

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 28, 2003

PAGE 1
000 B000000 12/31/2002
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
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
007 C010100 1
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 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 LLP
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 DELETE
018 000000 Y
019 A000000 Y

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019 B000000 2
 019 C000000 CIPIINVEST
 020 A000001 ALLEN & COMPANY INCORPORATED
 020 B000001 13-6176976
 020 C000001 5
 020 A000002 CIBC OPPENHEIMER
 020 B000002 13-2798343
 020 C000002 3
 020 A000003 SALOMON SMITH BARNEY HOLD INC.
 020 B000003 11-2418191
 020 C000003 2
 020 A000004 GOLDMAN, SACHS & CO.
 020 B000004 13-5108880
 020 C000004 1
 020 A000005 DUNLEVY & CO.
 020 B000005 13-2919975
 020 C000005 1
 020 A000006 FIRST BOSTON CORPORATION
 020 B000006 13-5659485
 020 C000006 1
 020 A000007 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
 020 B000007 13-5674085
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 020 A000008 TP WEISEL
 020 C000008 0
 020 C000009 0
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 022 A000001 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
 022 B000001 13-5674085
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 022 D000001 5567
 022 A000002 GOLDMAN, SACHS & CO.
 022 B000002 13-5108880
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 022 D000002 1724
 022 A000003 J.P. MORGAN CHASE
 022 B000003 13-4994650
 022 C000003 90493
 022 D000003 2583
 022 A000004 SALOMON SMITH BARNEY HOLD INC.
 022 B000004 11-2418191
 022 C000004 6637
 022 D000004 2228
 022 A000005 FIRST BOSTON CORPORATION
 PAGE 3
 022 B000005 13-5659485
 022 C000005 8559
 022 D000005 174
 022 A000006 FIRST CHICAGO
 022 B000006 36-3595942
 022 C000006 6044
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 022 A000007 MORGAN STANLEY AND CO.
 022 B000007 13-2655998
 022 C000007 2178
 022 D000007 1809
 022 A000008 BNP PARIBAS
 022 C000008 0
 022 D000008 2854
 022 A000009 GRANCHESTER
 022 C000009 981

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070	I010000	N	
070	I020000	N	
070	J010000	Y	
070	J020000	Y	

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086	A020000	1886
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086	D020000	0
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086	F010000	0

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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 CHARLES C. MCCOBB, JR.
TITLE V.P. AND C.F.O.

EXHIBIT INDEX TO FORM N-SAR
OF MASSMUTUAL CORPORATE INVESTORS
FOR YEAR ENDED DECEMBER 31, 2002

EXHIBIT NO.	DESCRIPTION
77B	ACCOUNTANT'S REPORT ON INTERNAL CONTROL
77E	LEGAL PROCEEDINGS
77Q(2)	INFORMATION CALLED FOR BY THE INSTRUCTIONS TO SUB-ITEM 77Q(2)
77Q(3)	INFORMATION CALLED FOR BY THE INSTRUCTIONS TO SUB-ITEM 77Q(3)