

**CAMACRO**  
**Centro de Análisis Macroeconómico**  
**Un Modelo de Simulación Epidemiológico**  
**Estimación de contagios y decesos por COVID-19 en México y el Mundo**  
**2020 -2022**

*Informe Mensual Núm. 3 / Marzo 2021*

**Ricardo Peltier San Pedro**

Director General

[www.camacro.com.mx](http://www.camacro.com.mx)

[ricardopeltier@icloud.com](mailto:ricardopeltier@icloud.com)

**Fecha de actualización: 8 de marzo de 2021**

**Caítulo A**  
**MUNDO**  
**Contagios y decesos por COVID-19**  
**2020-2022**

**Cuadro A-1**  
**Mundo: Contagios y decesos por COVID-19**

*(Cuadro actualizado el 8 de marzo de 2021)*

| AÑO  | MES        | Población Mundial | Virus SARS- CoV-2     |             |                     |           | Supuestos del Modelo de Simulación |                                          |                                        |                                           |                                                |                            |
|------|------------|-------------------|-----------------------|-------------|---------------------|-----------|------------------------------------|------------------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------|----------------------------|
|      |            |                   | Contagios confirmados |             | Decesos confirmados |           | % de Letalidad                     | Tasa de Mortalidad                       | Uso universal de mascarilla (Meta 95%) | Distanciamiento social (Movilidad Google) | Tasa de vacunación (Meta: 75% de la población) |                            |
|      |            |                   | Mensual               | Acumulado   | Mensual             | Acumulado | Decesos / Contagios                | Una persona por cada cien mil habitantes |                                        |                                           | Población vacunada                             | % de la población vacunada |
| 2020 | Enero      | 7,761,771,732     | 9,927                 | 9,927       | 213                 | 213       | 2.1                                | 0.0                                      |                                        |                                           |                                                |                            |
|      | Febrero    | 7,768,513,847     | 76,086                | 86,013      | 2,729               | 2,942     | 3.6                                | 0.0                                      | 25                                     | -11.1                                     |                                                |                            |
|      | Marzo      | 7,775,255,963     | 789,781               | 875,794     | 41,586              | 44,528    | 5.3                                | 0.5                                      | 30                                     | -22.9                                     | No                                             | No                         |
|      | Abril      | 7,781,998,078     | 2,404,055             | 3,279,849   | 192,887             | 237,415   | 8.0                                | 2.5                                      | 57                                     | -52.9                                     | No                                             | No                         |
|      | Mayo       | 7,788,740,194     | 2,908,330             | 6,188,179   | 137,609             | 375,024   | 4.7                                | 1.8                                      | 62                                     | -40.5                                     | No                                             | No                         |
|      | Junio      | 7,795,482,309     | 4,269,657             | 10,457,836  | 133,138             | 508,162   | 3.1                                | 1.7                                      | 60                                     | -28.3                                     | No                                             | No                         |
|      | Julio      | 7,802,147,503     | 7,146,442             | 17,604,278  | 167,294             | 675,456   | 2.3                                | 2.1                                      | 60                                     | -25.5                                     | No                                             | No                         |
|      | Agosto     | 7,808,812,697     | 7,903,509             | 25,507,787  | 175,532             | 850,988   | 2.2                                | 2.2                                      | 59                                     | -22.9                                     | No                                             | No                         |
|      | Septiembre | 7,815,477,890     | 8,500,351             | 34,008,138  | 163,877             | 1,014,865 | 1.9                                | 2.1                                      | 59                                     | -19.7                                     | No                                             | No                         |
|      | Octubre    | 7,822,143,084     | 12,126,894            | 46,135,032  | 181,778             | 1,196,643 | 1.5                                | 2.3                                      | 60                                     | -18.8                                     | No                                             | No                         |
|      | Noviembre  | 7,828,808,278     | 17,260,045            | 63,395,077  | 274,787             | 1,471,430 | 1.6                                | 3.5                                      | 61                                     | -18.1                                     | No                                             | No                         |
|      | Diciembre  | 7,835,473,472     | 20,126,782            | 83,521,859  | 353,236             | 1,824,666 | 1.8                                | 4.5                                      | 62                                     | -15.6                                     | 5,355,585                                      | 0.07                       |
| 2021 | Enero      | 7,842,138,665     | 19,445,486            | 102,967,345 | 410,519             | 2,235,185 | 2.1                                | 5.2                                      | 63                                     | -21.2                                     | 59,292,963                                     | 0.76                       |
|      | Febrero    | 7,848,803,859     | 11,141,841            | 114,109,186 | 296,570             | 2,531,755 | 2.7                                | 3.8                                      | 63                                     | -19.3                                     | 147,769,455                                    | 1.88                       |
|      | Marzo      | 7,855,469,053     | 8,517,432             | 122,626,618 | 247,397             | 2,779,152 | 2.9                                | 3.1                                      | 63                                     | -19.5                                     | 196,386,726                                    | 2.50                       |
|      | Abril      | 7,862,134,247     | 6,570,600             | 129,197,218 | 227,024             | 3,006,176 | 3.5                                | 2.9                                      | 62                                     | -20.1                                     | 294,830,034                                    | 3.75                       |
|      | Mayo       | 7,868,799,440     | 5,046,696             | 134,243,914 | 200,835             | 3,207,011 | 4.0                                | 2.6                                      | 61                                     | -20.0                                     | 413,111,971                                    | 5.25                       |
|      | Junio      | 7,875,464,634     | 3,934,689             | 138,178,603 | 170,438             | 3,377,449 | 4.3                                | 2.2                                      | 58                                     | -19.9                                     | 618,223,974                                    | 7.85                       |
|      | Julio      | 7,882,048,330     | 3,363,111             | 141,541,713 | 141,841             | 3,519,291 | 4.2                                | 1.8                                      | 57                                     | -19.4                                     | 839,438,147                                    | 10.65                      |
|      | Agosto     | 7,888,632,025     | 2,841,073             | 144,382,786 | 115,572             | 3,634,863 | 4.1                                | 1.5                                      | 56                                     | -19.1                                     | 1,068,909,639                                  | 13.55                      |
|      | Septiembre | 7,895,215,721     | 2,184,246             | 146,567,032 | 88,337              | 3,723,200 | 4.0                                | 1.1                                      | 54                                     | -18.8                                     | 1,330,343,849                                  | 16.85                      |
|      | Octubre    | 7,901,799,417     | 1,891,414             | 148,458,446 | 82,425              | 3,805,625 | 4.4                                | 1.0                                      | 52                                     | -18.4                                     | 1,631,721,580                                  | 20.65                      |
|      | Noviembre  | 7,908,383,112     | 2,340,179             | 150,798,625 | 106,516             | 3,912,140 | 4.6                                | 1.3                                      | 53                                     | -18.7                                     | 1,933,599,671                                  | 24.45                      |
|      | Diciembre  | 7,914,966,808     | 2,673,344             | 153,471,969 | 126,076             | 4,038,216 | 4.7                                | 1.6                                      | 54                                     | -18.9                                     | 2,204,318,256                                  | 27.85                      |
| 2020 |            | 7,798,718,754     | 83,521,859            | 83,521,859  | 1,824,666           | 1,824,666 | 2.2                                | 2.3                                      | 54                                     | -25.1                                     | 5,355,585                                      | 0.07                       |
| 2021 |            | 7,878,654,609     | 69,950,110            | 153,471,969 | 2,213,550           | 4,038,216 | 3.2                                | 2.3                                      | 58                                     | -19.4                                     | 2,204,318,256                                  | 27.85                      |

|           |            |
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| Dato real | Estimación |
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Continúa

