

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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002 A000000 1500 MAIN STREET, SUITE 1100
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007 C011000 10
008 A000001 DAVID L. BABSON & COMPANY INC.
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008 D010001 SPRINGFIELD
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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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PAGE 3
022 B000004 13-4994650
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022 A000005 SHEARSON LEHMAN AMERICAN EXPRESS
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022 A000006 RAYMOND JAMES
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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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077 A000000 Y
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077 Q020000 Y
078 000000 N
080 A000000 NEW HAMPSHIRE INSURANCE COMPANY
080 B000000 NONE
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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.