

PUTNAM INVESTMENT GRADE MUNICIPAL TRUST

Form NSAR-B

January 26, 2007

PAGE 1
000 B000000 11/30/2006
000 C000000 0000855048
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 PUTNAM INVESTMENT GRADE MUNICIPAL TRUST
001 B000000 811-5901
001 C000000 6172921000
002 A000000 ONE POST OFFICE SQUARE
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003 000000 N
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007 C010900 9
007 C011000 10
008 A000001 PUTNAM INVESTMENT MANAGEMENT, LLC
008 B000001 A
008 C000001 801-7974
008 D010001 BOSTON
008 D020001 MA
008 D030001 02109
011 A000001 DELETE
012 A000001 PUTNAM INVESTOR SERVICES
012 B000001 84-401299
012 C010001 BOSTON
012 C020001 MA
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013 A000001 KPMG LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02110
015 A000001 PUTNAM FIDUCIARY TRUST COMPANY
015 B000001 C
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PAGE 2
015 C020001 MA
015 C030001 02109
015 E010001 X
015 A000002 DEUTSCHE BANK TRUST COMPANY AMERICAS
015 B000002 S
015 C010002 JERSEY CITY

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015 C020002 NJ
015 C030002 07311
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015 A000003 BOSTON SAFE DEPOSIT AND TRUST COMPANY
015 B000003 S
015 C010003 PITTSBURGH
015 C020003 PA
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015 A000004 BROWN BROTHERS HARRIMAN & CO.
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015 A000005 JPMORGAN CHASE BANK
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015 C010005 NEW YORK
015 C020005 NY
015 C030005 10017
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015 A000006 CITIGROUP N.A.
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015 C010006 TAMPA
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015 C030006 33610
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015 A000007 UMB BANK N.A.
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015 C010007 KANSAS CITY
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020 A000001 LEHMAN BROTHERS, INC.
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022 A000001 UBS WARBURG INVESTMENTS, LTD.
022 B000001 13-3873456
022 C000001 7413
022 D000001 10669
022 A000002 CITIGROUP GLOBAL MARKETS HOLDINGS, INC.
022 B000002 11-2418191
022 C000002 6409
022 D000002 8287
022 A000003 FIRST ALBANY CORP.
022 B000003 14-1391446
022 C000003 0

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048 J020000 0.000
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066 A000000 N
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068 A000000 N
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069 000000 N
070 A010000 Y
070 A020000 N

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070	B010000	Y	
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080	B000000	FEDERAL INSURANCE COMPANY
080	C000000	80000
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087	A030000	PGM	
087	B010000	REMARKETED PREFERRED STOCK, SERIES A	
087	B020000	746805-201	
088	A000000	N	
088	B000000	N	
088	C000000	N	
088	D000000	Y	
SIGNATURE	JANET C. SMITH		
TITLE	PRINC. ACCT. OFFICER		