

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>SAUER BRAD T</u> (Last) (First) (Middle) <u>3M CENTER</u> (Street) <u>ST. PAUL MN 55144-1000</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>3M CO [MMM]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) EXEC VP HEALTH CARE
	3. Date of Earliest Transaction (Month/Day/Year) <u>03/05/2012</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/05/2012		S		100 ⁽¹⁾	D	\$87.12	30,706	D	
Common Stock	03/05/2012		S		600 ⁽¹⁾	D	\$87.13	30,106	D	
Common Stock	03/05/2012		S		100 ⁽¹⁾	D	\$87.135	30,006	D	
Common Stock	03/05/2012		S		400 ⁽¹⁾	D	\$87.14	29,606	D	
Common Stock	03/05/2012		S		884 ⁽¹⁾	D	\$87.15	28,722	D	
Common Stock	03/05/2012		S		1,300 ⁽¹⁾	D	\$87.1528	27,422	D	
Common Stock	03/05/2012		S		100 ⁽¹⁾	D	\$87.1536	27,322	D	
Common Stock	03/05/2012		S		100 ⁽¹⁾	D	\$87.155	27,222	D	
Common Stock	03/05/2012		S		1,400 ⁽¹⁾	D	\$87.16	25,822	D	
Common Stock	03/05/2012		S		200 ⁽¹⁾	D	\$87.165	25,622	D	
Common Stock	03/05/2012		S		3,457 ⁽¹⁾	D	\$87.17	22,165	D	
Common Stock	03/05/2012		S		300 ⁽¹⁾	D	\$87.1725	21,865	D	
Common Stock	03/05/2012		S		200 ⁽¹⁾	D	\$87.175	21,665	D	
Common Stock	03/05/2012		S		1,150 ⁽¹⁾	D	\$87.18	20,515	D	
Common Stock	03/05/2012		S		200 ⁽¹⁾	D	\$87.1825	20,315	D	
Common Stock	03/05/2012		S		300 ⁽¹⁾	D	\$87.185	20,015	D	
Common Stock	03/05/2012		S		302 ⁽¹⁾	D	\$87.19	19,713	D	
Common Stock	03/05/2012		S		400 ⁽¹⁾	D	\$87.205	19,313	D	
Common Stock	03/05/2012		S		100 ⁽¹⁾	D	\$87.21	19,213	D	
Common Stock	03/05/2012		S		400 ⁽¹⁾	D	\$87.2125	18,813	D	
Common Stock	03/05/2012		S		400 ⁽¹⁾	D	\$87.25	18,413	D	
Common Stock	03/05/2012		S		200 ⁽¹⁾	D	\$87.275	18,213	D	
Common Stock	03/05/2012		S		80 ⁽¹⁾	D	\$87.3	18,133	D	
Common Stock	03/05/2012		S		200 ⁽¹⁾	D	\$87.3075	17,933	D	
Common Stock	03/05/2012		S		109 ⁽¹⁾	D	\$87.31	17,824	D	
Common Stock	03/05/2012		S		9 ⁽¹⁾	D	\$87.32	17,815	D	
Common Stock	03/05/2012		S		102 ⁽¹⁾	D	\$87.33	17,713	D	
Common Stock	03/05/2012		S		300 ⁽¹⁾	D	\$87.345	17,413	D	
Common Stock	03/05/2012		S		300 ⁽¹⁾	D	\$87.36	17,113	D	
Common Stock	03/05/2012		S		300 ⁽¹⁾	D	\$87.365	16,813	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Shares were sold pursuant to a Rule 10b5-1 trading plan dated February 15, 2012.

George Ann Biros, attorney-in-fact 03/06/2012
for Brad T. Sauer

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 4 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.