

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 31, 2009

PAGE 1  
000 A000000 06/30/2009  
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  
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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  
003 000000 N  
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007 C010600 6  
007 C010700 7  
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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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 020 A000001 ALLEN & CO.  
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 022 A000003 GOLDMAN, SACHS & CO  
 022 B000003 13-5108880  
 022 C000003 17288  
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 022 A000004 BARCLAYS CAPITAL INC.  
 022 C000004 11187  
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 022 B000005 13-3214963  
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 022 A000007 SUNTRUST CAPITAL MARKET  
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 PAGE 3  
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 022 A000008 WACHOVIA SECURITIES LLC  
 022 B000008 34-1542819  
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 022 A000009 WEXLER VIDEO LLC  
 022 C000009 2244  
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087	A020000	576292106
087	A030000	MCI

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088 A000000 Y

088 B000000 N

088 C000000 N

088 D000000 N

SIGNATURE JAMES M. ROY

TITLE V.P. AND C.F.O.