012 C020001 RI
012 C030001 02940
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)
012 B000002 85-05006
PAGE 2
012 C010002 JERSEY CITY
012 C020002 NJ
012 C030002 07310
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 PRINCETON
013 B020001 NJ

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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
 014 A000008 RED CAPITAL MARKETS, INC.
 014 B000008 8-31175
 015 A000001 STATE STREET BANK AND TRUST COMPANY
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 015 A000002 THE BANK OF NEW YORK MELLON
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 015 A000003 J.P. MORGAN CHASE BANK
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 020 A000001 RBS SECURITIES INC.
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 020 A000002 JANNEY MONTGOMERY SCOTT LLC
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 022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
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 022 A000002 J.P. MORGAN SECURITIES INC.
 022 B000002 13-3299429
 022 C000002 15421
 022 D000002 6625

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022 A000003 MORGAN STANLEY & CO. INCORPORATED
 022 B000003 13-2655998
 022 C000003 16600
 022 D000003 0
 022 A000004 M.R. BEAL & COMPANY
 022 B000004 13-3452090
 022 C000004 0
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 022 A000005 CITIGROUP GLOBAL MARKETS, INC.
 022 B000005 11-2418191
 022 C000005 9044
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 022 A000006 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
 022 B000006 13-5674085
 022 C000006 10958
 022 D000006 742
 022 A000007 SIEBERT, BRANDFORD, SHANK & CO., L.L.C.
 022 C000007 5990
 022 D000007 5620
 022 A000008 STIFEL, NICHOLAUS & COMPANY, INCORPORATED
 022 B000008 43-0538770
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 022 A000009 RICE SECURITIES, LLC
 022 C000009 0
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 022 A000010 WILLIAM BLAIR & COMPANY, L.L.C.
 022 B000010 36-2214610
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077 B000000	Y

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078 000000	N
080 A000000	VIGILANT INSURANCE COMPANY
080 B000000	NATIONAL UNION FIRE INSURANCE COMPANY

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087	A030000	BBF
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SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	