

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

FORM 6-K

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

For the month of April, 2012

Commission File Number: 001-14946

CEMEX, S.A.B. de C.V.

(Translation of Registrant's name into English)

Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre
Garza García, Nuevo León, México 66265

(Address of principal executive office)

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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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CEMEX FILES ANNUAL REPORT ON FORM 20-F FOR FISCAL YEAR 2011

MONTERREY, MEXICO, APRIL 30, 2012 – CEMEX, S.A.B. de C.V. ("CEMEX") (NYSE: CX), announced today that it has filed its annual report for the fiscal year ended December 31, 2011 on Form 20-F with the United States Securities and Exchange Commission (the "SEC").

The annual report on Form 20-F is available on CEMEX's website via the following link: http://www.cemex.com/InvestorCenter/files/2011/CEMEX2011_20F.pdf and is also available on the SEC website at <http://www.sec.gov>. CEMEX will provide a hard copy of its annual report on Form 20-F, including audited financial statements, free of charge to its shareholders and ADS holders upon request. Requests should be directed to CEMEX Investor Relations at (212) 317-6000 or ir@cemex.com.

CEMEX is a global building materials company that provides high-quality products and reliable service to customers and communities in more than 50 countries throughout the world. CEMEX has a rich history of improving the well-being of those it serves through its efforts to pursue innovative industry solutions and efficiency advancements and to promote a sustainable future.

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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: April 30, 2012

By: /s/ Rafael Garza
Name: Rafael Garza
Title: Chief Comptroller