

# The economic consequences of COVID-19 in Mexico

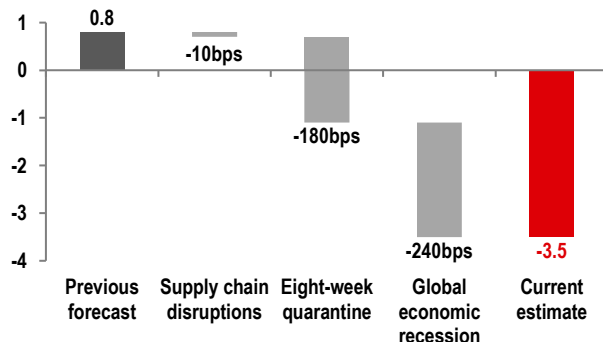
- The world is experiencing very turbulent and highly uncertain times
- We update our 2020 macroeconomic framework for year 2020
- Our research team now estimates a contraction of GDP in Mexico of 3.5% in 2020, assuming a 2.3% decline in the US this year
- We anticipate a USD/MXN exchange rate of 22.00 for year-end 2020, while we keep our annual CPI inflation forecast at 3.6%
- It is now our take that Banxico will cut the reference rate all the way down to 5.50% this year

**Turbulent and highly uncertain times.** Forecasting economic variables is usually a very hard job, and it is even harder during highly turbulent and uncertain times, like the ones the world is experiencing today. However, with the information we have available today, we update our macroeconomic framework for year 2020, and provide our forecasts for year 2021, as well. Even though we were indeed anticipating a global economic recession, we were not expecting it until year 2021. It all seems now the new Coronavirus is bringing the global recession forward this year.

**Macroeconomic framework update.** Even though we had a high degree of conviction in our 0.8% GDP forecast for year 2020 in Mexico, the COVID-19 pandemic –which arrives at a time of global economic cycle exhaustion– will have a significant impact on the global economy. In this context, we now anticipate a contraction of GDP in Mexico of 3.5% this year, assuming a 2.3% decline in US GDP. In the chart below on the left, we depicted the three underlying reasons why we are revising our forecast downwards: (1) A global supply chain disruption, already happening; (2) an eight-week full quarantine in Mexico; and (3) an impact of a global economic recession, in several aspects, similar to the one in the Global Financial Crisis (GFC) back in 2008-2009. In the table on the right, we update our USD/MXN, CPI inflation, and monetary policy reference rate projections for year-end 2020, and 2021.

**GDP estimate for 2020**

% y/y, contributions to the annual change in basis points



Source: Banorte

**Macroeconomic forecasts for 2020 and 2021**

Variable	2020		2021
	Current	Previous	Current
US GDP (% y/y)	-2.3	1.8	1.5
Mexico GDP (% y/y)	-3.5	0.8	1.0
Mexican peso (USD/MXN)	22.00	19.80	21.00
Inflation (% y/y)	3.6	3.6	4.2
Reference rate (%)	5.50	6.50	5.00

Source: Banorte

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**COVID-19 and the shape of recovery.** The duration and depth of the recession is quite unclear yet. More so because there is no perfect foresight about how fast COVID-19 spreads in different countries, with different public health policy responses. As a result, we do not know if the world will face a V-shaped or an L-shaped recovery. The L-shaped recovery happens when consumers and businessmen decide not to purchase or invest in certain goods or services, once the shock is over, if economic perspectives ahead are not rosy. It is likely that the US will face a V-shaped recovery, particularly because of the plethora of adjustment measures that both, the US government, and the US Fed are implementing. Nevertheless, even though these policies will help the world economy and the Mexican economy to recover, the lack of fiscal and monetary policy space in Mexico will probably not foster such a vigorous recovery. In this context, we are forecasting GDP growth of 1% in year 2021.