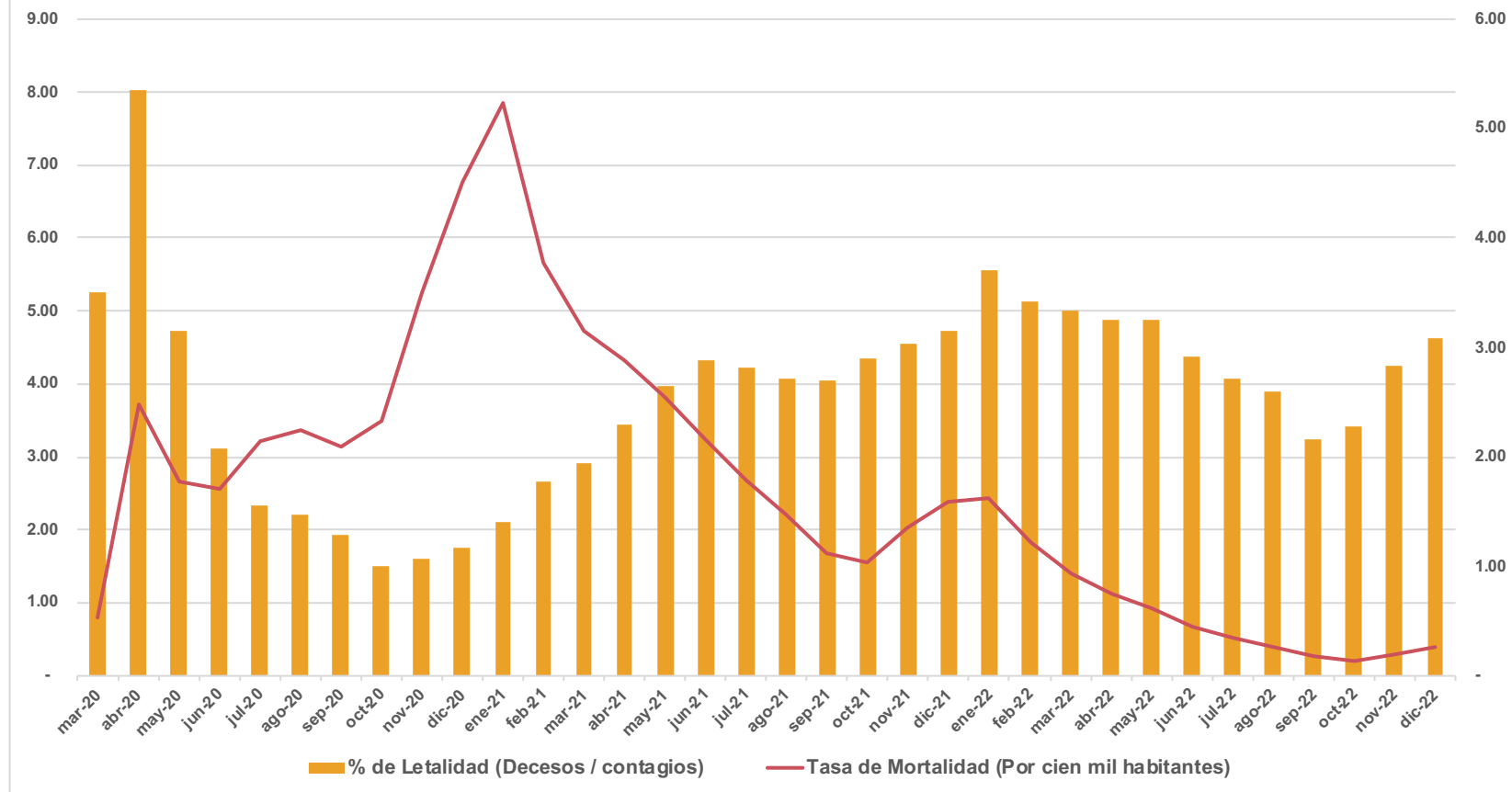
Continuación

| AÑO  | MES        | Población Mundial | Virus SARS- CoV-2     |             |                     |           | Supuestos del Modelo de Simulación |                                          |                                        |                                           |                                                |                            |
|------|------------|-------------------|-----------------------|-------------|---------------------|-----------|------------------------------------|------------------------------------------|----------------------------------------|-------------------------------------------|------------------------------------------------|----------------------------|
|      |            |                   | Contagios confirmados |             | Decesos confirmados |           | % de Letalidad                     | Tasa de Mortalidad                       | Uso universal de mascarilla (Meta 95%) | Distanciamiento social (Movilidad Google) | Tasa de vacunación (Meta: 75% de la población) |                            |
|      |            |                   | Mensual               | Acumulado   | Mensual             | Acumulado | Decesos / Contagios                | Una persona por cada cien mil habitantes |                                        |                                           | Población vacunada                             | % de la población vacunada |
| 2021 | Enero      | 7,842,138,665     | 19,445,486            | 102,967,345 | 410,519             | 2,235,185 | 2.1                                | 5.2                                      | 63                                     | -21.2                                     | 59,292,963                                     | 0.76                       |
|      | Febrero    | 7,848,803,859     | 11,141,841            | 114,109,186 | 296,570             | 2,531,755 | 2.7                                | 3.8                                      | 63                                     | -19.3                                     | 147,769,455                                    | 1.88                       |
|      | Marzo      | 7,855,469,053     | 8,517,432             | 122,626,618 | 247,397             | 2,779,152 | 2.9                                | 3.1                                      | 63                                     | -19.5                                     | 196,386,726                                    | 2.50                       |
|      | Abril      | 7,862,134,247     | 6,570,600             | 129,197,218 | 227,024             | 3,006,176 | 3.5                                | 2.9                                      | 62                                     | -20.1                                     | 294,830,034                                    | 3.75                       |
|      | Mayo       | 7,868,799,440     | 5,046,696             | 134,243,914 | 200,835             | 3,207,011 | 4.0                                | 2.6                                      | 61                                     | -20.0                                     | 413,111,971                                    | 5.25                       |
|      | Junio      | 7,875,464,634     | 3,934,689             | 138,178,603 | 170,438             | 3,377,449 | 4.3                                | 2.2                                      | 58                                     | -19.9                                     | 618,223,974                                    | 7.85                       |
|      | Julio      | 7,882,048,330     | 3,363,111             | 141,541,713 | 141,841             | 3,519,291 | 4.2                                | 1.8                                      | 57                                     | -19.4                                     | 839,438,147                                    | 10.65                      |
|      | Agosto     | 7,888,632,025     | 2,841,073             | 144,382,786 | 115,572             | 3,634,863 | 4.1                                | 1.5                                      | 56                                     | -19.1                                     | 1,068,909,639                                  | 13.55                      |
|      | Septiembre | 7,895,215,721     | 2,184,246             | 146,567,032 | 88,337              | 3,723,200 | 4.0                                | 1.1                                      | 54                                     | -18.8                                     | 1,330,343,849                                  | 16.85                      |
|      | Octubre    | 7,901,799,417     | 1,891,414             | 148,458,446 | 82,425              | 3,805,625 | 4.4                                | 1.0                                      | 52                                     | -18.4                                     | 1,631,721,580                                  | 20.65                      |
|      | Noviembre  | 7,908,383,112     | 2,340,179             | 150,798,625 | 106,516             | 3,912,140 | 4.6                                | 1.3                                      | 53                                     | -18.7                                     | 1,933,599,671                                  | 24.45                      |
|      | Diciembre  | 7,914,966,808     | 2,673,344             | 153,471,969 | 126,076             | 4,038,216 | 4.7                                | 1.6                                      | 54                                     | -18.9                                     | 2,204,318,256                                  | 27.85                      |
| 2022 | Enero      | 7,921,550,504     | 2,313,482             | 155,785,451 | 128,457             | 4,166,673 | 5.6                                | 1.6                                      | 54                                     | -18.9                                     | 2,744,817,250                                  | 34.65                      |
|      | Febrero    | 7,928,134,199     | 1,887,511             | 157,672,962 | 97,018              | 4,263,691 | 5.1                                | 1.2                                      | 53                                     | -18.4                                     | 3,230,714,686                                  | 40.75                      |
|      | Marzo      | 7,934,717,895     | 1,483,850             | 159,156,812 | 74,411              | 4,338,102 | 5.0                                | 0.9                                      | 50                                     | -18.1                                     | 3,677,741,744                                  | 46.35                      |
|      | Abril      | 7,941,301,591     | 1,209,792             | 160,366,604 | 59,069              | 4,397,171 | 4.9                                | 0.7                                      | 47                                     | -17.3                                     | 3,926,973,637                                  | 49.45                      |
|      | Mayo       | 7,947,885,286     | 1,016,621             | 161,383,224 | 49,587              | 4,446,758 | 4.9                                | 0.6                                      | 42                                     | -16.8                                     | 4,256,092,571                                  | 53.55                      |
|      | Junio      | 7,954,468,982     | 814,016               | 162,197,241 | 35,624              | 4,482,382 | 4.4                                | 0.4                                      | 38                                     | -16.1                                     | 4,689,159,465                                  | 58.95                      |
|      | Julio      | 7,960,970,523     | 668,584               | 162,865,825 | 27,238              | 4,509,620 | 4.1                                | 0.3                                      | 36                                     | -15.3                                     | 4,804,445,711                                  | 60.35                      |
|      | Agosto     | 7,967,472,064     | 551,651               | 163,417,476 | 21,462              | 4,531,081 | 3.9                                | 0.3                                      | 33                                     | -14.6                                     | 4,959,751,360                                  | 62.25                      |
|      | Septiembre | 7,973,973,605     | 436,108               | 163,853,584 | 14,105              | 4,545,186 | 3.2                                | 0.2                                      | 31                                     | -12.7                                     | 5,218,965,725                                  | 65.45                      |
|      | Octubre    | 7,980,475,146     | 316,311               | 164,169,895 | 10,779              | 4,555,965 | 3.4                                | 0.1                                      | 30                                     | -12.8                                     | 5,478,596,188                                  | 68.65                      |
|      | Noviembre  | 7,986,976,687     | 364,822               | 164,534,717 | 15,500              | 4,571,465 | 4.2                                | 0.2                                      | 32                                     | -13.3                                     | 5,790,558,098                                  | 72.50                      |
|      | Diciembre  | 7,993,478,229     | 457,803               | 164,992,520 | 21,130              | 4,592,595 | 4.6                                | 0.3                                      | 33                                     | -13.7                                     | 5,995,108,671                                  | 75.00                      |
| 2020 |            | 7,798,718,754     | 83,521,859            | 83,521,859  | 1,824,666           | 1,824,666 | 2.2                                | 2.3                                      | 54                                     | -25.1                                     | 5,355,585                                      | 0.07                       |
| 2021 |            | 7,878,654,609     | 69,950,110            | 153,471,969 | 2,213,550           | 4,038,216 | 3.2                                | 2.3                                      | 58                                     | -19.4                                     | 2,204,318,256                                  | 27.85                      |
| 2022 |            | 7,957,617,059     | 11,520,552            | 164,992,520 | 554,379             | 4,592,595 | 4.8                                | 0.6                                      | 40                                     | -15.7                                     | 5,995,108,671                                  | 75.00                      |

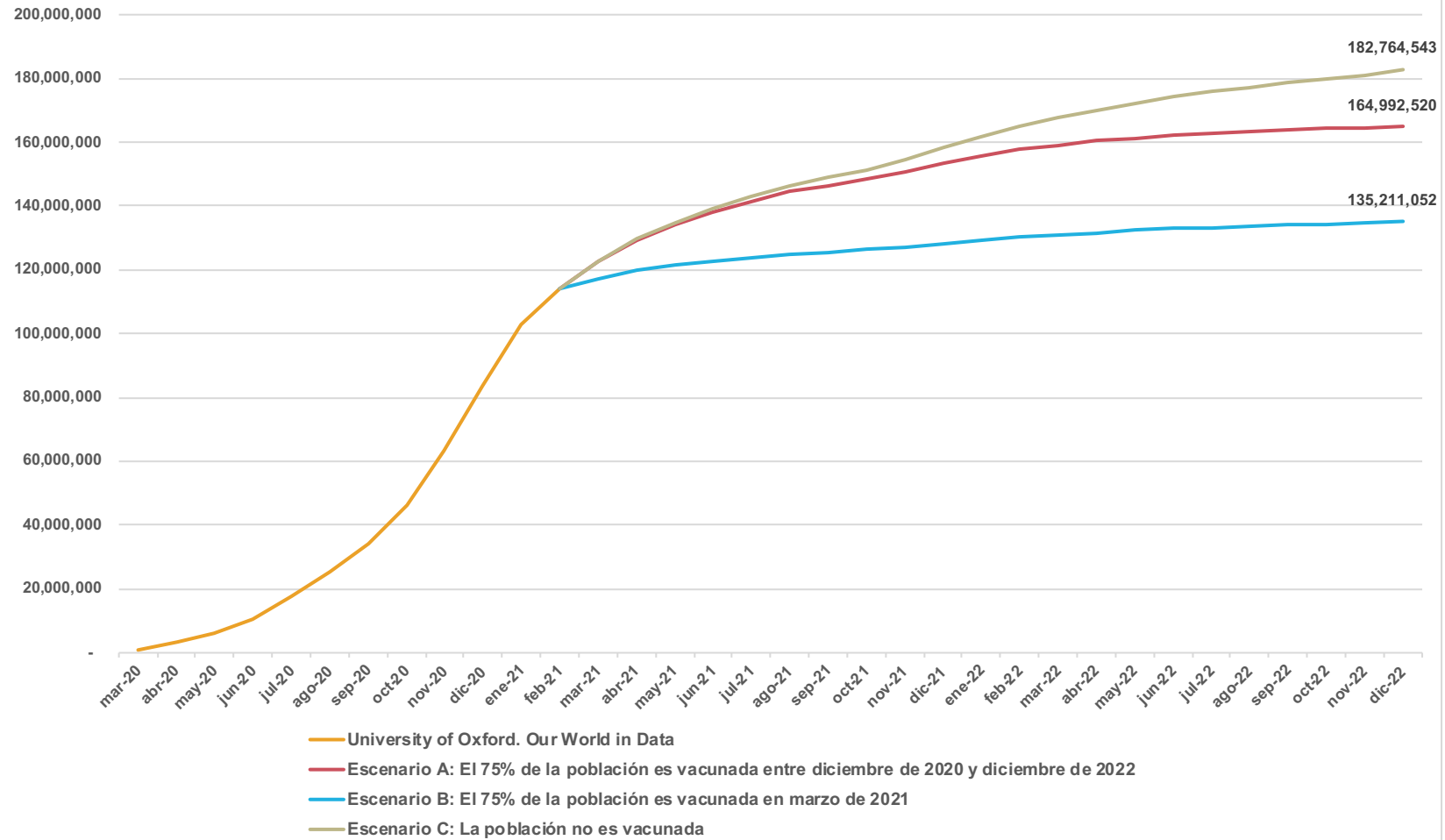
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| Dato real | Estimación |
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Conclusión

