

BLACKROCK MUNIVEST FUND INC

Form NSAR-B/A

June 22, 2007

PAGE 1  
000 B000000 08/31/2006  
000 C000000 0000835948  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 Y  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 BLACKROCK MUNIVEST FUND, INC.  
001 B000000 811-5611  
001 C000000 6092822800  
002 A000000 P.O. BOX 9011  
002 B000000 PRINCETON  
002 C000000 NJ  
002 D010000 08543  
002 D020000 9011  
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007 C010500 5  
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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  
011 A000001 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
011 B000001 8-7221  
011 C010001 NEW YORK  
011 C020001 NY  
011 C030001 10281  
011 C040001 1201  
PAGE 2  
012 A000001 THE BANK OF NEW YORK (COMMON)  
012 B000001 85-05006  
012 C010001 NEW YORK  
012 C020001 NY  
012 C030001 10286  
012 A000002 THE BANK OF NEW YORK (PREFERRED)

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012 B000002 85-05006  
012 C010002 NEW YORK  
012 C020002 NY  
012 C030002 10286  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
013 B020001 NJ  
013 B030001 08540  
014 A000001 MLPF&S AND OTHER ML BROKER/DEALER AFFILIATES  
014 B000001 8-7221  
014 A000002 BLACKROCK INVESTMENTS, INC.  
014 B000002 8-048436  
014 A000003 NORTHERN FUNDS DISTRIBUTORS, LLC  
014 B000003 8-051242  
014 A000004 PNC CAPITAL MARKETS, LLC  
014 B000004 8-032493  
014 A000005 J.J.B. HILLIARD W.L. LYONS, INC.  
014 B000005 8-033133  
014 A000006 PFPC DISTRIBUTORS, INC.  
014 B000006 8-045467  
014 A000007 MGI FUNDS DISTRIBUTORS, INC.  
014 B000007 8-046960  
014 A000008 ABN AMRO DISTRIBUTION SERVICES, INC.  
014 B000008 8-052396  
014 A000009 BLACKROCK DISTRIBUTORS, INC.  
014 B000009 8-048775  
014 A000010 PERSIMMON SECURITIES, INC.  
014 B000010 8-053071  
014 A000011 PNC INVESTMENTS LLC  
014 B000011 8-066195  
014 A000012 STATE STREET RESEARCH INVEST SERV, INC.  
014 B000012 8-035442  
015 A000001 THE BANK OF NEW YORK  
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015 A000002 BANKERS TRUST COMPANY  
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015 A000003 J.P. MORGAN CHASE BANK  
PAGE 3  
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015 A000004 CUSTODIAL TRUST CO.  
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015 C010004 NEW YORK  
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015 A000005 MORGAN GUARANTY TRUST CO. OF NEW YORK  
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 022 A000002 BR INSTITUTIONAL TAX EXEMPT FUND  
 022 B000002 22-2509978  
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 022 A000003 J.P. MORGAN SECURITIES INC.  
 022 B000003 13-3224016  
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 022 A000004 GOLDMAN, SACHS & CO.  
 022 B000004 13-5108880  
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 022 A000005 MORGAN STANLEY  
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 022 B000005 13-2655998  
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 022 A000006 UBS FINANCIAL SERVICES INC.  
 022 B000006 13-2638166  
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 022 A000007 BEAR, STEARNS & CO. INC.  
 022 B000007 13-3299429  
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 022 A000008 WACHOVIA SECURITIES  
 022 C000008 36545  
 022 D000008 52566  
 022 A000009 LEHMAN BROTHERS INC.  
 022 B000009 13-2518466  
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 022 A000010 RBC DAIN RAUSCHER INC.  
 022 B000010 41-0212020  
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PAGE 6

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086	E010000	0
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087	A020000	626295109
087	A030000	MVF
087	B010000	PREFERRED STOCK
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	DONALD C. BURKE	
TITLE	TREASURER	