

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 29, 2011

PAGE 1  
000 A000000 06/30/2011  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 MASSMUTUAL CORPORATE INVESTORS  
001 B000000 811-2183  
001 C000000 4132261000  
002 A000000 1500 MAIN STREET, P.O. BOX 15189  
002 B000000 SPRINGFIELD  
002 C000000 MA  
002 D010000 01115  
002 D020000 5189  
003 000000 N  
004 000000 N  
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007 A000000 N  
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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 LLC  
PAGE 2  
014 B000001 8-47589  
014 A000002 MML INVESTOR SERVICES, LLC  
014 B000002 8-27250  
014 A000003 OPPENHEIMER DISTRIBUTOR, INC.  
014 B000003 8-22992  
014 A000004 MML DISTRIBUTORS, LLC

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014 B000004 8-48203  
 015 A000001 STATE STREET BANK AND TRUST COMPANY  
 015 B000001 C  
 015 C010001 BOSTON  
 015 C020001 MA  
 015 C030001 02116  
 015 E010001 X  
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 022 A000001 BANCAMERICA ROBERTSON STEPHENS  
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 022 C000002 24614  
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 022 A000003 ROYAL BANK OF SCOTLAND PLC  
 022 C000003 20280  
 022 D000003 316  
 022 A000004 WACHOVIA SECURITIES  
 022 B000004 34-1542819  
 022 C000004 19056  
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 022 A000005 BARCLAY'S  
 022 C000005 12045  
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 022 A000006 CITIGROUP GLOBAL MARKETS  
 022 B000006 13-3214963  
 022 C000006 11399  
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 022 A000007 SUNTRUST BANK  
 022 C000007 10899  
 PAGE 3  
 022 D000007 0  
 022 A000008 GOLDMAN SACHS & CO  
 022 B000008 13-5108880  
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 022 A000009 MORGAN STANLEY  
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087	A010000	COMMON SHARES
087	A020000	576292106

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087 A030000 MCI  
088 A000000 Y  
088 B000000 N  
088 C000000 N  
088 D000000 Y

SIGNATURE JAMES M. ROY  
TITLE V.P. AND C.F.O.

EXHIBIT INDEX TO FORM N-SAR  
OF MASSMUTUAL CORPORATE INVESTORS  
FOR SEMI-ANNUAL PERIOD ENDED JUNE 30, 2011

EXHIBIT NO.	DESCRIPTION
770	Transactions Effected Pursuant to Rule 10f-3