

MASSACHUSETTS MUTUAL LIFE INSURANCE CO  
Form SC 13G/A  
February 13, 2009

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(AMENDMENT NO. 4) \*

MassMutual Corporate Investors  
(NAME OF ISSUER)

Common Shares  
(TITLE OF CLASS OF SECURITIES)

576292106  
(CUSIP NUMBER)

December 31, 2008  
(DATE OF EVENT WHICH REQUIRES FILING OF THIS STATEMENT)

Check the appropriate box to designate the rule pursuant to which this  
Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's  
initial filing on this form with respect to the subject class of securities, and  
for any subsequent amendment containing information which would alter the  
disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed  
to be "filed" for the purpose of Section 18 of the Securities Exchange Act of  
1934 ("Act") or otherwise subject to the liabilities of that section of the Act  
but shall be subject to all other provisions of the Act (however, see the  
Notes).

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CUSIP No. 576292106  
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1 NAMES OF REPORTING PERSONS:

Massachusetts Mutual Life Insurance Company

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)   
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Commonwealth of Massachusetts

	5	SOLE VOTING POWER	1,608,579
NUMBER OF	6	SHARED VOTING POWER	0
SHARES			
BENEFICIALLY	7	SOLE DISPOSITIVE POWER	1,608,579
OWNED BY			
EACH	8	SHARED DISPOSITIVE POWER	0
REPORTING			
PERSON			
WITH			

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,608,579

Massachusetts Mutual Life Insurance Company holds a \$30,000,000 Senior Fixed Rate Convertible Note that is convertible into an equivalent dollar amount of common shares.

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

14.72%

The conversion rate of the Senior Fixed Rate Convertible Note is based on the market price of MassMutual Corporate Investor's common shares, so Massachusetts Mutual Life Insurance Company's beneficial ownership may be slightly greater than or less than 10% at the end of any given month.

12 TYPE OF REPORTING PERSON

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Item 1(a) Name of Issuer:

MassMutual Corporate Investors





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Not applicable

Item 10 Certifications:

By signing below MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY certifies that, to the best of its knowledge and belief, the security referred to above was acquired and is held in the ordinary course of business and was not acquired and is not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and was not acquired and is not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of its knowledge and belief, MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY certifies that the information set forth in this statement is true, complete, and correct.

Dated: February 13, 2009

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

By: /s/ Christopher A. DeFrancis

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Name: Christopher A. DeFrancis  
Title: Vice President and Associate General Counsel