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 October 2024

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 San Pedro Garza García, Nuevo León, 66265 México (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 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):

Contents

Cemex announced today that it will report its third quarter 2024 results on Monday, October 28, 2024, and host a conference call and a live audio webcast presentation to discuss the results on that same date at 11:00 a.m. U.S. Eastern Time (09:00 a.m. Mexico Central Time). Cemex's live presentation can be accessed, and dial-in information is available, at www.cemex.com.

###

While Cemex does not expect any issues during Cemex's third quarter 2024 results conference call and audio webcast presentation, we may experience technical difficulties or interruptions that might arise due to unforeseen events or issues beyond Cemex's control including, but not limited to, using certain methods for the conference call and audio webcast that Cemex may have not used in the past. However, all materials related to Cemex's third quarter 2024 results, which will include relevant information, are expected to be posted in Cemex's website (www.cemex.com) and filed with the Mexican Stock Exchange (Bolsa Mexicana de Valores) and U.S. Securities and Exchange Commission before the conference call and audio webcast presentation.

Except as the context otherwise may require, references in this report to "Cemex," "we," "us," or "our," refer to Cemex, S.A.B. de C.V. (NYSE: CX) and its consolidated entities. The information to be disclosed in the reports, presentations, and documents, and the current or future events referenced herein may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. We intend these forward-looking statements to be covered by the "safe harbor" provisions for forwardlooking statements within the meaning of the US Private Securities Litigation Reform Act of 1995. These forward-looking statements and information are necessarily subject to risks, uncertainties, and assumptions, including but not limited to statements related to Cemex's plans, objectives, and expectations (financial or otherwise), and typically can be identified by the use of words such as "will," "may," "assume," "might," "should," "could," "continue," "would," "can," "consider," "anticipate," "estimate," "expect," "envision," "plan," "believe," "foresee," "predict," "potential," "target," "strategy," "intend," "aimed", or other similar forward-looking words. These forward-looking statements reflect, as of the date such forward-looking statements are made, unless otherwise indicated, our current expectations and projections about future events based on our knowledge of present facts and circumstances and assumptions about future events. Although Cemex believes that its expectations are reasonable, it can give no assurance that these expectations will prove to be correct, and actual results may vary materially from historical results or those anticipated by forward-looking statements due to various factors. Among others, such risks, uncertainties, and assumptions that could cause results to differ, or that otherwise could have an impact on us, include those discussed in Cemex's most recent annual report and those detailed from time to time in Cemex's other filings with the Securities and Exchange Commission and the Mexican Stock Exchange (Bolsa Mexicana de Valores), which factors are incorporated herein by reference, including, but not limited to: changes in general economic, political and social conditions, including new governments, elections, changes in inflation, interest and foreign exchange rates, employment levels, population growth, consumer confidence and the liquidity of the financial and capital markets, in Mexico or other countries in which we operate; the cyclical activity of the construction sector and reduced construction activity in our end markets; our exposure to sectors that impact our and our clients' businesses, particularly those operating in the commercial and residential construction sectors, and the infrastructure and energy sectors; volatility in pension plan asset values and liabilities, which may require cash contributions to the pension plans; changes in spending levels for residential and commercial construction; the availability of shortterm credit lines or working capital facilities, which can assist us in connection with market cycles; any impact of not maintaining investment grade debt rating on our cost of capital and on the cost of the products and services we purchase; availability of raw materials and related fluctuating prices of raw materials, as well as of goods and services in general, in particular increases in prices as a result of inflation; our ability to maintain and expand our distribution network and maintain favorable relationships with third parties who supply us with equipment and essential suppliers; competition in the markets in which we offer our products and services; the impact of environmental cleanup costs and other remedial actions, and other liabilities relating to existing and/or divested businesses; our ability to secure and permit aggregates reserves in strategically located areas; the timing and amount of federal, state, and local funding for infrastructure; changes in our effective tax rate; our ability to comply and implement technologies that aim to reduce CO2 emissions in jurisdictions with carbon regulations in place; the legal and regulatory environment, including environmental, energy, tax, antitrust, human rights and labor welfare, acquisition-related rules and regulations; the effects of currency fluctuations on our results of operations and financial conditions; our ability to satisfy our obligations under our material debt agreements, the indentures that govern our outstanding notes, and our other debt instruments and financial obligations, including our subordinated notes with no fixed maturity; adverse legal or regulatory proceedings or disputes, such as class actions or enforcement or other proceedings brought by government and regulatory agencies; our ability to protect our reputation; our ability to consummate asset sales, fully integrate newly acquired businesses, achieve cost-savings from our cost-reduction initiatives, implement our pricing initiatives for our products, and generally meet our business strategy's goals; the increasing reliance on information technology infrastructure for our sales, invoicing, procurement, financial statements, and other processes that can adversely affect our sales and operations in the event that the infrastructure does not work as intended, experiences technical difficulties, or is subjected to invasion, disruption, or damage caused by circumstances beyond our control, including cyber-attacks, catastrophic events, power outages, natural disasters, computer system or network failures, or

