

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 31, 2010

PAGE 1
000 A000000 06/30/2010
000 C000000 0000275694
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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
005 000000 N
006 000000 N
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007 C010600 6
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007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 BABSON CAPITAL MANAGEMENT LLC
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008 C000001 801-241
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008 D040001 5189
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.
012 B000001 84-1817
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013 A000001 KPMG LLP
013 B010001 BOSTON
013 B020001 MA
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013 B040001 2371
014 A000001 BABSON CAPITAL SECURITIES INC
PAGE 2
014 B000001 8-47589
014 A000002 MML INVESTOR SERVICES, INC.
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 CITIBANK, N.A.
 015 B000001 C
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 022 A000004 WACHOVIA SECURITIES LLC
 022 B000004 34-1542819
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 022 A000005 SUNTRUST CAPITAL MARKET
 022 C000005 10149
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 022 A000006 GOLDMAN, SACHS & CO
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 022 A000007 CITIGROUP
 PAGE 3
 022 B000007 13-3214963
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 022 A000008 FIRST BOSTON CORP
 022 B000008 13-5659485
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 022 A000009 MORGAN, STANLEY AND CO
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 022 D000009 1159
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087 A010000 COMMON SHARES
087 A020000 576292106
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, 2010

EXHIBIT NO.	DESCRIPTION
77Q1	By-Laws