

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 29, 2008

PAGE 1
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000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
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007 C011000 10
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013 A000001 KPMG LLP
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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

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019 A000000 Y
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020 A000003 LEHMAN BROTHERS, INC.
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020 A000004 SALOMON SMITH BARNEY HOLD INC.
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PAGE 3
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022 A000007 MERRILL, LYNCH, PIERCE, FENNER & SMITH, INC.
022 B000007 13-5674085
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078 000000 N
 080 A000000 NATIONAL UNION FIRE INSURANCE COMPANY
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 080 C000000 1350
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 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 ANNUAL PERIOD ENDED DECEMBER 31, 2007

| EXHIBIT NO. | DESCRIPTION |
|-------------|--|
| 77B | Accountant's Report on Internal Controls |
| 770 | Transactions Effected Pursuant to Rule 10f-3 |
| 77Q2 | Information called for by Item 405 of Regulation S-K |