

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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>Harlan Joe E</u>  (Last) (First) (Middle) 3M CENTER  (Street) ST. PAUL MN 55144-1000  (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) X EXEC VP CONSUMER & OFFICE
	3. Date of Earliest Transaction (Month/Day/Year) 05/18/2011	
		6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person

**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	05/18/2011		S		100	D	\$94.1	14,181	D	
Common Stock	05/18/2011		S		100	D	\$94.11	14,081	D	
Common Stock	05/18/2011		S		100	D	\$94.12	13,981	D	
Common Stock	05/18/2011		S		100	D	\$94.13	13,881	D	
Common Stock	05/18/2011		S		100	D	\$94.14	13,781	D	
Common Stock	05/18/2011		S		100	D	\$94.15	13,681	D	
Common Stock	05/18/2011		S		100	D	\$94.17	13,581 <sup>(1)(2)</sup>	D	
Common Stock								1,103 <sup>(3)</sup>	I	By 401k/paesop Trust

**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				
Non-qualified Stock Option (Right to Buy)	\$84.4	05/18/2011		M			18,762	05/12/2005	05/09/2014	Common Stock	18,762	\$0	0	D	
Non-qualified Stock Option (Right to Buy)	\$76.8	05/18/2011		M			39,037	05/10/2006	05/08/2015	Common Stock	39,037	\$0	0	D	
Non-qualified Stock Option (Right to Buy)	\$87.35	05/18/2011		M			60,000	05/09/2007	05/09/2016	Common Stock	60,000	\$0	0	D	
Non-qualified Stock Option (Right to Buy)	\$84.78	05/18/2011		M			38,979	05/08/2008	05/08/2017	Common Stock	38,979	\$0	0	D	
Non-qualified Stock Option (Right to Buy)	\$77.18	05/18/2011		M			45,508	05/13/2009	05/13/2018	Common Stock	45,508	\$0	0	D	
Non-qualified Stock Option (Right to Buy)	\$54.11	05/18/2011		M			33,119	02/09/2010	02/08/2019	Common Stock	33,119	\$0	16,561	D	
Non-qualified Stock Option (Right to Buy)	\$78.72	05/18/2011		M			16,721	02/09/2011	02/07/2020	Common Stock	16,721	\$0	33,445	D	

**Explanation of Responses:**

- Includes shares acquired under 3M's General Employee Stock Purchase Plan.
- Includes shares acquired pursuant to 3M's Dividend Reinvestment Plan.
- Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

\*\* 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.**