

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
002 C000000 MA
002 D010000 01111
002 D020000 0001
003 000000 N
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007 C010100 1
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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
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 020 A000001 LAZARD FRERES AND CO.
 020 B000001 13-5545100
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 020 A000002 MORGAN STANLEY DEAN WITTER & CO.
 020 B000002 13-2655998
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 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
 020 C000010 0
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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
 022 C000003 35954
 PAGE 3
 022 D000003 4102
 022 A000004 LEHMAN BROTHERS INC.
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 022 A000005 MORGAN STANLEY DEAN WITTER & CO.
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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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022	A000009	SALOMON SMITH BARNEY INC.
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054 H000000 Y
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054 K000000 N
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054 N000000 N
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PAGE 7
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072 Z000000 16869
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077 P000000	N
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077 Q020000	Y
077 Q030000	N
078 000000	N
080 A000000	NEW HAMPSHIRE INSURANCE COMPANY

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086	E020000	0	
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086	F020000	0	
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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	VICE PRESIDENT & CFO		