

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 29, 2006

PAGE 1
000 A000000 06/30/2006
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 600
002 B000000 SPRINGFIELD
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002 D010000 01115
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003 000000 N
004 000000 N
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007 C010600 6
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007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 BABSON CAPITAL MANAGEMENT LLC
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 80217
012 C040001 3673
013 A000001 KPMG LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02110
013 B040001 2371
PAGE 2
014 A000001 BABSON CAPITAL SECURITIES INC
014 B000001 8-47589
015 A000001 CITIBANK, N.A.
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY

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020 A000001 ALLEN & COMPANY, INC.
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020 A000002 JEFFERIES & CO., INC.
020 B000002 94-1737782
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020 A000003 ICAP CORPORATES, LLC
020 B000003 13-3858854
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020 A000004 GOLDMAN, SACHS & CO.
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020 A000005 BANC OF AMERICA SECURITIES LLC
020 B000005 56-2058405
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020 A000007 WACHOVIA SECURITIES LLC
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020 A000008 LIQUIDNET, INC.
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022 A000002 MERRILL, LYNCH, PIERCE, FENNER & SMITH INC.
022 B000002 13-5674085
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PAGE 3
022 A000003 JP MORGAN CHASE
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022 A000006 LEHMAN BROTHERS, INC.
022 B000006 13-2518466
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086 F020000 0
087 A010000 COMMON SHARES
087 A020000 576292106
087 A030000 MCI
088 A000000 Y
088 B000000 N
088 C000000 N
088 D000000 N
SIGNATURE JAMES M. ROY
TITLE V.P. AND C.F.O.

EXHIBIT INDEX TO FORM N-SAR
OF MASSMUTUAL CORPORATE INVESTORS
FOR SEMI-ANNUAL PERIOD ENDED JUNE 30, 2006

EXHIBIT NO.	DESCRIPTION
770	Transactions Effected Pursuant to Rule 10f-3