

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 29, 2006

PAGE 1
000 A000000 06/30/2006
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 0001
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 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
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 CIPINVEST
020 A000001 ALLEN & COMPANY, INC.
020 B000001 13-4132953
020 C000001 24
020 A000002 JEFFERIES & CO., INC.
020 B000002 94-1737782
020 C000002 1
020 A000003 ICAP CORPORATES, LLC
020 B000003 13-3858854
020 C000003 0
020 A000004 GOLDMAN, SACHS & CO.
020 B000004 13-5108880
020 C000004 0
020 A000005 BANC OF AMERICA SECURITIES LLC
020 B000005 56-2058405
020 C000005 0
020 A000006 CREDIT SUISSE SECURITIES (USA) LLC
020 B000006 13-5659485
020 C000006 0
020 A000007 WACHOVIA SECURITIES LLC
020 B000007 34-1542819
020 C000007 0
020 A000008 LIQUIDNET, INC.
020 B000008 13-4095933
020 C000008 0
020 A000009 JP MORGAN CHASE
020 B000009 13-4994650
020 C000009 0
020 A000010 THOMAS WEISEL PARTNERS LLC
020 B000010 94-3310172
020 C000010 0
021 000000 27
022 A000001 GOLDMAN, SACHS & CO.
022 B000001 13-5108880
022 C000001 119370
022 D000001 1099
022 A000002 MERRILL, LYNCH, PIERCE, FENNER & SMITH INC.
022 B000002 13-5674085
022 C000002 91317
022 D000002 171
PAGE 3
022 A000003 JP MORGAN CHASE
022 B000003 13-4994650
022 C000003 76012
022 D000003 1764
022 A000004 CREDIT SUISSE SECURITIES (USA) LLC
022 B000004 13-5659485
022 C000004 73084
022 D000004 3954
022 A000005 CITIGROUP
022 B000005 13-3214963
022 C000005 36497
022 D000005 0
022 A000006 LEHMAN BROTHERS, INC.
022 B000006 13-2518466
022 C000006 34380
022 D000006 1737

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

022	A000007	BRAVO SPORTS HOLDING	
022	C000007	2504	
022	D000007	0	
022	A000008	FOWLER HOLDING, INC.	
022	C000008	2521	
022	D000008	0	
022	A000009	ONTARIO DRIVE & GEAR LTD.	
022	C000009	2518	
022	D000009	0	
022	A000010	RADIAC ABRASIVES, INC.	
022	C000010	2510	
022	D000010	0	
023	C000000	524936	
023	D000000	39657	
024	000000	N	
025	A000001	DELETE	
025	D000001	0	
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	
026	G010000	N	
026	G020000	N	
026	H000000	N	
027	000000	N	
028	A010000	0	
	PAGE	4	
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	
028	F030000	0	
028	F040000	0	
028	G010000	0	
028	G020000	0	
028	G030000	0	

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

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
043	000000	0
044	000000	0
045	000000	Y
046	000000	N
047	000000	N
	PAGE	5
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
054	D000000	N
054	E000000	N
054	F000000	N
054	G000000	Y
054	H000000	Y

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

054 I000000 N
 054 J000000 Y
 054 K000000 N
 054 L000000 N
 054 M000000 Y
 054 N000000 N
 054 O000000 Y
 055 A000000 N
 055 B000000 N
 056 000000 Y
 057 000000 N
 058 A000000 N
 059 000000 Y
 060 A000000 Y
 060 B000000 Y
 PAGE 6
 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 2.5
 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 80.1
 062 Q000000 0.0
 062 R000000 19.9
 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
 070 D010000 N
 070 D020000 N
 070 E010000 N
 070 E020000 N
 070 F010000 N

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

070 F020000 N
 070 G010000 N
 070 G020000 N
 070 H010000 N
 070 H020000 N
 PAGE 7
 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 52791
 071 B000000 47617
 071 C000000 248796
 071 D000000 19
 072 A000000 6
 072 B000000 11572
 072 C000000 981
 072 D000000 0
 072 E000000 0
 072 F000000 1585
 072 G000000 0
 072 H000000 0
 072 I000000 16
 072 J000000 0
 072 K000000 0
 072 L000000 56
 072 M000000 90
 072 N000000 0
 072 O000000 0
 072 P000000 758
 072 Q000000 0
 072 R000000 41
 072 S000000 40
 072 T000000 0
 072 U000000 0
 072 V000000 0
 072 W000000 14
 072 X000000 2600
 072 Y000000 0
 072 Z000000 9953
 072AA000000 15823
 PAGE 8
 072BB000000 947
 072CC010000 0
 072CC020000 1073
 072DD010000 4368

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

072DD020000	0
072EE000000	0
073 A010000	0.4800
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.0000
074 A000000	7341
074 B000000	0
074 C000000	6501
074 D000000	208739
074 E000000	5386
074 F000000	34329
074 G000000	0
074 H000000	0
074 I000000	8704
074 J000000	3182
074 K000000	0
074 L000000	5364
074 M000000	13
074 N000000	279559
074 O000000	0
074 P000000	804
074 Q000000	20000
074 R010000	0
074 R020000	0
074 R030000	0
074 R040000	1538
074 S000000	0
074 T000000	257217
074 U010000	9117418
074 U020000	0
074 V010000	28.21
074 V020000	0.00
074 W000000	0.0000
074 X000000	8365
074 Y000000	0
075 A000000	0
075 B000000	246645
076 000000	31.70
077 A000000	Y
077 O000000	Y
077 Q010000	N
077 Q020000	N
077 Q030000	N
078 000000	N
080 C000000	0
081 B000000	0
PAGE 9	
082 B000000	0
083 B000000	0
084 B000000	0
086 A010000	52
086 A020000	1554
086 B010000	0
086 B020000	0
086 C010000	0
086 C020000	0
086 D010000	0
086 D020000	0
086 E010000	0
086 E020000	0
086 F010000	0

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-A

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, 2006

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