

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 29, 2011

PAGE 1
000 A000000 06/30/2011
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
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
005 000000 N
006 000000 N
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007 C010300 3
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007 C010500 5
007 C010600 6
007 C010700 7
007 C010800 8
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007 C011000 10
008 A000001 BABSON CAPITAL MANAGEMENT LLC
008 B000001 A
008 C000001 801-241
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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
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 015 C030001 02116
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 022 A000003 ROYAL BANK OF SCOTLAND PLC
 022 C000003 20280
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 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
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 PAGE 3
 022 D000007 0
 022 A000008 GOLDMAN SACHS & CO
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 022 C000008 7477
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 022 A000009 MORGAN STANLEY
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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