

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 29, 2007

PAGE 1
000 A000000 06/30/2007
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, SUITE 600
002 B000000 SPRINGFIELD
002 C000000 MA
002 D010000 01115
002 D020000 5189
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
007 C010100 1
007 C010200 2
007 C010300 3
007 C010400 4
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 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
014 A000001 BABSON CAPITAL SECURITIES INC
014 B000001 8-47589
015 A000001 CITIBANK, N.A.
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

015 C030001 10043
015 E010001 X
018 000000 Y
019 A000000 Y
019 B000000 2
019 C000000 CIPIINVEST
020 A000001 FIRST BOSTON CORP
020 B000001 13-5659485
020 C000001 1
020 A000002 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.
020 B000002 13-5674085
020 C000002 1
020 A000003 SALOMON SMITH BARNEY HOLD INC
020 B000003 11-2418191
020 C000003 1
020 A000004 WACHOVIA SECURITIES LLC
020 B000004 34-1542819
020 C000004 0
020 A000005 CIBC WORLD MARKETS CORP.
020 B000005 13-2798343
020 C000005 0
020 A000006 JP MORGAN CHASE
020 B000006 13-4994650
020 C000006 0
020 A000007 GOLDMAN, SACHS & CO
020 B000007 13-5108880
020 C000007 0
020 A000008 LEHMAN BROTHERS, INC.
020 B000008 13-2518466
020 C000008 0
020 A000009 BEAR, STEARNS & CO
020 B000009 13-3299429
020 C000009 0
020 A000010 PIPER, JAFFRAY INC
020 B000010 41-0953246
020 C000010 0
021 000000 5
022 A000001 JP MORGAN CHASE
022 B000001 13-4994650
022 C000001 123328
022 D000001 3766
022 A000002 GOLDMAN, SACHS & CO
022 B000002 13-5108880
022 C000002 122517
022 D000002 89
PAGE 3
022 A000003 FIRST BOSTON CORP
022 B000003 13-5659485
022 C000003 41947
022 D000003 2538
022 A000004 CITIGROUP
022 B000004 13-3214963
022 C000004 44342
022 D000004 0
022 A000005 WACHOVIA SECURITIES LLC
022 B000005 34-1542819
022 C000005 37632
022 D000005 1018
022 A000006 LEHMAN BROTHERS, INC.
022 B000006 13-2518466
022 C000006 27466
022 D000006 50

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

022 A000007 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.
022 B000007 13-5674085
022 C000007 22784
022 D000007 681
022 A000008 HKW & COMPANY
022 B000008 13-1769063
022 C000008 6201
022 D000008 0
022 A000009 DIRECTED ELECTRONICS, INC.
022 B000009 65-0964171
022 C000009 1780
022 D000009 0
022 A000010 CONNECTICUT ELECTRIC, INC.
022 C000010 2502
022 D000010 0
023 C000000 434288
023 D000000 21502
024 000000 Y
025 A000001 LAZARD GROUP LLC
025 B000001 51-0278097
025 C000001 D
025 D000001 774
025 D000002 0
025 D000003 0
025 D000004 0
025 D000005 0
025 D000006 0
025 D000007 0
025 D000008 0
026 A000000 N
026 B000000 Y
026 C000000 N
026 D000000 Y
026 E000000 N
026 F000000 Y
PAGE 4
026 G010000 N
026 G020000 N
026 H000000 N
027 000000 N
028 A010000 0
028 A020000 0
028 A030000 0
028 A040000 0
028 B010000 0
028 B020000 0
028 B030000 0
028 B040000 0
028 C010000 0
028 C020000 0
028 C030000 0
028 C040000 0
028 D010000 0
028 D020000 0
028 D030000 0
028 D040000 0
028 E010000 0
028 E020000 0
028 E030000 0
028 E040000 0
028 F010000 0
028 F020000 0

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

028	F030000	0
028	F040000	0
028	G010000	0
028	G020000	0
028	G030000	0
028	G040000	0
028	H000000	0
030	A000000	0
030	B000000	0.00
030	C000000	0.00
031	A000000	0
031	B000000	0
032	000000	0
033	000000	0
035	000000	0
036	B000000	0
038	000000	0
042	A000000	0
042	B000000	0
042	C000000	0
042	D000000	0
042	E000000	0
042	F000000	0
042	G000000	0
042	H000000	0
	PAGE 5	
043	000000	0
044	000000	0
045	000000	Y
046	000000	N
047	000000	N
048	000000	0.000
048	A010000	0
048	A020000	0.000
048	B010000	0
048	B020000	0.000
048	C010000	0
048	C020000	0.000
048	D010000	0
048	D020000	0.000
048	E010000	0
048	E020000	0.000
048	F010000	0
048	F020000	0.000
048	G010000	0
048	G020000	0.000
048	H010000	0
048	H020000	0.000
048	I010000	0
048	I020000	0.000
048	J010000	0
048	J020000	0.000
048	K010000	0
048	K020000	0.000
049	000000	N
050	000000	N
051	000000	Y
052	000000	N
053	A000000	N
054	A000000	Y
054	B000000	Y
054	C000000	Y

