Form 5								
February 06, 2018								
FORM 5			OMB AP	PROVAL				
	S SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549		OMB Number: Expires:	3235-0362 January 31, 2005				
to Section 16. Form 4 or Form 5 obligations may continue. See Instruction	FATEMENT OF CHANGES IN BEN OWNERSHIP OF SECURITIES	Estimated av burden hours response	verage					
1(b).Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,Form 3 HoldingsSection 17(a) of the Public Utility Holding Company Act of 1935 or SectionReported30(h) of the Investment Company Act of 1940TransactionsReported								
1. Name and Address of Reporting Person <u>*</u> Tobin Jack J	2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]	5. Relationship of Reporting Person(s) to Issuer						
(Last) (First) (Middle)	3. Statement for Issuer's Fiscal Year Ended	(Check	k all applicable)					
20 S. WACKER DRIVE	(Month/Day/Year) 12/31/2017	Director X Officer (give below) MD Chief		Owner · (specify ficer				
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joi	C C					
CHICAGO, IL 60606								

11CAGO,A 1LA 60606

Tobin Jack J

X Form Filed by One Reporting Person ____ Form Filed by More than One Reporting Person

(City)	(State) (A	Zip) Table	e I - Non-Deri	ivative Securities	Acquired, Disposed o	of, or Beneficial	ly 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) (A) or Amount (D)	Beneficially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock Class A	12/07/2017	Â	G <u>(1)</u>	210 D S	\$ 0 15,039	D	Â

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

Persons who respond to the collection of information **SEC 2270** contained in this form are not required to respond unless (9-02)the form displays a currently valid OMB control number.

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

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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)		ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. D S B O E I S F i (I
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
LB	Director	10% Owner	Officer	Other			
Tobin Jack J 20 S. WACKER DRIVE CHICAGO, IL 60606	Â	Â	MD Chief Accounting Officer	Â			
Signatures							
By: Margaret Austin Wright For: 3 Tobin	Jack J.	02/06/2018					

**Signature of Reporting Person

Date

Explanation of Responses:

* 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).

(1) Gift by reporting person to his adult children not living in his household.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.