

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 26, 2005

PAGE 1
000 A000000 06/30/2005
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000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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001 A000000 MASSMUTUAL CORPORATE INVESTORS
001 B000000 811-2183
001 C000000 4132261000
002 A000000 1500 MAIN STREET, SUITE 600
002 B000000 SPRINGFIELD
002 C000000 MA
002 D010000 01115
002 D020000 0001
003 000000 N
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007 C010600 6
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007 C010800 8
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007 C011000 10
008 A000001 BABSON CAPITAL MANAGEMENT LLC
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008 D020001 MA
008 D030001 01115
008 D040001 0001
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.
012 B000001 84-1817
012 C010001 DENVER
012 C020001 CO
012 C030001 80217
012 C040001 3673
013 A000001 KPMG LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02110
013 B040001 2371
PAGE 2
015 A000001 CITIBANK, N.A.
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY
015 C030001 10043
015 E010001 X

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018 000000 Y
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019 C000000 CIPIINVEST
020 A000001 LAZARD LTD.
020 B000001 98-0437848
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020 A000002 GOLDMAN, SACHS & CO.
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020 A000003 MERRILL, LYNCH ET AL
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020 A000005 FIRST BOSTON CORP.
020 B000005 13-5659485
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020 A000007 STATE STREET BANK
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020 A000008 J.P. MORGAN CHASE
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020 A000009 BEAR, STEARNS & CO.
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020 B000010 22-3660471
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022 A000003 MERRILL, LYNCH ET AL
022 B000003 13-5674085
PAGE 3
022 C000003 50283
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022 A000004 SHEARSON LEHMAN AMER EXP
022 B000004 13-2518466
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022 A000005 SALOMON SMITH BARNEY HOLD INC.
022 B000005 11-2418191
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022 A000006 FIRST BOSTON CORP.
022 B000006 13-5659485
022 C000006 32645
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022 A000007 KBC FINANCIAL SERVICES
022 B000007 13-4035459

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087	A020000	576292106
087	A030000	MCI
088	A000000	Y
088	B000000	N
088	C000000	N
088	D000000	N
SIGNATURE	CHARLES C. MCCOBB, JR.	
TITLE	V.P. AND C.F.O.	

EXHIBIT INDEX TO FORM N-SAR
OF MASSMUTUAL CORPORATE INVESTORS
FOR SEMI-ANNUAL PERIOD ENDED JUNE 30, 2005

EXHIBIT NO.	DESCRIPTION
77E	Legal Proceedings
770	Transactions Effected Pursuant to Rule 10f-3
77Q1(a)	Material Amendments to the Registrant's By-laws