**An optimistic appraisal of economic growth in the light of the GFC?** GDP in Mexico registered a contraction of 5.3% in year 2009, while US GDP fell 2.5%. So, the question is why we are projecting a -3.5% growth forecast for this year in Mexico, while we are forecasting -2.3% GDP growth in the US. Should not be a number closer to -5%, given what happened back in 2009? In our view, the answer is no because of three important differences now *vis-à-vis* the GFC: (1) We are not anticipating massive banking failures in any advanced economy this time, as it happened back in 2008-2009; (2) GDP in Mexico and the US are not as highly correlated as they used to. In other words, the correlation between GDP of the two countries was 0.88 in the 2001-2019 time period. This came down to 0.06 in the 2010-2019 timespan, despite there is no doubt that both countries are highly integrated, particularly in the manufacturing sector; and (3) the Mexican economy has already suffered a considerable deceleration since year 2018. These abovementioned factors are the underlying reasons why we believe Mexico GDP growth has a limited downside this year, *vis-à-vis* the GFC.

**Exchange rate and inflation.** In our view, USD/MXN exchange rate is currently far away from our country's macro fundamentals. Our long-term equilibrium models suggest that it should be closer to the 21-22 pesos per US dollar interval. This is why we are forecasting this relative price to gradually go back to the aforementioned levels, to reach 22.00 pesos per dollar by year-end 2020, and 21.00 by YE21. Shifting gears to inflation, we keep our 3.6% 12-month CPI inflation projection unchanged for the end of this year, mainly explained by two factors: (1) Even though the peso depreciation adds pressure to several important CPI components, we believe the exchange rate passthrough to inflation has declined significantly compared to the nineties or even with respect to the beginning of this century (please see the gray box on the right). Therefore, we estimate an impact of 35 basis points (bps) to headline inflation; however, (2) energy prices have plummeted. Nobody really knows how long this situation will hold. However, we see not much upside risks, given the recessionary environment the world is currently living. This, in our view, will subtract 35bps from headline inflation, allowing us to leave our 3.6% forecast unchanged. Going forward, we expect inflation to end 2021 at 4.2%, mainly explained by a base of comparison effect.

#### Lower FX-inflation passthrough

We have not only observed that the FX-inflation passthrough in Mexico has been declining since year 2004. We have studied this phenomenon, thoroughly and arrived at the following general conclusion. In the nineties up to year 2004, a 10% depreciation of the peso *vis-à-vis* the US dollar had an impact of 100bps on headline inflation. This happened in a three-month timespan, and economic activity did not matter at all. Nevertheless, after year 2004, the very same 10% depreciation of the peso vs dollar has had an impact of only 25bps on headline inflation, distributed in a nine-month time span, and economic activity matters in terms of the magnitude of the passthrough.

**Monetary policy call.** In an environment observing a significant GDP contraction and local currency depreciation *vis-à-vis* the US dollar, but with controlled inflation, we expect *Banco de México* to continue cutting the reference rate by 100bps this year (in addition to what they did today in an intra-meeting fashion), taking it all the way down to 5.50% by year-end. This is an important change to our monetary policy call, as we were previously expecting the reference rate to end this year at 6.50%, today's current level. It is our take that the monetary policy committee will do as much as they can to help the Mexican economy to adjust to the current global shock, in a scenario of moderate inflation, not allowing the exchange rate to deviate much from its longer-term macro fundamentals, particularly in episodes of low liquidity.

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We, Gabriel Casillas Olvera, Delia Maria Paredes Mier, Alejandro Padilla Santana, Manuel Jiménez Zaldívar, Tania Abdul Massih Jacobo, Katia Celina Goya Ostos, Juan Carlos Alderete Macal, Víctor Hugo Cortes Castro, Marissa Garza Ostos, Miguel Alejandro Calvo Domínguez, Hugo Armando Gómez Solís, Gerardo Daniel Valle Trujillo, José Itzamna Espitia Hernández, Valentín III Mendoza Balderas, Santiago Leal Singer, Francisco José Flores Serrano, Luis Leopoldo López Salinas, Jorge Antonio Izquierdo Lobato, Eridani Ruibal Ortega and Leslie Thalia Orozco Vélez, certify that the points of view expressed in this document are a faithful reflection of our personal opinion on the company (s) or firm (s) within this report, along with its affiliates and/or securities issued. Moreover, we also state that we have not received, nor receive, or will receive compensation other than that of Grupo Financiero Banorte S.A.B. of C.V for the provision of our services.

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