

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 28, 2002

PAGE 1
000 B000000 12/31/2001
000 C000000 0000275694
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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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
003 000000 N
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007 B000000 0
007 C010100 1
007 C010200 2
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007 C010400 4
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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
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.
012 B000001 84-1817
012 C010001 DENVER
012 C020001 CO
012 C030001 80231
013 A000001 DELOITTE & TOUCHE
013 B010001 NEW YORK
013 B020001 NY
013 B030001 10281
013 B040001 1414
015 A000001 CITIBANK, N.A.
015 B000001 C
015 C010001 NEW YORK
PAGE 2
015 C020001 NY
015 C030001 10043
015 E010001 X
015 A000002 THE CHASE MANHATTAN BANK, N.A.
015 B000002 C
015 C010002 NEW YORK

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015 C020002 NY
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015 E010002 X
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020 A000001 ALLEN & COMPANY INCORPORATED
020 B000001 13-6176976
020 C000001 30
020 A000002 LAZARD FRERES AND CO
020 B000002 13-5545100
020 C000002 7
020 A000003 FIRST BOSTON CORPORATION
020 B000003 13-5659485
020 C000003 4
020 A000004 DUNLEVY & CO
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020 A000005 SALOMON SMITH BARNEY HOLD INC
020 B000005 11-2418191
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020 A000006 MERRILL, LYNCH PIERCE, FENNER & SMITH INC.
020 B000006 13-5674085
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022 A000001 GOLDMAN, SACHS & CO
022 B000001 13-5108880
022 C000001 258654
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022 A000002 MERRILL, LYNCH PIERCE, FENNER & SMITH INC.
022 B000002 13-5674085
022 C000002 187874
022 D000002 10490
022 A000003 FIRST CHICAGO CAPITAL MARKET
022 B000003 36-3595942
022 C000003 48377
022 D000003 2146
022 A000004 J.P. MORGAN CHASE
PAGE 3
022 B000004 13-4994650
022 C000004 35897
022 D000004 2659
022 A000005 SHEARSON LEHMAN AMERICAN EXPRESS
022 B000005 13-2518466
022 C000005 12598
022 D000005 1455
022 A000006 RAYMOND JAMES
022 B000006 59-1237041
022 C000006 0
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022 A000007 FIRST BOSTON CORPORATION
022 B000007 13-5659485
022 C000007 5573
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022 A000008 ROBERTSON, STEPHENS & CO.

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022	B000008	94-2524501
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066 A000000 Y
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072 K000000 0
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 072 M000000 132
 072 N000000 0
 072 O000000 0

PAGE 7

072 P000000 1515
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 072 U000000 0
 072 V000000 0
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 072DD010000 15595
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 074 X000000 2870

PAGE 8

074 Y000000 0
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 075 B000000 181267
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077 A000000 Y
077 B000000 Y
077 Q020000 Y
078 000000 N
080 A000000 NEW HAMPSHIRE INSURANCE COMPANY
080 B000000 NONE
080 C000000 1200
081 A000000 Y
081 B000000 1
082 A000000 N
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086 E020000 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.