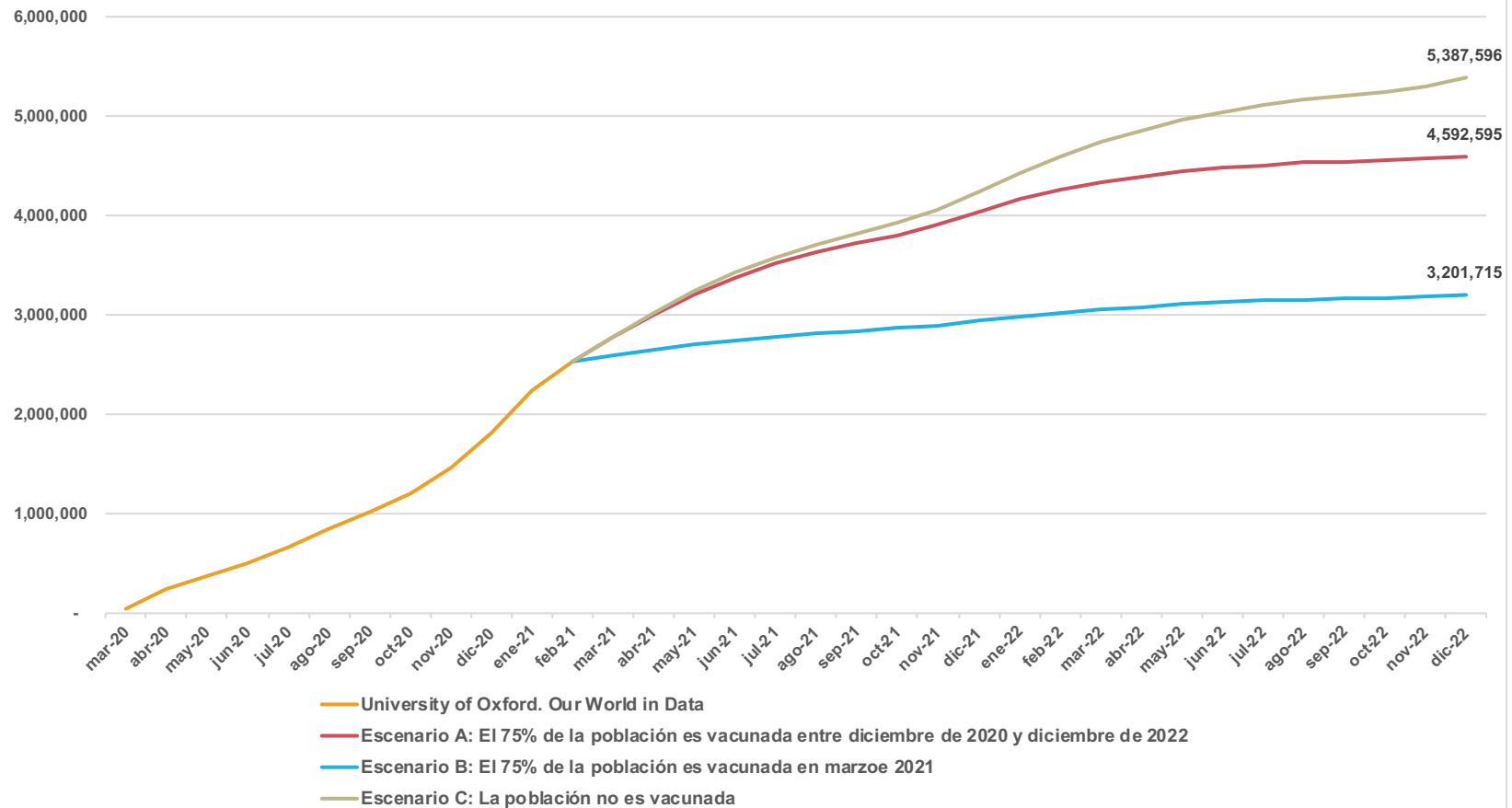
**Gráfica A-1**  
**Mundo: Tasa de Letalidad y Tasa de Mortalidad**  
**El 75% de la población es vacunada entre diciembre de 2020 y diciembre de 2022**  
*(Simulación a partir del 1 de marzo de 2021)*



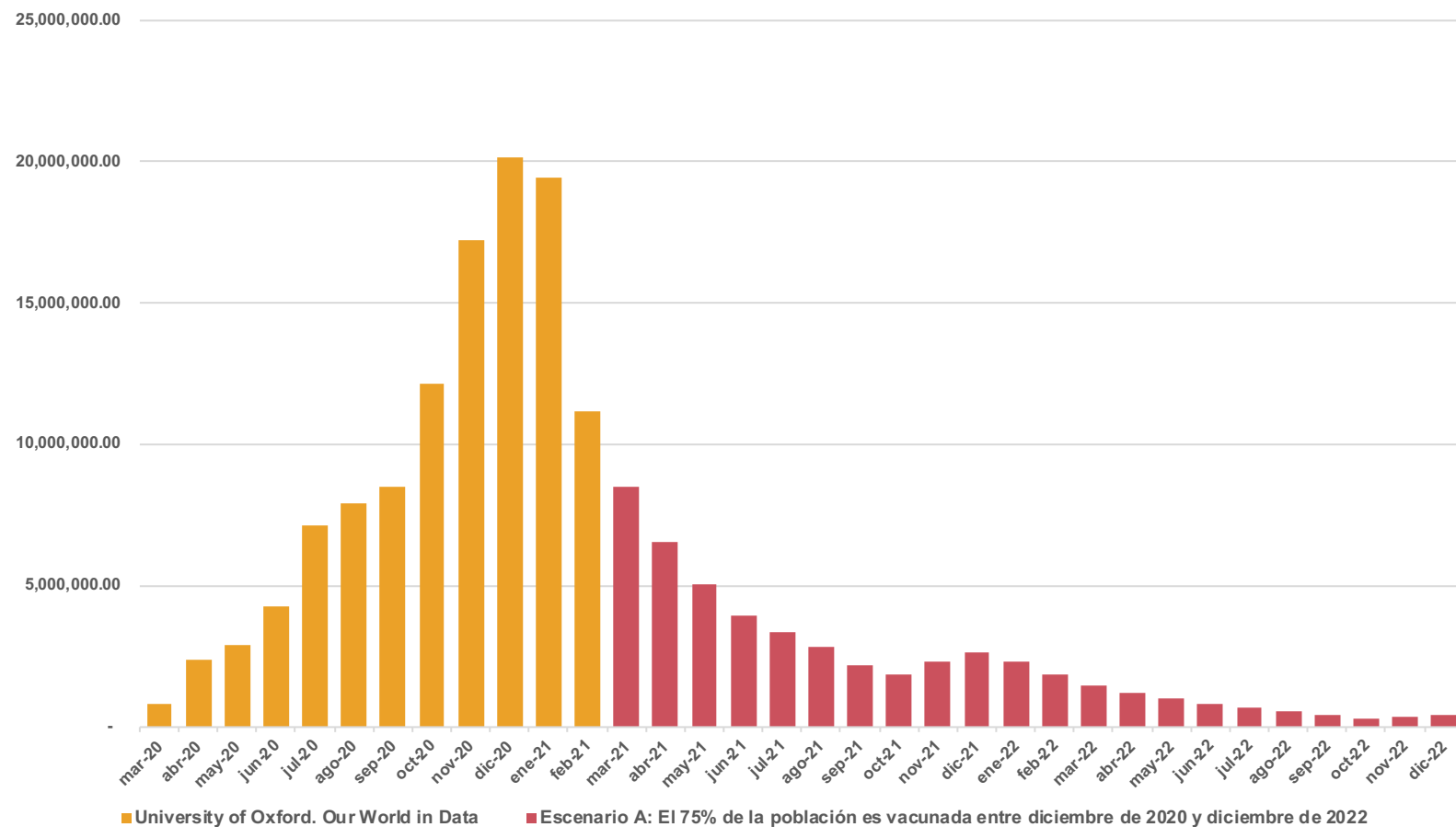
**Gráfica A-2**  
**Tres Escenarios**  
**Mundo: Contagios por COVID-19**  
(Cifras acumuladas)



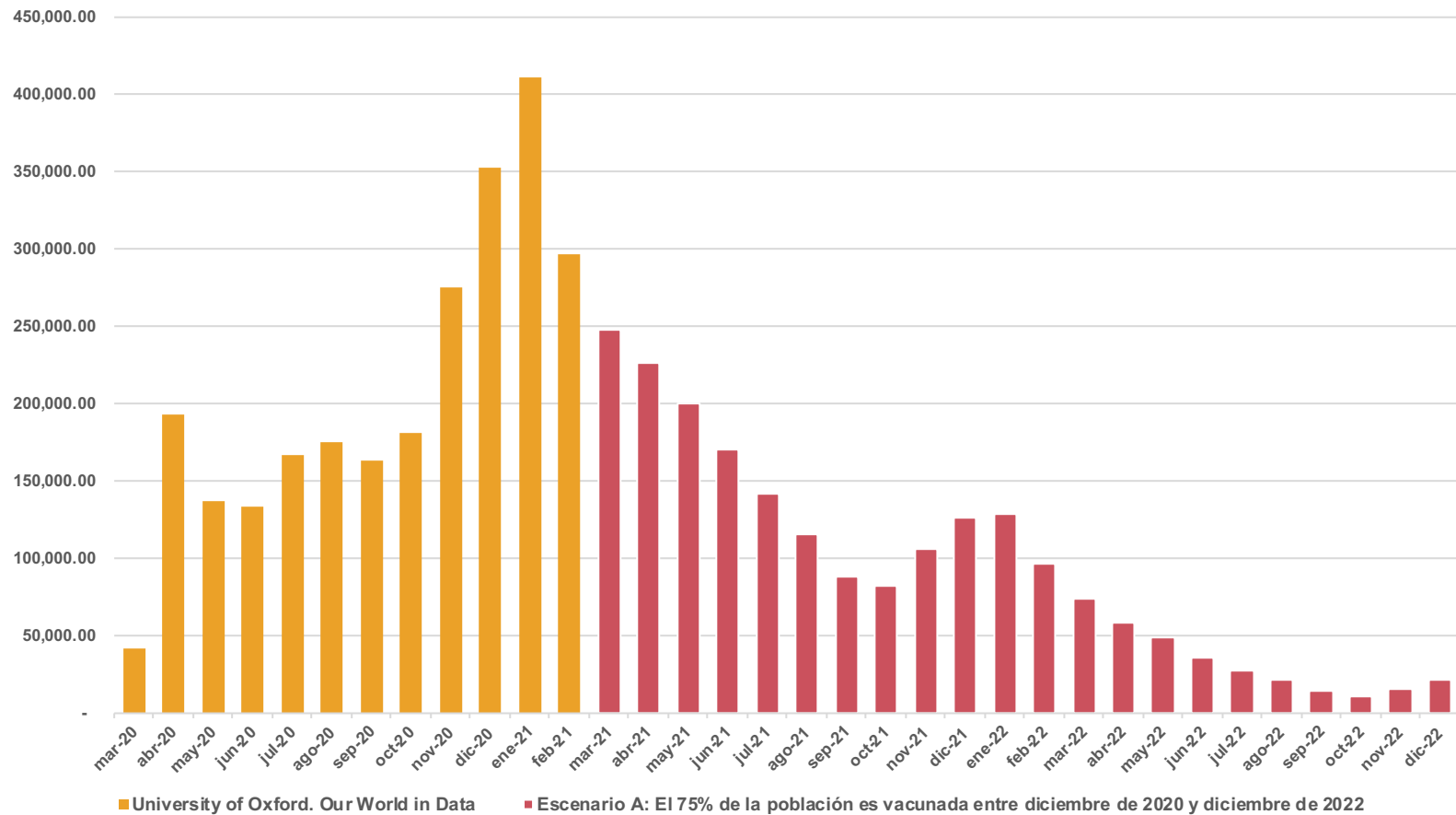
**Gráfica A-3**  
**Tres Escenarios**  
**Mundo: Decesos por COVID-19**  
*(Cifras acumuladas)*