other security breaches; climate change, in particular reflected in weather conditions, including but not limited to excessive rain and snow, and disasters such as earthquakes and floods, that could affect our facilities or the markets in which we offer our products and services or from where we source our raw materials; trade barriers, including tariffs or import taxes and changes in existing trade policies or changes to, or withdrawals from, free trade agreements, including the United States-Mexico-Canada Agreement; availability and cost of trucks, railcars, barges, and ships, as well as their licensed operators and drivers, for transport of our materials; labor shortages and constraints; our ability to hire, effectively compensate and retain our key personnel and maintain satisfactory labor relations; our ability to detect and prevent money laundering, terrorism financing and corruption, as well as other illegal activities; terrorist and organized criminal activities, social unrest, as well as geopolitical events, such as hostilities, war, and armed conflicts, including the current war between Russia and Ukraine and conflicts in the Middle East; the impact of pandemics, epidemics, or outbreaks of infectious diseases and the response of governments and other third parties, which could adversely affect, among other matters, the ability of our operating facilities to operate at full or any capacity, supply chains, international operations, availability of liquidity, investor confidence and consumer spending, as well as the availability of, and demand for, our products and services; changes in the economy that affect demand for consumer goods, consequently affecting demand for our products and services; the depth and duration of an economic slowdown or recession, instability in the business landscape and lack of availability of credit; declarations of insolvency or bankruptcy, or becoming subject to similar proceedings; and, natural disasters and other unforeseen events (including global health hazards such as COVID-19). Many factors could cause Cemex's expectations, expected results, and/or projections expressed in the reports and documents to be disclosed in the events referenced herein not being reached and/or not producing the expected benefits and/or results, as any such benefits or results are subject to uncertainties, costs, performance, and rate of implementation of technologies, some of which are yet not proven. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from historical results, performance, or achievements and/or results, performance or achievements expressly or implicitly anticipated by the forward-looking statements, or otherwise could have an impact on us or our consolidated entities. Forward-looking statements should not be considered guarantees of future performance, nor the results or developments are indicative of results or developments in subsequent periods. Actual results of Cemex's operations and the development of market conditions in which Cemex operates, or other circumstances or assumptions suggested by such statements may differ materially from those described in, or suggested by, the forward-looking statements contained in the information to be disclosed in the reports, documents, and events referenced herein. Any or all of Cemex's forward-looking statements may turn out to be inaccurate and the factors identified above are not exhaustive. Accordingly, undue reliance on forwardlooking statements should not be placed, as such forward-looking statements speak only as of the dates on which they are made. These factors may be revised or supplemented and the information to de disclosed in the reports, documents and events referenced herein is subject to change without notice, but Cemex is not under, and expressly disclaims, any obligation to update or correct the information contained in this report or the documents to be disclosed in the events referenced herein, or revise any forward-looking statement that it may make from time to time, whether as a result of new information, future events or otherwise, or to reflect the occurrence of anticipated or unanticipated events or circumstances. Readers should review future reports filed by us with the U.S. Securities and Exchange Commission and the Mexican Stock Exchange (Bolsa Mexicana de Valores). Market data used in the reports, presentations, and documents referenced herein not attributed to a specific source are estimates of Cemex and have not been independently verified. Certain financial and statistical information contained in this document is subject to rounding adjustments. Accordingly, any discrepancies between the totals and the sums of the amounts listed are due to rounding.

