

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 27, 2001

PAGE 1
000 B000000 12/31/2000
000 C000000 0000275694
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 U
001 A000000 MASSMUTUAL CORPORATE INVESTORS
001 B000000 811-2183
001 C000000 4137888411
002 A000000 1295 STATE STREET
002 B000000 SPRINGFIELD
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002 D020000 0001
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 01111
008 D040001 0001
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 HARTFORD
013 B020001 CT
013 B030001 06103
013 B040001 3402
015 A000001 THE CHASE MANHATTAN BANK, N.A.
PAGE 2
015 B000001 C
015 C010001 BROOKLYN
015 C020001 NY
015 C030001 11245
015 E010001 X

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018 000000 Y
019 A000000 Y
019 B000000 2
019 C000000 CIPIINVEST
020 A000001 LAZARD FRERES AND CO.
020 B000001 13-5545100
020 C000001 11
020 A000002 MORGAN STANLEY DEAN WITTER & CO.
020 B000002 13-2655998
020 C000002 10
020 A000003 ALLEN & COMPANY INCORPORATED
020 B000003 13-6176976
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020 A000004 JANNEY MONTGOMERY SCOTT, INC.
020 B000004 23-0731230
020 C000004 10
020 A000005 LADENBERG, THALMANN & CO. INC.
020 B000005 13-2700032
020 C000005 1
020 A000006 LEHMAN BROTHERS INC.
020 B000006 13-2518466
020 C000006 1
020 A000007 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
020 B000007 13-5674085
020 C000007 1
020 A000008 DUNLEVY & CO. INC.
020 B000008 13-2919975
020 C000008 0
020 A000009 HAMBRECHT & QUIST, LLC
020 B000009 94-3220292
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020 A000010 CREDIT SUISSE FIRST BOSTON CORPORATION
020 B000010 13-5659485
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022 A000001 GOLDMAN, SACHS & CO
022 B000001 13-5108880
022 C000001 353625
022 D000001 11691
022 A000002 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
022 B000002 13-5674085
022 C000002 172346
022 D000002 11875
022 A000003 BANCOSTON ROBERTSON STEPHENS
022 B000003 94-2524501
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PAGE 3
022 D000003 4102
022 A000004 LEHMAN BROTHERS INC.
022 B000004 13-2518466
022 C000004 30002
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022 A000005 MORGAN STANLEY DEAN WITTER & CO.
022 B000005 13-2655998
022 C000005 19321
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022 A000006 BANC ONE CAPITAL MARKET, INC.
022 B000006 31-1017233
022 C000006 20463
022 D000006 1570
022 A000007 DONALDSON, LUFKIN & JENRETTE SECURITIES CORP.
022 B000007 13-2741729

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| | | |
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| 022 | C000007 | 6182 |
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| 022 | A000008 | CREDIT SUISSE FIRST BOSTON CORPORATION |
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| 022 | A000009 | SALOMON SMITH BARNEY INC. |
| 022 | B000009 | 11-2418191 |
| 022 | C000009 | 5097 |
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| 022 | A000010 | GRANTCHESTER DIVISION OF WASSERSTEIN PERELLA |
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| 054 | F000000 | N |
| 054 | G000000 | Y |

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054 H000000 Y
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 054 J000000 Y
 054 K000000 N
 054 L000000 N
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 070 B010000 N
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 070 C020000 N
 070 D010000 N
 070 D020000 N
 070 E010000 N
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070 G010000 N
070 G020000 N
070 H010000 N
070 H020000 N
PAGE 7
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070 L020000 Y
070 M010000 N
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070 R020000 N
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071 C000000 210384
071 D000000 60
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072 B000000 20494
072 C000000 418
072 D000000 0
072 E000000 0
072 F000000 2411
072 G000000 0
072 H000000 0
072 I000000 68
072 J000000 0
072 K000000 0
072 L000000 94
072 M000000 140
072 N000000 0
072 O000000 0
072 P000000 1136
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072 U000000 0
072 V000000 0
072 W000000 130
072 X000000 4043
072 Y000000 0
072 Z000000 16869
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PAGE 8
072BB000000 22842
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072CC020000 13029

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| 074 T000000 | 178130 |
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| 074 V010000 | 20.74 |
| 074 V020000 | 0.00 |
| 074 W000000 | 0.0000 |
| 074 X000000 | 3023 |
| 074 Y000000 | 0 |
| 075 A000000 | 0 |
| 075 B000000 | 197128 |
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| 077 F000000 | N |
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| 077 H000000 | N |
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| 077 P000000 | N |
| 077 Q010000 | Y |
| 077 Q020000 | Y |
| 077 Q030000 | N |
| 078 000000 | N |
| 080 A000000 | NEW HAMPSHIRE INSURANCE COMPANY |

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| 080 | C000000 | 1200 | |
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| 081 | B000000 | 1 | |
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| 082 | B000000 | 0 | |
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| 085 | B000000 | N | |
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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 | VICE PRESIDENT & CFO | | |