**Gráfica A-4**  
**Mundo: Contagios por COVID-19**  
**Escenario A: El 75% de la población es vacunada entre diciembre de 2020 y diciembre de 2022**  
*(Cifras mensuales)*



**Gráfica A-5**  
**Mundo: Decesos por COVID-19**  
**Escenario A: El 75% de la población es vacunada entre diciembre de 2020 y diciembre de 2022**  
*(Cifras mensuales)*



**Capítulo B**  
**MÉXICO**  
**Contagios y decesos por COVID-19**  
**2020-2022**

**Cuadro B-1**  
**México: Contagios y decesos por COVID-19**

(Cuadro actualizado el 8 de marzo de 2021)

| AÑO  | MES        | Población Total | Virus SARS- CoV-2     |           |                     |           | Supuestos del Modelo de Simulación |                                          |                                   |                                                          |                                                |                            |
|------|------------|-----------------|-----------------------|-----------|---------------------|-----------|------------------------------------|------------------------------------------|-----------------------------------|----------------------------------------------------------|------------------------------------------------|----------------------------|
|      |            |                 | Contagios confirmados |           | Decesos confirmados |           | % de Letalidad                     | Tasa de Mortalidad                       | Semáforo de riesgo epidemiológico | Índice de restricción a la movilidad social (OSI-Oxford) | Tasa de vacunación (Meta: 75% de la población) |                            |
|      |            |                 | Mensual               | Acumulado | Mensual             | Acumulado | Decesos / Contagios                | Una persona por cada cien mil habitantes |                                   |                                                          | Población vacunada                             | % de la población vacunada |
| 2020 | Enero      | 126,566,858     | 3                     | 3         |                     |           |                                    |                                          |                                   |                                                          |                                                |                            |
|      | Febrero    | 126,661,947     | 15                    | 18        |                     |           |                                    |                                          |                                   |                                                          |                                                |                            |
|      | Marzo      | 126,756,307     | 2,934                 | 2,952     | 89                  | 91        | 3.0                                | 0.1                                      |                                   |                                                          | No                                             | No                         |
|      | Abril      | 126,852,639     | 27,959                | 30,911    | 3,834               | 3,925     | 13.7                               | 3.0                                      | Sana Distancia                    | 82.4                                                     | No                                             | No                         |
|      | Mayo       | 126,948,647     | 88,928                | 119,839   | 13,474              | 17,399    | 15.2                               | 10.6                                     | Sana Distancia                    | 82.4                                                     | No                                             | No                         |
|      | Junio      | 127,044,415     | 156,383               | 276,222   | 18,959              | 36,358    | 12.1                               | 14.9                                     | Rojo-Naranja                      | 71.5                                                     | No                                             | No                         |
|      | Julio      | 127,140,344     | 211,611               | 487,833   | 22,347              | 58,705    | 10.6                               | 17.6                                     | Rojo-Naranja                      | 70.8                                                     | No                                             | No                         |
|      | Agosto     | 127,237,664     | 169,879               | 657,712   | 17,895              | 76,600    | 10.5                               | 14.1                                     | Rojo-Naranja                      | 72.3                                                     | No                                             | No                         |
|      | Septiembre | 127,333,200     | 146,694               | 804,406   | 12,073              | 88,673    | 8.2                                | 9.5                                      | Naranja-Amarillo                  | 71.9                                                     | No                                             | No                         |
|      | Octubre    | 127,428,595     | 170,897               | 975,303   | 11,928              | 100,601   | 7.0                                | 9.4                                      | Naranja-Amarillo                  | 72.2                                                     | No                                             | No                         |
|      | Noviembre  | 127,524,003     | 202,931               | 1,178,234 | 14,528              | 115,129   | 7.2                                | 11.4                                     | Naranja-Amarillo                  | 71.8                                                     | No                                             | No                         |
|      | Diciembre  | 127,619,337     | 322,251               | 1,500,485 | 21,605              | 136,734   | 6.7                                | 16.9                                     | Rojo-Naranja                      | 71.8                                                     | 24,998                                         | 0.02                       |
| 2021 | Enero      | 127,716,303     | 412,885               | 1,913,370 | 33,671              | 170,405   | 8.2                                | 26.4                                     | Rojo-Naranja                      | 72.4                                                     | 631,485                                        | 0.49                       |
|      | Febrero    | 127,809,063     | 187,340               | 2,100,710 | 18,530              | 188,935   | 9.9                                | 14.5                                     | Rojo-Naranja                      | 66.7                                                     | 1,889,672                                      | 1.48                       |
|      | Marzo      | 127,903,783     | 160,073               | 2,260,783 | 16,279              | 205,214   | 10.2                               | 12.7                                     | Rojo-Naranja                      | 64.3                                                     | 4,199,778                                      | 3.28                       |
|      | Abril      | 127,998,342     | 129,450               | 2,390,234 | 12,466              | 217,681   | 9.6                                | 9.7                                      | Naranja                           | 61.7                                                     | 6,496,585                                      | 5.08                       |
|      | Mayo       | 128,092,741     | 112,311               | 2,502,544 | 8,738               | 226,418   | 7.8                                | 6.8                                      | Naranja                           | 60.0                                                     | 9,211,621                                      | 7.19                       |
|      | Junio      | 128,186,978     | 102,214               | 2,604,758 | 7,216               | 233,635   | 7.1                                | 5.6                                      | Amarillo                          | 40.0                                                     | 12,169,723                                     | 9.49                       |
|      | Julio      | 128,281,055     | 89,279                | 2,694,037 | 6,098               | 239,732   | 6.8                                | 4.8                                      | Verde                             | 30.0                                                     | 15,568,098                                     | 12.14                      |
|      | Agosto     | 128,374,969     | 79,205                | 2,773,242 | 4,919               | 244,651   | 6.2                                | 3.8                                      | Verde                             | 30.0                                                     | 19,313,743                                     | 15.04                      |
|      | Septiembre | 128,468,722     | 64,765                | 2,838,007 | 3,977               | 248,628   | 6.1                                | 3.1                                      | Verde                             | 30.0                                                     | 23,269,209                                     | 18.11                      |
|      | Octubre    | 128,562,311     | 52,841                | 2,890,849 | 3,207               | 251,835   | 6.1                                | 2.5                                      | Verde                             | 30.0                                                     | 27,698,192                                     | 21.54                      |
|      | Noviembre  | 128,655,737     | 63,264                | 2,954,112 | 3,796               | 255,631   | 6.0                                | 3.0                                      | Verde                             | 30.0                                                     | 32,314,953                                     | 25.12                      |
|      | Diciembre  | 128,749,000     | 85,536                | 3,039,648 | 4,995               | 260,626   | 5.8                                | 3.9                                      | Verde                             | 30.0                                                     | 37,427,275                                     | 29.07                      |
| 2020 |            | 127,092,830     | 1,500,485             | 1,500,485 | 136,734             | 136,734   | 9.1                                | 10.8                                     |                                   | 68.7                                                     | 24,998                                         | 0.02                       |
| 2021 |            | 128,233,250     | 1,539,163             | 3,039,648 | 123,892             | 260,626   | 8.0                                | 8.1                                      |                                   | 45.4                                                     | 37,427,275                                     | 29.07                      |

