

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 28, 2005

PAGE 1
000 B000000 12/31/2004
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
015 A000001 CITIBANK, N.A.
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY
015 C030001 10043
015 E010001 X

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

018 000000 Y
019 A000000 Y
019 B000000 2
019 C000000 CIPIINVEST
020 A000001 LAZARD FRERES AND CO.
020 B000001 13-5545100
020 C000001 1
020 A000002 CREDIT SUISSE FIRST BOSTON LLC
020 B000002 13-5659485
020 C000002 1
020 A000003 ALLEN & CO.
020 B000003 13-4132953
020 C000003 1
020 A000004 PRUDENTIAL SECURITIES INC.
020 B000004 22-2347336
020 C000004 1
020 A000005 SPEAR LEADS MFN
020 B000005 13-2730828
020 C000005 0
020 A000006 J.P. MORGAN CHASE
020 B000006 13-4994650
020 C000006 0
020 A000007 CHARLES SCHWAB
020 B000007 94-1737782
020 C000007 0
020 A000008 MERRILL, LYNCH ET AL
020 B000008 13-5674085
020 C000008 0
020 A000009 GOLDMAN, SACHS & CO.
020 B000009 13-5108880
020 C000009 0
020 A000010 WARBURG S.G. CO., INC.
020 B000010 13-3873456
020 C000010 0
021 000000 5
022 A000001 JP MORGAN CHASE
022 B000001 13-4994650
022 C000001 212759
022 D000001 4565
022 A000002 GOLDMAN, SACHS & CO.
022 B000002 13-5108880
022 C000002 137415
022 D000002 0
022 A000003 MERRILL, LYNCH ET AL
022 B000003 13-5674085
PAGE 3
022 C000003 93858
022 D000003 3264
022 A000004 SHEARSON LEHMAN AMER EXP
022 B000004 13-2518466
022 C000004 46597
022 D000004 1905
022 A000005 CREDIT SUISSE FIRST BOSTON LLC
022 B000005 13-5659485
022 C000005 37933
022 D000005 3109
022 A000006 FIRST CHICAGO CAPITAL MKT
022 B000006 36-3595942
022 C000006 29116
022 D000006 0
022 A000007 SALOMON SMITH BARNEY HOLD 1
022 B000007 11-2418191

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

022	C000007	15820
022	D000007	1341
022	A000008	KBC FINANCIAL SERVICES
022	B000008	13-4035459
022	C000008	1311
022	D000008	10665
022	A000009	JEFFERIES & CO., INC.
022	B000009	94-1737792
022	C000009	7013
022	D000009	3805
022	A000010	SPEAR, LEEDS & KELLOGG
022	B000010	13-2730828
022	C000010	323
022	D000010	7564
023	C000000	608127
023	D000000	45596
024	000000	N
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
	PAGE	4

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
028	F030000	0
028	F040000	0
028	G010000	0
028	G020000	0

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

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
043	000000	0
044	000000	0
045	000000	Y
046	000000	N
	PAGE	5
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	Y
053	B000000	N
053	C000000	N
054	A000000	Y
054	B000000	Y
054	C000000	Y
054	D000000	N
054	E000000	N

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

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 Y
 056 000000 Y
 057 000000 N
 058 A000000 N
 PAGE 6
 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 1.0
 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 91.7
 062 Q000000 0.0
 062 R000000 20.4
 063 A000000 0
 063 B000000 5.8
 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

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

070	E010000	N	
070	E020000	N	
070	F010000	N	
070	F020000	N	
070	G010000	N	
	PAGE	7	
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		132598
071	B000000		115871
071	C000000		216765
071	D000000		53
072	A000000	12	
072	B000000		21000
072	C000000		2539
072	D000000		0
072	E000000		0
072	F000000		2899
072	G000000		0
072	H000000		0
072	I000000		28
072	J000000		14
072	K000000		0
072	L000000		80
072	M000000		160
072	N000000		0
072	O000000		300
072	P000000		1595
072	Q000000		0
072	R000000		50
072	S000000		402
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		60
072	X000000		5588
	PAGE	8	
072	Y000000		0
072	Z000000		17949
072AA	000000		20692
072BB	000000		16037

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

072CC010000	19012
072CC020000	0
072DD010000	19330
072DD020000	0
072EE000000	0
073 A010000	2.1600
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.0000
074 A000000	4587
074 B000000	0
074 C000000	2252
074 D000000	200382
074 E000000	9710
074 F000000	27027
074 G000000	0
074 H000000	0
074 I000000	7855
074 J000000	1996
074 K000000	0
074 L000000	3713
074 M000000	0
074 N000000	257522
074 O000000	110
074 P000000	626
074 Q000000	29000
074 R010000	0
074 R020000	0
074 R030000	0
074 R040000	9281
074 S000000	0
074 T000000	218505
074 U010000	8978427
074 U020000	0
074 V010000	24.34
074 V020000	0.00
074 W000000	0.0000
074 X000000	10252
074 Y000000	0
075 A000000	0
075 B000000	206693
076 000000	28.50
077 A000000	Y
077 B000000	Y
077 E000000	Y
077 O000000	Y
077 Q010000	Y
	PAGE 9
077 Q020000	Y
077 Q030000	N
078 000000	N
080 A000000	NAT. UNION FIRE INSURANCE CO OF PITTSBURGH PA
080 B000000	NONE
080 C000000	1200
081 A000000	Y
081 B000000	1
082 A000000	N
082 B000000	0
083 A000000	N
083 B000000	0
084 A000000	N
084 B000000	0

Edgar Filing: MASSMUTUAL CORPORATE INVESTORS - Form NSAR-B

085 A000000 Y
085 B000000 N
086 A010000 106
086 A020000 2433
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
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 CHARLES C. MCCOBB, JR.
TITLE V.P. AND C.F.O.