

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 29, 2008

PAGE 1
000 A000000 06/30/2008
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 4132261516
002 A000000 1500 MAIN STREET, P.O. BOX 5189
002 B000000 SPRINGFIELD
002 C000000 MA
002 D010000 01115
002 D020000 5189
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
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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 BABSON CAPITAL MANAGEMENT LLC
008 B000001 A
008 C000001 801-241
008 D010001 SPRINGFIELD
008 D020001 MA
008 D030001 01115
008 D040001 5189
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.
012 B000001 84-1817
012 C010001 CENTENNIAL
012 C020001 CO
012 C030001 80112
013 A000001 KPMG LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02110
013 B040001 2371
014 A000001 BABSON CAPITAL SECURITIES INC
PAGE 2
014 B000001 8-47589
015 A000001 CITIBANK, N.A.
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY
015 C030001 10043

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015 E010001 X
018 000000 Y
019 A000000 Y
019 B000000 2
019 C000000 CIPIINVEST
020 A000001 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.
020 B000001 13-5674085
020 C000001 0
020 A000002 CANTOR, FITZGERALD & CO.
020 B000002 13-3680184
020 C000002 0
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022 A000001 JP MORGAN CHASE
022 B000001 13-4994650
022 C000001 113980
022 D000001 3265
022 A000002 BANC OF AMERICA SECURITIES LLC
022 B000002 56-2058405
022 C000002 87815
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022 A000003 GOLDMAN, SACHS & CO
022 B000003 13-5108880
022 C000003 86389
022 D000003 397
022 A000004 FIRST BOSTON CORP
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022 C000004 83294
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022 A000005 CITIGROUP
022 B000005 13-3214963
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022 A000006 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.
022 B000006 13-5674085
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022 D000006 946
022 A000007 LEHMAN BROTHERS, INC.
PAGE 3
022 B000007 13-2518466
022 C000007 32529
022 D000007 4147
022 A000008 DEUTSCHE BANK CAPITAL CORP.
022 B000008 13-2730828
022 C000008 24127
022 D000008 1980
022 A000009 WACHOVIA SECURITIES LLC
022 B000009 34-1542819
022 C000009 9773
022 D000009 0
022 A000010 MORGAN, STANLEY AND CO.
022 B000010 36-3145972
022 C000010 1646
022 D000010 2330
023 C000000 583080

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062 A000000 Y
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PAGE 6

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062 P000000 87.1
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| 086 | D010000 | 0 |
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| 086 | E020000 | 0 |
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086 F020000 0
087 A010000 SHARES OF BENEFICIAL INTEREST
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, 2008

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