Dato real   Estimación

Continúa

Continuación

| AÑO  | MES        | Población Total | Virus SARS- CoV-2     |           |                     |           | Supuestos del Modelo de Simulación |                                          |                                   |                                                          |                                                |                            |
|------|------------|-----------------|-----------------------|-----------|---------------------|-----------|------------------------------------|------------------------------------------|-----------------------------------|----------------------------------------------------------|------------------------------------------------|----------------------------|
|      |            |                 | Contagios confirmados |           | Decesos confirmados |           | % de Letalidad                     | Tasa de Mortalidad                       | Semáforo de riesgo epidemiológico | Índice de restricción a la movilidad social (OSI-Oxford) | Tasa de vacunación (Meta: 75% de la población) |                            |
|      |            |                 | Mensual               | Acumulado | Mensual             | Acumulado | Decesos / Contagios                | Una persona por cada cien mil habitantes |                                   |                                                          | Población vacunada                             | % de la población vacunada |
| 2021 | Enero      | 127,716,303     | 412,885               | 1,913,370 | 33,671              | 170,405   | 8.2                                | 26.4                                     | Rojo-Naranja                      | 72.4                                                     | 631,485                                        | 0.49                       |
|      | Febrero    | 127,809,063     | 187,340               | 2,100,710 | 18,530              | 188,935   | 9.9                                | 14.5                                     | Rojo-Naranja                      | 66.7                                                     | 1,889,672                                      | 1.48                       |
|      | Marzo      | 127,903,783     | 160,073               | 2,260,783 | 16,279              | 205,214   | 10.2                               | 12.7                                     | Rojo-Naranja                      | 64.3                                                     | 4,199,778                                      | 3.28                       |
|      | Abril      | 127,998,342     | 129,450               | 2,390,234 | 12,466              | 217,681   | 9.6                                | 9.7                                      | Naranja                           | 61.7                                                     | 6,496,585                                      | 5.08                       |
|      | Mayo       | 128,092,741     | 112,311               | 2,502,544 | 8,738               | 226,418   | 7.8                                | 6.8                                      | Naranja                           | 60.0                                                     | 9,211,621                                      | 7.19                       |
|      | Junio      | 128,186,978     | 102,214               | 2,604,758 | 7,216               | 233,635   | 7.1                                | 5.6                                      | Amarillo                          | 40.0                                                     | 12,169,723                                     | 9.49                       |
|      | Julio      | 128,281,055     | 89,279                | 2,694,037 | 6,098               | 239,732   | 6.8                                | 4.8                                      | Verde                             | 30.0                                                     | 15,568,098                                     | 12.14                      |
|      | Agosto     | 128,374,969     | 79,205                | 2,773,242 | 4,919               | 244,651   | 6.2                                | 3.8                                      | Verde                             | 30.0                                                     | 19,313,743                                     | 15.04                      |
|      | Septiembre | 128,468,722     | 64,765                | 2,838,007 | 3,977               | 248,628   | 6.1                                | 3.1                                      | Verde                             | 30.0                                                     | 23,269,209                                     | 18.11                      |
|      | Octubre    | 128,562,311     | 52,841                | 2,890,849 | 3,207               | 251,835   | 6.1                                | 2.5                                      | Verde                             | 30.0                                                     | 27,698,192                                     | 21.54                      |
|      | Noviembre  | 128,655,737     | 63,264                | 2,954,112 | 3,796               | 255,631   | 6.0                                | 3.0                                      | Verde                             | 30.0                                                     | 32,314,953                                     | 25.12                      |
|      | Diciembre  | 128,749,000     | 85,536                | 3,039,648 | 4,995               | 260,626   | 5.8                                | 3.9                                      | Verde                             | 30.0                                                     | 37,427,275                                     | 29.07                      |
| 2022 | Enero      | 128,842,098     | 92,169                | 3,131,817 | 5,355               | 265,981   | 5.8                                | 4.2                                      | Verde                             | 30.0                                                     | 42,886,868                                     | 33.29                      |
|      | Febrero    | 128,935,032     | 77,804                | 3,209,621 | 4,380               | 270,362   | 5.6                                | 3.4                                      | Verde                             | 30.0                                                     | 48,116,599                                     | 37.32                      |
|      | Marzo      | 129,027,801     | 59,750                | 3,269,371 | 3,238               | 273,600   | 5.4                                | 2.5                                      | Verde                             | 20.0                                                     | 54,237,126                                     | 42.04                      |
|      | Abril      | 129,120,404     | 52,351                | 3,321,722 | 2,759               | 276,359   | 5.3                                | 2.1                                      | Verde                             | 20.0                                                     | 60,490,864                                     | 46.85                      |
|      | Mayo       | 129,212,841     | 41,430                | 3,363,152 | 2,266               | 278,625   | 5.5                                | 1.8                                      | Verde                             | 20.0                                                     | 67,294,729                                     | 52.08                      |
|      | Junio      | 129,305,112     | 29,391                | 3,392,542 | 1,669               | 280,294   | 5.7                                | 1.3                                      | Verde                             | 20.0                                                     | 74,209,762                                     | 57.39                      |
|      | Julio      | 129,397,216     | 19,786                | 3,412,328 | 1,150               | 281,444   | 5.8                                | 0.9                                      | Verde                             | 20.0                                                     | 81,696,966                                     | 63.14                      |
|      | Agosto     | 129,489,153     | 14,416                | 3,426,744 | 861                 | 282,305   | 6.0                                | 0.7                                      | Verde                             | 20.0                                                     | 89,273,295                                     | 68.94                      |
|      | Septiembre | 129,580,922     | 10,798                | 3,437,543 | 661                 | 282,966   | 6.1                                | 0.5                                      | Verde                             | 20.0                                                     | 97,185,692                                     | 75.00                      |
|      | Octubre    | 129,672,523     | 8,841                 | 3,446,384 | 554                 | 283,520   | 6.3                                | 0.4                                      | Verde                             | 20.0                                                     | 97,254,392                                     | 75.00                      |
|      | Noviembre  | 129,763,955     | 12,474                | 3,458,857 | 853                 | 284,373   | 6.8                                | 0.7                                      | Verde                             | 20.0                                                     | 97,322,966                                     | 75.00                      |
|      | Diciembre  | 129,855,218     | 15,351                | 3,474,209 | 1,188               | 285,561   | 7.7                                | 0.9                                      | Verde                             | 20.0                                                     | 97,391,413                                     | 75.00                      |

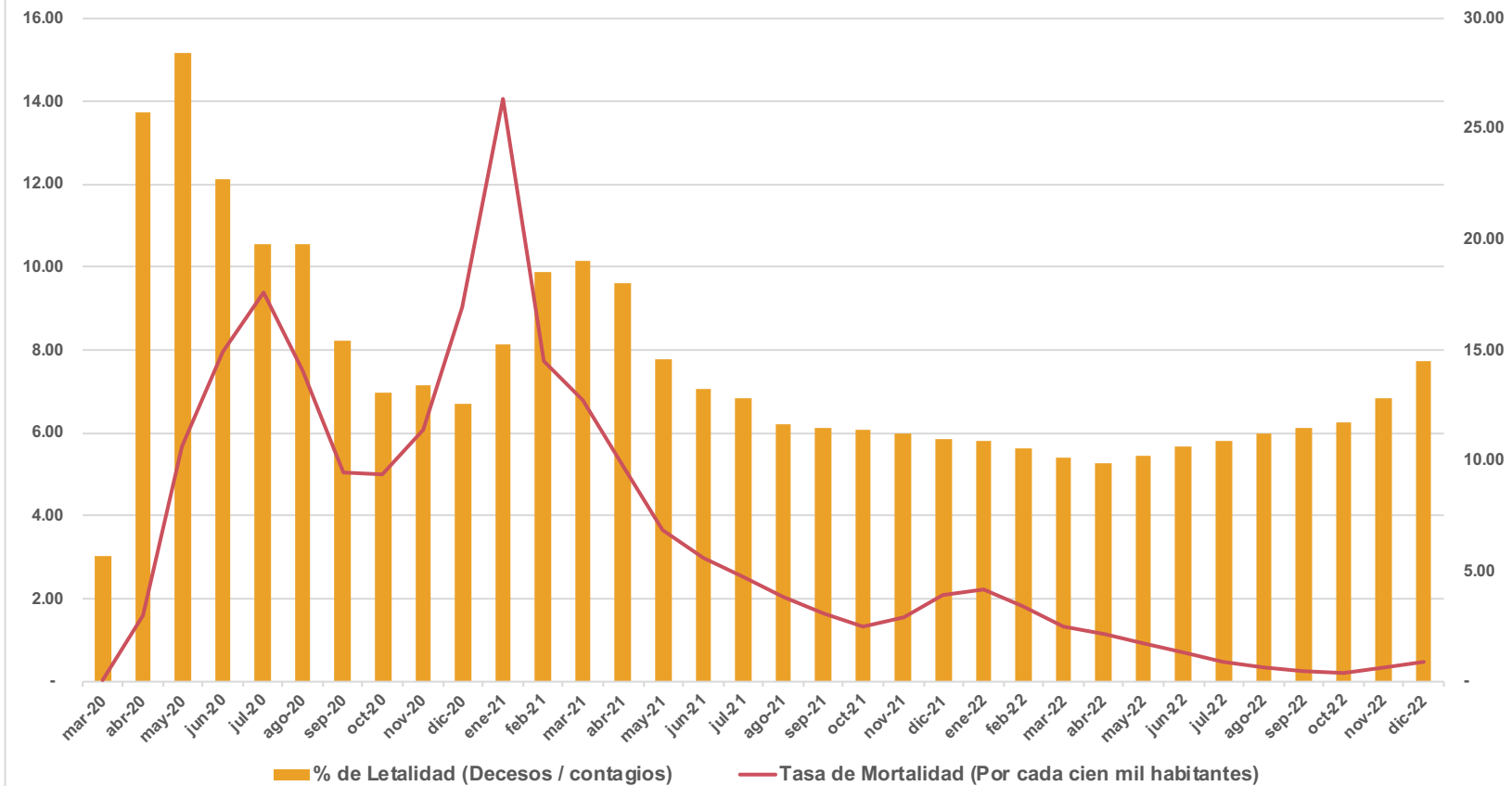
|      |             |           |           |         |         |     |      |
|------|-------------|-----------|-----------|---------|---------|-----|------|
| 2020 | 127,092,830 | 1,500,485 | 1,500,485 | 136,734 | 136,734 | 9.1 | 10.8 |
| 2021 | 128,233,250 | 1,539,163 | 3,039,648 | 123,892 | 260,626 | 8.0 | 8.1  |
| 2022 | 129,350,190 | 434,560   | 3,131,817 | 24,935  | 265,981 | 5.7 | 1.6  |

|      |            |       |
|------|------------|-------|
| 68.7 | 24,998     | 0.02  |
| 45.4 | 37,427,275 | 29.07 |
| 21.7 | 97,391,413 | 75.00 |

