

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 25, 2004

PAGE 1  
000 B000000 12/31/2003  
000 C000000 0000275694  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 MASSMUTUAL CORPORATE INVESTORS  
001 B000000 811-2183  
001 C000000 4132261000  
002 A000000 1500 MAIN STREET, SUITE 1100  
002 B000000 SPRINGFIELD  
002 C000000 MA  
002 D010000 01115  
002 D020000 0001  
003 000000 N  
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007 C010200 2  
007 C010300 3  
007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 DAVID L. BABSON & COMPANY INC.  
008 B000001 A  
008 C000001 801-241  
008 D010001 SPRINGFIELD  
008 D020001 MA  
008 D030001 01115  
008 D040001 0001  
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.  
012 B000001 84-1817  
012 C010001 DENVER  
012 C020001 CO  
012 C030001 80231  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 NEW YORK  
013 B020001 NY  
013 B030001 10281  
013 B040001 1414  
015 A000001 CITIBANK, N.A.  
PAGE 2  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10043  
015 E010001 X  
018 000000 Y

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019 A000000 Y  
019 B000000 2  
019 C000000 CIPIINVEST  
020 A000001 FIRST BOSTON CORP.  
020 B000001 13-5659485  
020 C000001 10  
020 A000002 S.C. BERNSTEIN  
020 B000002 13-4132953  
020 C000002 4  
020 A000003 ALLEN & COMPANY INC.  
020 B000003 13-6176976  
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020 A000004 CHARLES SCHWAB  
020 B000004 94-1737782  
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020 A000005 GOLDMAN, SACHS & CO.  
020 B000005 13-5108880  
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020 A000006 WEEDEN & CO. LP  
020 B000006 13-3364318  
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020 A000007 FIRST ALBANY CORP.  
020 B000007 14-1391446  
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020 A000008 KNIGHT SECURITIES LP  
020 B000008 22-3660471  
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020 A000009 WARBURG S.G. CO., INC.  
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020 A000010 SALOMON SMITH BARNEY HOLD INC.  
020 B000010 11-2418191  
020 C000010 0  
021 000000 24  
022 A000001 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
022 B000001 13-5674085  
022 C000001 164555  
022 D000001 250  
022 A000002 GOLDMAN, SACHS & CO.  
022 B000002 13-5108880  
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022 A000003 J.P. MORGAN CHASE  
022 B000003 13-4994650  
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PAGE 3  
022 D000003 4785  
022 A000004 FIRST BOSTON CORP.  
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022 A000005 SHEARSON LEHMAN AMER EXP  
022 B000005 13-2518466  
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022 A000006 FIRST CHICAGO CAPITAL MARKET  
022 B000006 36-3595942  
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022 A000007 JEFFERIES & CO., INC.  
022 B000007 95-2622900  
022 C000007 9273

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PAGE 4

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054 O000000 Y  
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078 000000	N
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080 A000000	NEW HAMPSHIRE INSURANCE COMPANY
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086 B020000 0  
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087 A010000 COMMON SHARES  
087 A020000 576292106  
087 A030000 MCI  
088 A000000 Y  
088 B000000 N  
088 C000000 N  
088 D000000 N  
SIGNATURE CHARLES C. MCCOBB, JR.  
TITLE V.P. AND C.F.O.

EXHIBIT INDEX TO FORM N-SAR  
OF MASSMUTUAL CORPORATE INVESTORS  
FOR SEMI-ANNUAL PERIOD ENDED DECEMBER 31, 2003

EXHIBIT NO.	DESCRIPTION
77B	Accountant's Report on Internal Control
77E	Legal Proceedings
77K	Changes in Registrant's Certifying Accountant
77Q1(a)	Information Called for by the Instruction to Sub-Item 77Q1(a)
77Q2	Information Called for by the Instruction to Sub-Item 77Q2