

MASSMUTUAL CORPORATE INVESTORS  
Form NSAR-B  
February 27, 2001

PAGE 1  
000 B000000 12/31/2000  
000 C000000 0000275694  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
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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  
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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  
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020 A000001 LAZARD FRERES AND CO.  
020 B000001 13-5545100  
020 C000001 11  
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  
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020 A000008 DUNLEVY & CO. INC.  
020 B000008 13-2919975  
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020 A000009 HAMBRECHT & QUIST, LLC  
020 B000009 94-3220292  
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020 B000010 13-5659485  
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022 A000001 GOLDMAN, SACHS & CO  
022 B000001 13-5108880  
022 C000001 353625  
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022 A000002 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
022 B000002 13-5674085  
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022 A000003 BANCOSTON ROBERTSON STEPHENS  
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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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054 H000000 Y  
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 054 J000000 Y  
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PAGE 8  
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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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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	