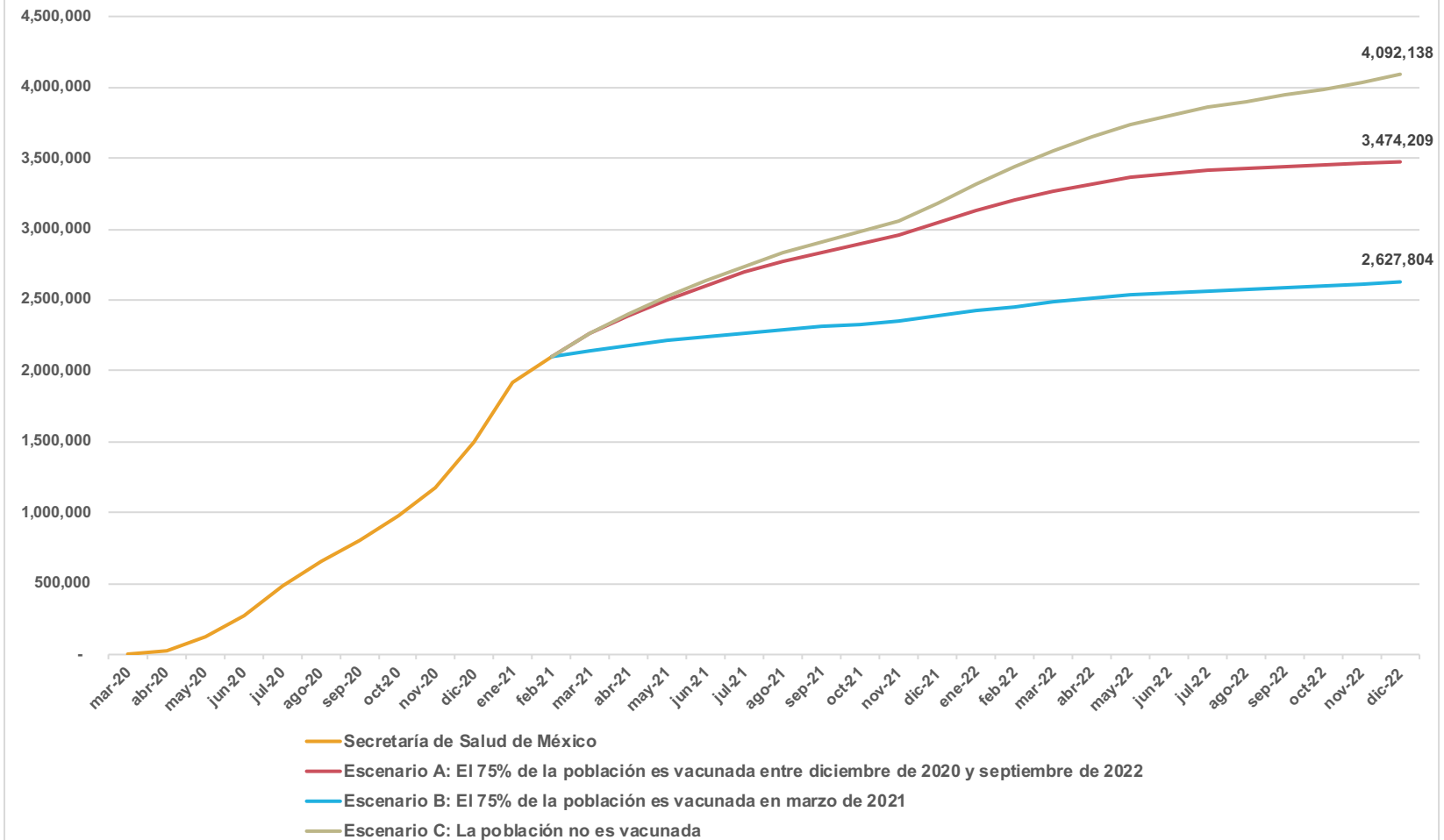
Dato real Estimación

Conclusión

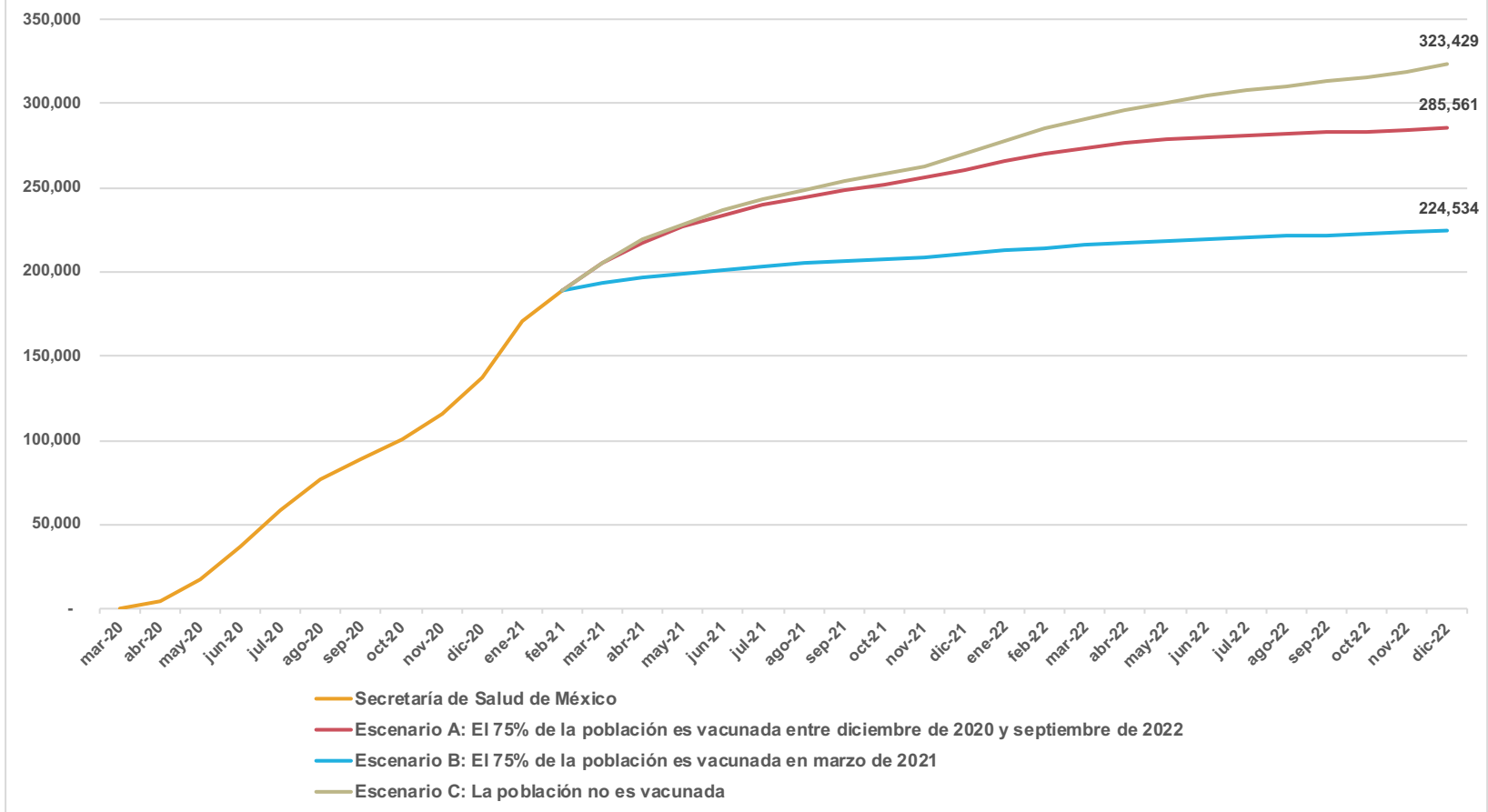
**Gráfica B-1**  
**México: Tasa de Letalidad y de Mortalidad**  
**El 75% de la población es vacunada entre diciembre de 2020 y septiembre de 2022**  
*(Simulación a partir del 1 de marzo de 2021)*



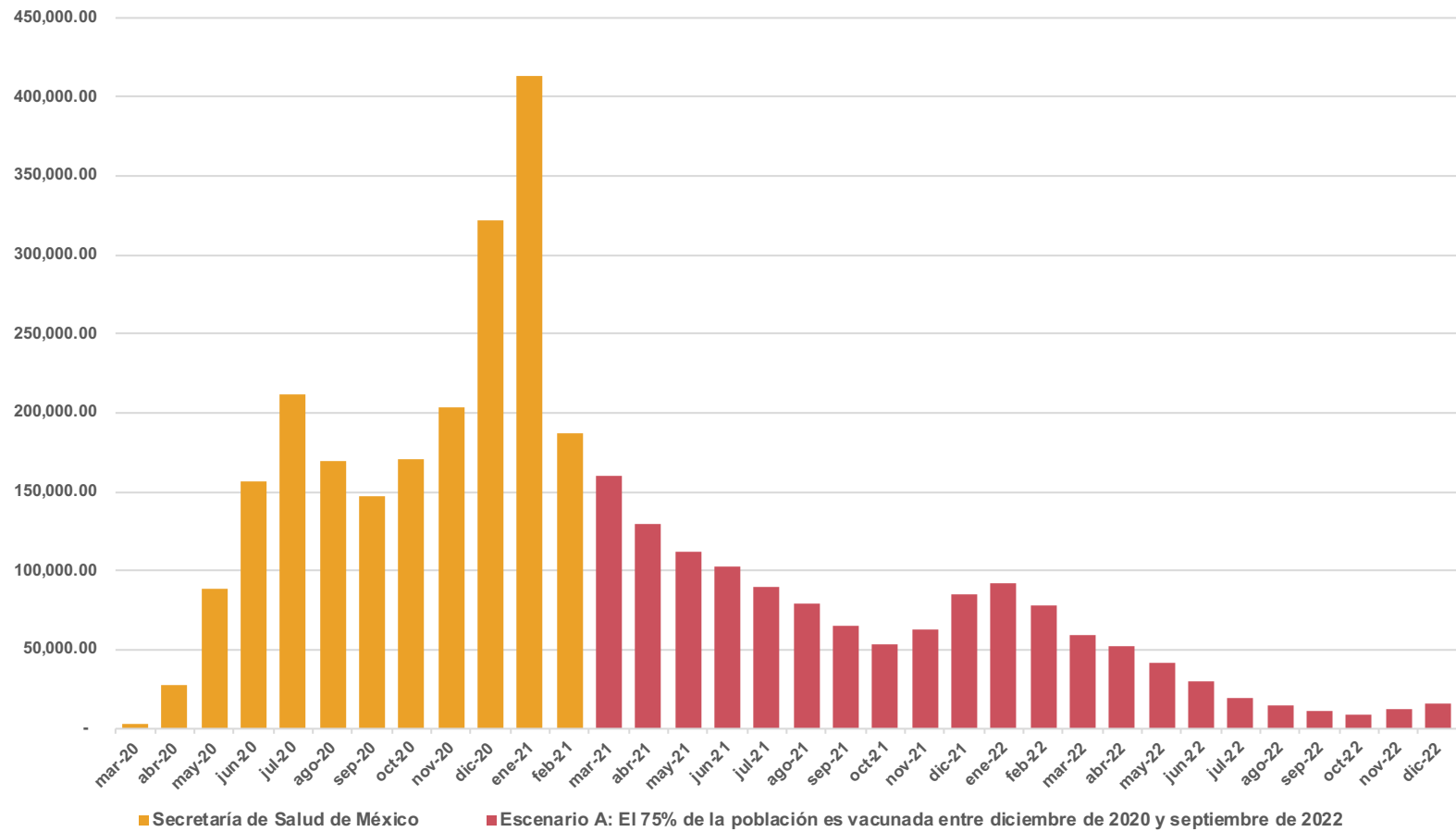
**Gráfica B- 2**  
**Tres Escenarios**  
**México: Contagios por COVID-19**  
(Cifras acumuladas)



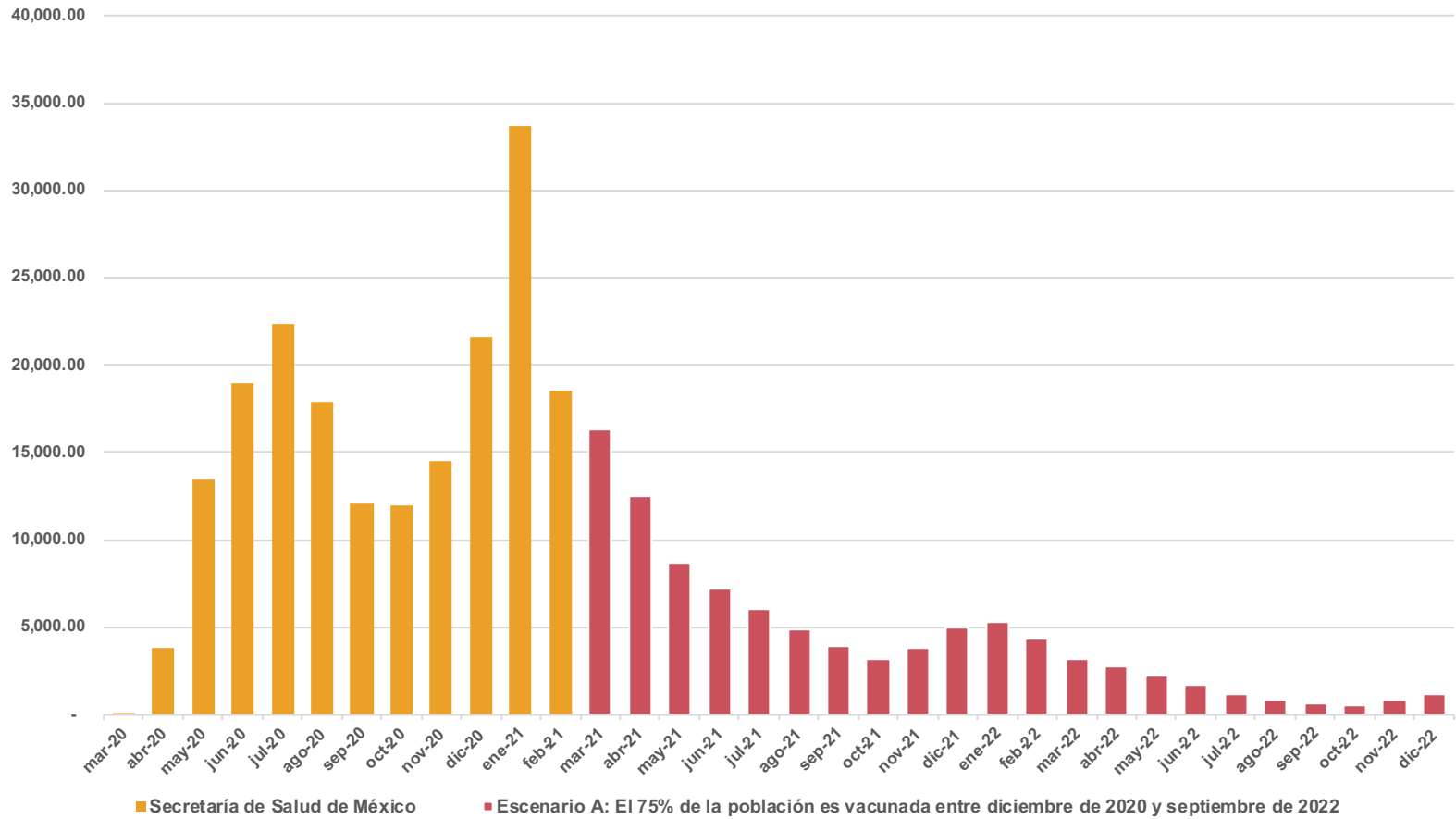
**Gráfica B-3**  
**Tres Escenarios**  
**México: Decesos por COVID-19**  
(Cifras acumuladas)