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

054 D000000 N
054 E000000 N
054 F000000 N
054 G000000 Y
054 H000000 Y
054 I000000 N
054 J000000 Y
054 K000000 N
054 L000000 N
054 M000000 Y
054 N000000 N
054 O000000 Y
055 A000000 Y
055 B000000 N
056 000000 Y
PAGE 6
057 000000 N
058 A000000 N
059 000000 Y
060 A000000 Y
060 B000000 Y
061 000000 0
062 A000000 Y
062 B000000 0.0
062 C000000 0.0
062 D000000 0.0
062 E000000 0.0
062 F000000 0.0
062 G000000 0.0
062 H000000 0.0
062 I000000 2.1
062 J000000 0.0
062 K000000 0.0
062 L000000 0.0
062 M000000 0.0
062 N000000 0.0
062 O000000 0.0
062 P000000 84.4
062 Q000000 0.0
062 R000000 19.5
063 A000000 0
063 B000000 5.9
064 A000000 Y
064 B000000 Y
065 000000 N
066 A000000 Y
066 B000000 N
066 C000000 N
066 D000000 N
066 E000000 N
066 F000000 N
066 G000000 Y
067 000000 N
068 A000000 N
068 B000000 N
069 000000 N
070 A010000 Y
070 A020000 N
070 B010000 Y
070 B020000 Y
070 C010000 N
070 C020000 N

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

070 D010000 N
 070 D020000 N
 070 E010000 N
 070 E020000 N
 070 F010000 N
 PAGE 7
 070 F020000 N
 070 G010000 N
 070 G020000 N
 070 H010000 N
 070 H020000 N
 070 I010000 N
 070 I020000 N
 070 J010000 Y
 070 J020000 Y
 070 K010000 N
 070 K020000 N
 070 L010000 Y
 070 L020000 Y
 070 M010000 N
 070 M020000 N
 070 N010000 N
 070 N020000 N
 070 O010000 Y
 070 O020000 Y
 070 P010000 N
 070 P020000 N
 070 Q010000 N
 070 Q020000 N
 070 R010000 N
 070 R020000 N
 071 A000000 45738
 071 B000000 46623
 071 C000000 270101
 071 D000000 14
 072 A000000 6
 072 B000000 12538
 072 C000000 898
 072 D000000 0
 072 E000000 58
 072 F000000 1616
 072 G000000 0
 072 H000000 0
 072 I000000 18
 072 J000000 14
 072 K000000 0
 072 L000000 54
 072 M000000 90
 072 N000000 0
 072 O000000 0
 072 P000000 758
 072 Q000000 0
 072 R000000 48
 072 S000000 15
 072 T000000 0
 072 U000000 0
 072 V000000 0
 PAGE 8
 072 W000000 95
 072 X000000 2708
 072 Y000000 0
 072 Z000000 10786

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

072AA000000	4413
072BB000000	178
072CC010000	0
072CC020000	4407
072DD010000	4774
072DD020000	0
072EE000000	0
073 A010000	0.5200
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.0000
074 A000000	0
074 B000000	0
074 C000000	5463
074 D000000	218573
074 E000000	4839
074 F000000	34187
074 G000000	0
074 H000000	0
074 I000000	11661
074 J000000	2401
074 K000000	0
074 L000000	6229
074 M000000	13
074 N000000	283366
074 O000000	2242
074 P000000	810
074 Q000000	20000
074 R010000	0
074 R020000	0
074 R030000	0
074 R040000	1177
074 S000000	0
074 T000000	259137
074 U010000	9198001
074 U020000	0
074 V010000	28.17
074 V020000	0.00
074 W000000	0.0000
074 X000000	9430
074 Y000000	0
075 A000000	0
075 B000000	256869
076 000000	32.00
077 A000000	Y
077 O000000	Y
077 Q010000	N
PAGE 9	
077 Q020000	N
077 Q030000	N
078 000000	N
080 C000000	0
081 B000000	0
082 B000000	0
083 B000000	0
084 B000000	0
086 A010000	48
086 A020000	1607
086 B010000	0
086 B020000	0
086 C010000	0
086 C020000	0

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

086 D010000 0
086 D020000 0
086 E010000 0
086 E020000 0
086 F010000 0
086 F020000 0
087 A010000 COMMON SHARES
087 A020000 576292106
087 A030000 MCI
088 A000000 Y
088 B000000 N
088 C000000 N
088 D000000 N
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, 2007

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