

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 28, 2007

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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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012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.
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012 C020001 CO
012 C030001 80217
012 C040001 3673
013 A000001 KPMG LLP
013 B010001 BOSTON
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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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020 A000001 ALLEN & COMPANY LLC
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020 A000003 JP MORGAN CHASE
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022 A000005 CITIGROUP
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022 A000006 LEHMAN BROTHERS, INC.
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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 DECEMBER 31, 2006

EXHIBIT NO.	DESCRIPTION
77B	Accountant's Report On Internal Controls
77O	Transactions Effected Pursuant to Rule 10f-3