**Gráfica B-4**  
**México: Contagios por COVID-19**  
**Escenario A: El 75% de la población es vacunada entre diciembre de 2020 y septiembre de 2022**  
*(Cifras mensuales)*



**Gráfica B-5**  
**México: Decesos por COVID-19**  
**Escenario A: El 75% de la población es vacunada entre diciembre de 2020 y septiembre de 2022**  
*(Cifras mensuales)*



**Capítulo C**  
**Plan Nacional de Vacunación**  
**Diciembre 2020-Marzo 2021**

**Cuadro C-1**  
**Vacunas contra el COVID-19 aplicadas a la población**  
*(Cifras acumuladas)*

| Año  | Fin de mes | Mundo         |       | EUA         |      | Canadá     |     | México     |     | Resto del Mundo |       |
|------|------------|---------------|-------|-------------|------|------------|-----|------------|-----|-----------------|-------|
|      |            | Vacunas       | %     | Vacunas     | %    | Vacunas    | %   | Vacunas    | %   | Vacunas         | %     |
| 2020 | Diciembre  | 5,355,585     | 100.0 | 2,794,588   | 52.2 | 33,734     | 0.6 | 24,998     | 0.5 | 2,502,265       | 46.7  |
| 2021 | Enero      | 59,292,963    | 100.0 | 25,201,143  | 42.5 | 845,339    | 1.4 | 631,485    | 1.1 | 32,614,996      | 55.0  |
|      | Febrero    | 147,769,455   | 100.0 | 49,772,180  | 33.7 | 1,362,034  | 0.9 | 1,889,672  | 1.3 | 94,745,569      | 64.1  |
|      | Marzo      | 324,430,872   | 100.0 | 81,166,370  | 25.0 | 4,200,675  | 1.3 | 4,199,778  | 1.3 | 234,864,048     | 72.4  |
|      | Abril      | 602,239,483   | 100.0 | 114,819,947 | 19.1 | 6,551,626  | 1.1 | 6,496,585  | 1.1 | 474,371,325     | 78.8  |
|      | Mayo       | 886,813,697   | 100.0 | 147,478,912 | 16.6 | 9,171,175  | 1.0 | 9,211,621  | 1.0 | 720,951,990     | 81.3  |
|      | Junio      | 1,284,488,282 | 100.0 | 180,643,466 | 14.1 | 12,211,580 | 1.0 | 12,169,723 | 0.9 | 1,079,463,513   | 84.0  |
|      | Julio      | 1,791,589,585 | 100.0 | 202,859,698 | 11.3 | 15,066,415 | 0.8 | 15,568,098 | 0.9 | 1,558,095,374   | 87.0  |
|      | Agosto     | 2,415,499,126 | 100.0 | 221,325,835 | 9.2  | 18,001,180 | 0.7 | 19,313,743 | 0.8 | 2,156,858,369   | 89.3  |
|      | Septiembre | 3,016,761,927 | 100.0 | 237,974,563 | 7.9  | 20,635,997 | 0.7 | 23,269,209 | 0.8 | 2,734,882,159   | 90.7  |
|      | Octubre    | 3,415,947,888 | 100.0 |             |      | 23,312,502 | 0.7 | 27,698,192 | 0.8 | 3,364,937,193   | 98.5  |
|      | Noviembre  | 3,718,521,739 | 100.0 |             |      | 26,106,888 | 0.7 | 32,314,953 | 0.9 | 3,660,099,898   | 98.4  |
|      | Diciembre  | 3,957,483,404 | 100.0 |             |      | 28,562,396 | 0.7 | 37,427,275 | 0.9 | 3,891,493,733   | 98.3  |
| 2022 | Enero      | 4,143,763,068 | 100.0 |             |      |            |     | 42,886,868 | 1.0 | 4,100,876,201   | 99.0  |
|      | Febrero    | 4,339,067,847 | 100.0 |             |      |            |     | 48,116,599 | 1.1 | 4,290,951,248   | 98.9  |
|      | Marzo      | 4,539,452,108 | 100.0 |             |      |            |     | 54,237,126 | 1.2 | 4,485,214,982   | 98.8  |
|      | Abril      | 4,735,398,139 | 100.0 |             |      |            |     | 60,490,864 | 1.3 | 4,674,907,275   | 98.7  |
|      | Mayo       | 4,961,069,996 | 100.0 |             |      |            |     | 67,294,729 | 1.4 | 4,893,775,267   | 98.6  |
|      | Junio      | 5,131,427,940 | 100.0 |             |      |            |     | 74,209,762 | 1.4 | 5,057,218,178   | 98.6  |
|      | Julio      | 5,272,550,777 | 100.0 |             |      |            |     | 81,696,966 | 1.5 | 5,190,853,811   | 98.5  |
|      | Agosto     | 5,381,230,632 | 100.0 |             |      |            |     | 89,273,295 | 1.7 | 5,291,957,337   | 98.3  |
|      | Septiembre | 5,479,714,662 | 100.0 |             |      |            |     | 97,185,692 | 1.8 | 5,382,528,970   | 98.2  |
|      | Octubre    | 5,604,687,695 | 100.0 |             |      |            |     |            |     | 5,604,687,695   | 100.0 |
|      | Noviembre  | 5,807,330,749 | 100.0 |             |      |            |     |            |     | 5,807,330,749   | 100.0 |
|      | Diciembre  | 5,995,108,671 | 100.0 |             |      |            |     |            |     | 5,995,108,671   | 100.0 |

|           |            |
|-----------|------------|
| Dato real | Estimación |
|-----------|------------|

**Cuadro C-2**  
**Gobierno de México**  
**Plan Nacional de Vacunación contra el COVID-19**  
*(Personas y porcentajes)*

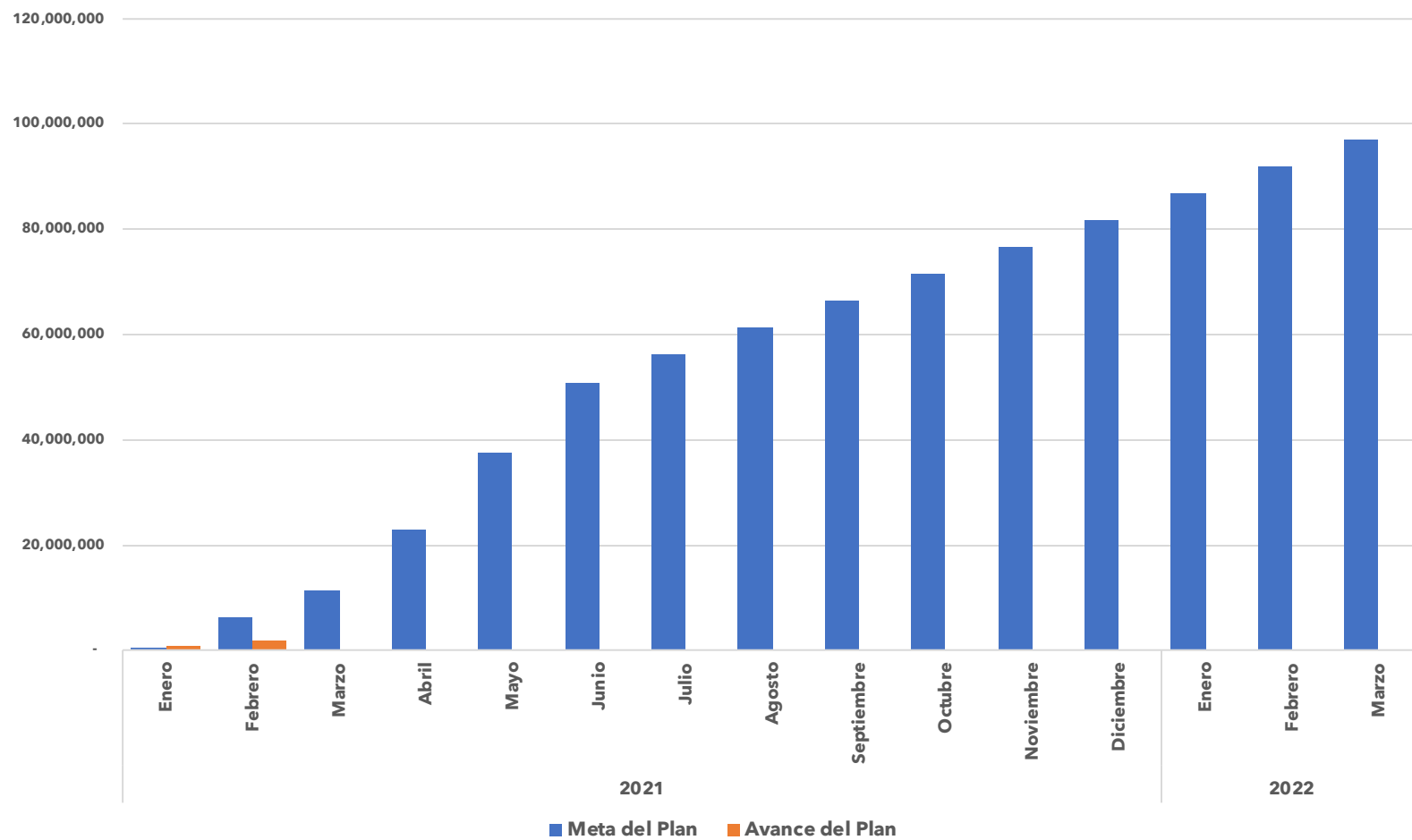
| <b>Etapas</b>  | <b>Periodo</b>                | <b>Grupos de edad</b>                          | <b>Población</b>  | <b>%</b>     |
|----------------|-------------------------------|------------------------------------------------|-------------------|--------------|
| <b>Etapa 1</b> | Enero de 2021                 | Personal de salud                              | 566,316           | 0.6          |
| <b>Etapa 2</b> | Febrero-Abril de 2021         | Personal de salud y población de 60 años o más | 15,268,058        | 15.7         |
| <b>Etapa 3</b> | Abril-Mayo de 2021            | Población de 50 a 59 años                      | 12,816,142        | 13.2         |
| <b>Etapa 4</b> | Mayo-Junio de 2021            | Población de 40 a 49 años                      | 16,594,027        | 17.1         |
| <b>Etapa 5</b> | Junio de 2021 - Marzo de 2022 | Resto de la población                          | 51,941,149        | 53.4         |
|                |                               | <b>Total</b>                                   | <b>97,185,691</b> | <b>100.0</b> |

