

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 27, 2009

PAGE 1  
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000 C000000 0000275694  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
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001 B000000 811-2183  
001 C000000 4132261516  
002 A000000 1500 MAIN STREET, P.O. BOX 15189  
002 B000000 SPRINGFIELD  
002 C000000 MA  
002 D010000 01115  
002 D020000 5189  
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007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 BABSON CAPITAL MANAGEMENT LLC  
008 B000001 A  
008 C000001 801-241  
008 D010001 SPRINGFIELD  
008 D020001 MA  
008 D030001 01115  
008 D040001 5189  
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.  
012 B000001 84-1817  
012 C010001 CENTENNIAL  
012 C020001 CO  
012 C030001 80112  
013 A000001 KPMG LLP  
013 B010001 BOSTON  
013 B020001 MA  
013 B030001 02110  
013 B040001 2371  
014 A000001 BABSON CAPITAL SECURITIES INC  
PAGE 2  
014 B000001 8-47589  
015 A000001 CITIBANK, N.A.  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10043

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015 E010001 X  
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 020 A000001 ALLEN & CO.  
 020 B000001 13-4132953  
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 020 A000002 CITIGROUP  
 020 B000002 13-3214963  
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 020 A000003 WEEDEN & CO.  
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 020 A000004 BARCLAYS CAPITAL INC.  
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 020 A000005 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.  
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 020 A000006 NUTMEG SECURITIES  
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 022 A000001 JP MORGAN CHASE  
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 022 A000002 GOLDMAN, SACHS & CO.  
 022 B000002 13-5108880  
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 022 A000003 FIRST BOSTON CORP  
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 022 A000004 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.  
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 PAGE 3  
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 022 B000008 34-1542819  
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 022 A000009 MRGAN, STANLEY AND CO.

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070 J010000 Y  
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 070 K010000 N  
 070 K020000 N  
 070 L010000 Y  
     PAGE 7  
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081	B000000	1
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087	A030000	MCI	
088	A000000	Y	
088	B000000	N	
088	C000000	N	
088	D000000	N	
SIGNATURE		JAMES M. ROY	
TITLE		V.P. AND C.F.O.	

EXHIBIT INDEX TO FORM N-SAR  
OF MASSMUTUAL CORPORATE INVESTORS  
FOR ANNUAL PERIOD ENDED DECEMBER 31, 2008

EXHIBIT NO.	DESCRIPTION
77B	Accountant's Report on Internal Controls
770	Transactions Effected Pursuant to Rule 10f-3
77Q2	Information Called for by Item 405 of Regulation S-K