

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-B

February 28, 2007

PAGE 1  
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007 C010800 8  
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008 A000001 BABSON CAPITAL MANAGEMENT LLC  
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012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.  
012 B000001 84-1817  
012 C010001 DENVER  
012 C020001 CO  
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012 C040001 3673  
013 A000001 KPMG LLP  
013 B010001 BOSTON  
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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 B000004 13-5108880  
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020 A000006 ICAP CORPORATES, LLC  
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020 A000007 BANC OF AMERICA SECURITIES LLC  
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022 A000006 LEHMAN BROTHERS, INC.  
022 B000006 13-2518466  
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087 A020000 576292106  
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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