

MASSMUTUAL CORPORATE INVESTORS  
 Form 3  
 February 05, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL  
 OMB Number: 3235-0104  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name <b>and</b> Ticker or Trading Symbol	5. If Amendment, Date Original Filed(Month/Day/Year)
À Fields Jill Allyn			01/26/2007	MASSMUTUAL CORPORATE INVESTORS [MCI]	
(Last)	(First)	(Middle)		4. Relationship of Reporting Person(s) to Issuer	
BABSON CAPITAL MANAGEMENT LLC,À 1500 MAIN STREET PO BOX 15189				(Check all applicable)	
	(Street)			____ Director ____ 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line) __X__ Form filed by One Reporting Person ____ Form filed by More than One Reporting Person
				____ Officer __X__ Other (give title below) (specify below) Officer of Adviser	
SPRINGFIELD,À MAÀ 011155189					
(City)	(State)	(Zip)			

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Capital Stock	0	D	À

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
		Title			

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	Date Exercisable	Expiration Date		Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Babson Capital Non Qualified Thrift Plan	Â (1)(2)	Â (1)(2)	Capital Stock	2,089.84	\$ 0	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Fields Jill Allyn BABSON CAPITAL MANAGEMENT LLC 1500 MAIN STREET PO BOX 15189 SPRINGFIELD, MA 011155189	Â	Â	Â	Officer of Adviser

## Signatures

/s/ Fields, Jill A.                      02/05/2007

\_\_Signature of                              Date  
Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Exercisable only upon termination or retirement, however, holdings may be liquidated and invested into other investment options at each month. The derivative has no actual securities underlying the agreement, which is entirely notional.
- (2) Amount of securities beneficially owned includes shares issued pursuant to a dividend reinvestment plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.