FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL							
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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*  Tierney Robert J JR  2. Date of Event Requiring Statement (Month/Day/Year) 05/08/2019				nent	3. Issuer Name and Ticker or Trading Symbol  CME GROUP INC. [ CME ]								
(Last) (First) (Middle) 20 S. WACKER DRIVE				(	Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner					5. If Amendment, Date of Original Filed (Month/Day/Year)			
20 S. WACKER DRIVE					21	Officer (give title below)	С	Other (spe			6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street) CHICAGO	IL	60606								X		y One Reporting Person y More than One erson	
(City)	(State)	(Zip)											
Table I - Non-Derivative Securities Beneficially Owned													
1. Title of Security (Instr. 4)					nt of Securities ally Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)					
Common Stock Class A						7,500	I		Indirect				
Common Stock Class B1						1	D						
Common Stock Class B2					1		D						
Common Stock Class B3						1 D							
Common Stock Class B4					1 D								
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)													
1. Title of Derivative Security (Instr. 4)  2. Date Exercisable at Expiration Date (Month/Day/Year)			ate	Underlying Derivative Security (Instr. 4) Conve		rcise Form:		6. Nature of Indirect Beneficial Ownership (Instr. 5)					
			Date Exercisable	Expiration Date	Title		100	Amount or Number of Shares	Price of Derivation Securi	tive	Direct (D) or Indirect (I) (Instr. 5)		

Explanation of Responses:

By: Margaret Austin Wright For: Robert J Tierney Jr. 05/14/2019

\*\* Signature of Reporting Person Date

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

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.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).