The reports, presentations, and documents to be disclosed during Cemex's third quarter 2024 results conference call and audio webcast presentation include certain non-IFRS financial measures that differ from financial information presented by Cemex in accordance with IFRS in its financial statements and reports containing financial information. The aforementioned non-IFRS financial measures include "Operating EBITDA (operating earnings before other expenses, net plus depreciation and amortization)" and "Operating EBITDA Margin". The closest IFRS financial measure to Operating EBITDA is "Operating earnings before other expenses, net", as Operating EBITDA adds depreciation and amortization to the IFRS financial measure. Our Operating EBITDA Margin is calculated by dividing our Operating EBITDA for the period by our revenues as reported in our financial statements. We believe there is no close IFRS financial measure to compare Operating EBITDA Margin. These non-IFRS financial measures are designed to complement and should not be considered superior to financial measures calculated in accordance with IFRS. Although Operating EBITDA and Operating EBITDA Margin are not measures of operating performance, an alternative to cash flows or a measure of financial position under IFRS, Operating EBITDA is the financial measure used by Cemex's management to review operating performance and profitability, for decision-making purposes and to allocate resources. Moreover, our Operating EBITDA is a measure used by Cemex's creditors to review our ability to internally fund capital expenditures, service or incur debt and comply with financial covenants under our financing agreements. Furthermore, Cemex's management regularly reviews our Operating EBITDA Margin by reportable segment and on a consolidated basis as a measure of performance and profitability. These non-IFRS financial measures do not have any standardized meaning and are therefore unlikely to be comparable to similarly titled measures presented by other companies. Non-IFRS financial measures presented in the reports, presentations, and documents to be disclosed during Cemex's third quarter 2024 results conference call and audio webcast presentation are being provided for informative purposes only and shall not be construed as investment, financial, or other advice.

Also, the reports, presentations, and documents to be disclosed during Cemex's third quarter 2024 results conference call and audio webcast presentation include statistical data regarding the production, distribution, marketing and sale of cement, ready-mix concrete, clinker, aggregates, and Urbanization Solutions. Cemex generated some of this data internally, and some was obtained from independent industry publications and reports that Cemex believes to be reliable sources. Cemex has not independently verified this data nor sought the consent of any organization to refer to their reports in the reports, presentations, and documents to be disclosed in the events referenced herein. Cemex acts in strict compliance of antitrust laws and as such, among other measures, maintains an independent pricing policy that has been

independently developed and its core element is to price Cemex's products and services based upon their quality and characteristics as well as their value to Cemex's customers. Cemex does not accept any communications or agreements of any type with competitors regarding the determination of Cemex's prices for Cemex's products and services. Unless the context indicates otherwise, all references to pricing initiatives, price increases or decreases, refer to Cemex's prices for Cemex's products.

Additionally, the information to be disclosed in the reports and documents during Cemex's third quarter 2024 results conference call and audio webcast presentation contain references to "green," "social," "sustainable," or equivalent-labelled activities, products, assets, or projects. There is currently no single globally recognized or accepted, consistent, and comparable set of definitions or standards (legal, regulatory, or otherwise) of, nor widespread cross-market consensus i) as to what constitutes, a 'green', 'social,' or 'sustainable' or having equivalent-labelled activity, product, or asset; or ii) as to what precise attributes are required for a particular activity, product, or asset to be defined as 'green', 'social,' or 'sustainable' or such other equivalent label; or iii) as to climate and sustainable funding and financing activities and their classification and reporting. Therefore, there is little certainty, and no assurance or representation is given that such activities and/or reporting of those activities will meet any present or future expectations or requirements for describing or classifying funding and financing activities as 'green', 'social', or 'sustainable' or attributing similar labels. We expect policies, regulatory requirements, standards, and definitions to be developed and continuously evolve over time.

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: October 15, 2024

By: /s/ Rafael Garza

Name: Rafael Garza Title: Chief Comptroller