

CEMEX SAB DE CV  
Form 6-K  
December 19, 2007

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

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**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 or 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

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Date of Report: December 19, 2007

CEMEX, S.A.B. de C.V.  
(Exact name of Registrant as specified in its charter)

CEMEX Corp.  
(Translation of Registrant's name into English)

United Mexican States  
(Jurisdiction of incorporation or organization)

Av. Ricardo Margáin Zozaya #325, Colonia Valle del Campestre  
Garza García, Nuevo León, México 66265  
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

N/A

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**Contents**

1. Press release, dated December 16, 2007 announcing CEMEX, S.A.B. de C.V. (NYSE: CX) guidance for the fourth quarter of 2007.
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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.  
(Registrant)

Date: December 19, 2007

By: /s/ Ramiro Villarreal  
Name: Ramiro Villarreal  
Title: General Counsel

**EXHIBIT INDEX**

| <u>EXHIBIT NO.</u> | <u>DESCRIPTION</u>  |
|--------------------|---|
| 1.                 | Press release, dated December 16, 2007 announcing CEMEX, S.A.B. de C.V. (NYSE: CX) guidance for the fourth quarter of 2007. |