

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  
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  
003 000000 N  
004 000000 N  
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006 000000 N  
007 A000000 N  
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007 C010100 1  
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007 C010300 3  
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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  
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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018 000000 Y  
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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  
020 B000004 13-2919975  
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020 A000005 SALOMON SMITH BARNEY HOLD INC  
020 B000005 11-2418191  
020 C000005 1  
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  
022 D000001 3757  
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  
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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  
022 D000007 2163  
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 E000000 0  
072 F000000 2705  
072 G000000 0  
072 H000000 0  
072 I000000 36  
072 J000000 4

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072 K000000 0  
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 072 M000000 132  
 072 N000000 0  
 072 O000000 0

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 072 R000000 29  
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 072 T000000 0  
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074 Y000000 0  
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 076 000000 20.70

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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  
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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.