

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 30, 2004

PAGE 1
000 A000000 06/30/2004
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000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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002 D020000 0001
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007 C010600 6
007 C010700 7
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007 C010900 9
007 C011000 10
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008 D030001 01115
008 D040001 0001
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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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 020 A000006 J.P. MORGAN CHASE
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 020 A000007 CHARLES SCHWAB
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 020 A000008 MERRILL, LYNCH ET AL
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 022 C000003 42580
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054 H000000 Y
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 054 J000000 Y
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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.

EXHIBIT INDEX TO FORM N-SAR
OF MASSMUTUAL CORPORATE INVESTORS
FOR SEMI-ANNUAL PERIOD ENDED JUNE 30, 2004

| EXHIBIT NO. | DESCRIPTION |
|-------------|-------------------|
| 77E | Legal Proceedings |