

CME GROUP INC.
Form 5
February 14, 2017

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0362
Expires: January 31, 2015
Estimated average burden hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
Carey Charles P

(Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol
CME GROUP INC. [CME]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

20 S. WACKER DRIVE

(Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
12/31/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

CHICAGO, IL 60606

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

(City)	(State)	(Zip)	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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Amount	Price				
Common Stock Class A	Â	Â	Â	Â	Â	49,141.375	I	by Partnership (1)	
Common Stock Class A	Â	Â	Â	Â	Â	1,904	I	by Trust	
Common Stock Class B1	Â	Â	Â	Â	Â	1	I	by Partnership	
	Â	Â	Â	Â	Â	1	I		

Common Stock Class B2										by Partnership
Common Stock Class B3	^	^	^	^	^	^	1	I		by Partnership
Common Stock Class B4	^	^	^	^	^	^	1	I		by Partnership

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

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 control number.

SEC 2270 (9-02)

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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. of 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			
	Director	10% Owner	Officer	Other
Carey Charles P 20 S. WACKER DRIVE CHICAGO, IL 60606	^ X	^	^	^

Signatures

By: Margaret Austin Wright for Charles P. Carey 02/14/2017

__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).

This Form 5 is being filed to correct the number of shares of CME Group Class A and Class B common stock beneficially held by Mr. Carey. Mr. Carey is the principal of a trading firm that owns an aggregate of 49,141.375 shares of Class A common stock, one share of

- (1) Class B-1 common stock, one share of Class B-2 common stock, one share of Class B-3 common stock and one share of Class B-4 common stock. In addition to his indirect holdings through the trading firm, Mr. Carey beneficially owns an additional 1,904 shares of Class A common stock through a trust.

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.