

MASSMUTUAL CORPORATE INVESTORS

Form NSAR-A

August 26, 2005

PAGE 1  
000 A000000 06/30/2005  
000 C000000 0000275694  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 MASSMUTUAL CORPORATE INVESTORS  
001 B000000 811-2183  
001 C000000 4132261000  
002 A000000 1500 MAIN STREET, SUITE 600  
002 B000000 SPRINGFIELD  
002 C000000 MA  
002 D010000 01115  
002 D020000 0001  
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007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 BABSON CAPITAL MANAGEMENT LLC  
008 B000001 A  
008 C000001 801-241  
008 D010001 SPRINGFIELD  
008 D020001 MA  
008 D030001 01115  
008 D040001 0001  
012 A000001 SHAREHOLDER FINANCIAL SERVICES, INC.  
012 B000001 84-1817  
012 C010001 DENVER  
012 C020001 CO  
012 C030001 80217  
012 C040001 3673  
013 A000001 KPMG LLP  
013 B010001 BOSTON  
013 B020001 MA  
013 B030001 02110  
013 B040001 2371  
PAGE 2  
015 A000001 CITIBANK, N.A.  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10043  
015 E010001 X

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018 000000 Y  
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019 C000000 CIPIINVEST  
020 A000001 LAZARD LTD.  
020 B000001 98-0437848  
020 C000001 1  
020 A000002 GOLDMAN, SACHS & CO.  
020 B000002 13-5108880  
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020 A000003 MERRILL, LYNCH ET AL  
020 B000003 13-5674085  
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020 A000004 SOUTHCOAST CAPITAL CORP.  
020 B000004 72-1164960  
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020 A000005 FIRST BOSTON CORP.  
020 B000005 13-5659485  
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020 A000006 SOLOMON SMITH BARNEY HOLD INC.  
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020 A000007 STATE STREET BANK  
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020 A000008 J.P. MORGAN CHASE  
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020 A000009 BEAR, STEARNS & CO.  
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022 A000004 SHEARSON LEHMAN AMER EXP  
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022 A000005 SALOMON SMITH BARNEY HOLD INC.  
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022 A000007 KBC FINANCIAL SERVICES  
022 B000007 13-4035459

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054 A000000 Y  
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087	A020000	576292106
087	A030000	MCI
088	A000000	Y
088	B000000	N
088	C000000	N
088	D000000	N
SIGNATURE	CHARLES C. MCCOBB, JR.	
TITLE	V.P. AND C.F.O.	

EXHIBIT INDEX TO FORM N-SAR  
OF MASSMUTUAL CORPORATE INVESTORS  
FOR SEMI-ANNUAL PERIOD ENDED JUNE 30, 2005

EXHIBIT NO.	DESCRIPTION
77E	Legal Proceedings
770	Transactions Effected Pursuant to Rule 10f-3
77Q1(a)	Material Amendments to the Registrant's By-laws