| <b>Año</b>  | <b>Mes</b>  | <b>Meta<br/>(mensual)</b> | <b>%</b>     | <b>Meta<br/>(acumulada)</b> | <b>%</b>   | <b>Meta del Plan</b> | <b>%</b>   | <b>Avance del<br/>Plan</b> | <b>% de<br/>avance</b> |
|-------------|-------------|---------------------------|--------------|-----------------------------|------------|----------------------|------------|----------------------------|------------------------|
| <b>2021</b> | Enero       | 566,316                   | 0.6          | 566,316                     | 0.6        | 566,316              | 0.6        | 631,485                    | 10.3                   |
|             | Febrero     | 5,655,669                 | 5.8          | 6,221,985                   | 6.4        | 6,221,985            | 6.4        | 1,889,672                  | -229.3                 |
|             | Marzo       | 5,089,353                 | 5.2          | 11,311,337                  | 11.6       |                      |            |                            |                        |
|             | Abril       | 11,497,424                | 11.8         | 22,808,761                  | 23.5       |                      |            |                            |                        |
|             | Mayo        | 14,705,084                | 15.1         | 37,513,845                  | 38.6       |                      |            |                            |                        |
|             | Junio       | 13,434,497                | 13.8         | 50,948,342                  | 52.4       |                      |            |                            |                        |
|             | Julio       | 5,137,483                 | 5.3          | 56,085,825                  | 57.7       |                      |            |                            |                        |
|             | Agosto      | 5,137,483                 | 5.3          | 61,223,309                  | 63.0       |                      |            |                            |                        |
|             | Septiembre  | 5,137,483                 | 5.3          | 66,360,792                  | 68.3       |                      |            |                            |                        |
|             | Octubre     | 5,137,483                 | 5.3          | 71,498,275                  | 73.6       |                      |            |                            |                        |
|             | Noviembre   | 5,137,483                 | 5.3          | 76,635,758                  | 78.9       |                      |            |                            |                        |
|             | Diciembre   | 5,137,483                 | 5.3          | 81,773,242                  | 84.1       |                      |            |                            |                        |
| <b>2022</b> | Enero       | 5,137,483                 | 5.3          | 86,910,725                  | 89.4       |                      |            |                            |                        |
|             | Febrero     | 5,137,483                 | 5.3          | 92,048,208                  | 94.7       |                      |            |                            |                        |
|             | Marzo       | 5,137,483                 | 5.3          | 97,185,692                  | 100.0      |                      |            |                            |                        |
|             | <b>Meta</b> | <b>97,185,692</b>         | <b>100.0</b> | <b>6,221,985</b>            | <b>6.4</b> | <b>6,221,985</b>     | <b>6.4</b> | <b>1,889,672</b>           | <b>- 229.3</b>         |

Dato real

Estimación

**Gráfica C-1**  
**Avance del Plan Nacional de Vacunación**  
**Meta: 75% de la población del país vacunada en marzo de 2022**  
*(Número de vacunas aplicadas a la población)*



**Capítulo D**  
**El COVID-19 y su impacto en la economía**  
**2020-2022**

**Cuadro D-1**  
**El COVID-19 y su impacto en la economía de México**

(Cuadro actualizado el 8 de marzo de 2021)

| AÑO  | MES        | Producción, consumo privado y empleo |                                |                   |                            |                          | Supuestos del Modelo de Simulación                                 |                         |                               |                                              |
|------|------------|--------------------------------------|--------------------------------|-------------------|----------------------------|--------------------------|--------------------------------------------------------------------|-------------------------|-------------------------------|----------------------------------------------|
|      |            | Producción de bienes y servicios     | Consumo privado de los hogares | Población Ocupada |                            |                          | Se detuvo total o parcialmente la actividad económica por COVID-19 |                         | Sector Manufacturero          |                                              |
|      |            | Variación % anual real               | Variación % anual real         | Personas          | Variación mensual absoluta | Variación anual realtiva | Sector Manufacturero (%)                                           | Sector de Servicios (%) | Días laborados (Var. % anual) | Uso de la capacidad utilizada (Var. % anual) |
| 2020 | Enero      | -0.7                                 | 0.0                            | 54,844,566        | -1,246,785                 | 2.1                      |                                                                    |                         | 1.0                           | -4.6                                         |
|      | Febrero    | -0.6                                 | 0.4                            | 55,747,907        | 903,341                    | 3.2                      |                                                                    |                         | 0.1                           | -2.5                                         |
|      | Marzo      | -2.3                                 | -2.9                           | 55,755,648        | 7,741                      | 1.5                      | 22.4                                                               | 50.5                    | 1.2                           | -3.2                                         |
|      | Abril      | -20.0                                | -22.8                          | 43,294,807        | -12,460,841                | -20.2                    | 52.4                                                               | 60.5                    | -1.1                          | -3.9                                         |
|      | Mayo       | -22.5                                | -25.4                          | 43,578,792        | 283,985                    | -20.7                    | 44.9                                                               | 55.4                    | -25.2                         | -27.3                                        |
|      | Junio      | -13.3                                | -18.4                          | 48,328,185        | 4,749,393                  | -13.0                    | 27.0                                                               | 40.0                    | -23.2                         | -30.1                                        |
|      | Julio      | -10.0                                | -15.3                          | 49,780,810        | 1,452,625                  | -9.5                     | 13.2                                                               | 33.2                    | -4.8                          | -16.5                                        |
|      | Agosto     | -9.3                                 | -14.4                          | 50,434,270        | 653,460                    | -8.6                     | 8.5                                                                | 26.8                    | -3.6                          | -11.0                                        |
|      | Septiembre | -5.4                                 | -9.8                           | 51,104,154        | 669,884                    | -7.5                     | 4.1                                                                | 17.1                    | -4.6                          | -10.2                                        |
|      | Octubre    | -5.3                                 | -10.1                          | 52,968,794        | 1,864,640                  | -3.9                     | 5.5                                                                | 16.7                    | -0.3                          | -8.3                                         |
|      | Noviembre  | -4.1                                 | -7.4                           | 52,934,307        | -34,487                    | -5.2                     | 9.0                                                                | 18.0                    | -4.5                          | -5.5                                         |
|      | Diciembre  | -2.7                                 | -5.3                           | 52,839,287        | -95,020                    | -5.8                     | 11.0                                                               | 20.0                    | -3.2                          | -5.7                                         |
| 2021 | Enero      | -4.0                                 | -4.4                           | 51,955,462        | -883,825                   | -5.3                     | 11.0                                                               | 20.0                    | 5.2                           | -2.7                                         |
|      | Febrero    | -2.7                                 | -3.3                           | 53,125,540        | 1,170,078                  | -4.7                     | 11.0                                                               | 20.0                    | -5.9                          | -5.4                                         |
|      | Marzo      | -1.0                                 | -1.3                           | 54,072,772        | 947,232                    | -3.0                     | 10.0                                                               | 18.0                    | -3.1                          | -2.6                                         |
|      | Abril      | 11.9                                 | 12.3                           | 53,227,117        | -845,654                   | 22.9                     | 8.0                                                                | 14.0                    | -3.5                          | -3.0                                         |
|      | Mayo       | 12.6                                 | 13.0                           | 52,576,751        | -650,367                   | 20.6                     | 8.0                                                                | 14.0                    | 23.0                          | 23.7                                         |
|      | Junio      | 8.9                                  | 9.4                            | 53,608,015        | 1,031,265                  | 10.9                     | 8.0                                                                | 14.0                    | 25.9                          | 26.7                                         |
|      | Julio      | 6.6                                  | 6.9                            | 53,808,751        | 200,736                    | 8.1                      | 7.0                                                                | 11.0                    | 15.1                          | 15.4                                         |
|      | Agosto     | 6.4                                  | 6.3                            | 54,164,124        | 355,372                    | 7.4                      | 7.0                                                                | 11.0                    | 9.6                           | 10.2                                         |
|      | Septiembre | 4.1                                  | 4.4                            | 53,477,808        | -686,316                   | 4.6                      | 7.0                                                                | 11.0                    | 9.1                           | 9.4                                          |
|      | Octubre    | 3.9                                  | 4.0                            | 55,278,884        | 1,801,076                  | 4.4                      | 8.0                                                                | 12.0                    | 5.1                           | 5.7                                          |
|      | Noviembre  | 5.7                                  | 5.9                            | 56,216,234        | 937,350                    | 6.2                      | 9.0                                                                | 13.0                    | 5.4                           | 6.1                                          |
|      | Diciembre  | 4.0                                  | 4.3                            | 55,241,322        | -974,912                   | 4.5                      | 10.0                                                               | 14.0                    | 3.3                           | 3.9                                          |
| 2020 |            | -8.2                                 | -10.3                          | 50,967,627        | -4,028,437                 | -7.3                     | 19.8                                                               | 33.8                    | -5.8                          | -10.8                                        |
| 2021 |            | 4.4                                  | 4.7                            | 53,896,065        | 2,928,438                  | 5.7                      | 8.7                                                                | 14.3                    | 6.7                           | 6.4                                          |

Continúa

|           |            |
|-----------|------------|
| Dato real | Estimación |
|-----------|------------|

Continuación

| AÑO  | MES        | Producción, consumo privado y empleo |                                |                   |                            |                          | Supuestos del Modelo de Simulación                                 |                         |                               |                                              |
|------|------------|--------------------------------------|--------------------------------|-------------------|----------------------------|--------------------------|--------------------------------------------------------------------|-------------------------|-------------------------------|----------------------------------------------|
|      |            | Producción de bienes y servicios     | Consumo privado de los hogares | Población Ocupada |                            |                          | Se detuvo total o parcialmente la actividad económica por COVID-19 |                         | Sector Manufacturero          |                                              |
|      |            | Variación % anual real               | Variación % anual real         | Personas          | Variación mensual absoluta | Variación anual realtiva | Sector Manufacturero (%)                                           | Sector de Servicios (%) | Días laborados (Var. % anual) | Uso de la capacidad utilizada (Var. % anual) |
| 2021 | Enero      | -4.0                                 | -4.4                           | 51,955,462        | -883,825                   | -5.3                     | 11.0                                                               | 20.0                    | 5.2                           | -2.7                                         |
|      | Febrero    | -2.7                                 | -3.3                           | 53,125,540        | 1,170,078                  | -4.7                     | 11.0                                                               | 20.0                    | -5.9                          | -5.4                                         |
|      | Marzo      | -1.0                                 | -1.3                           | 54,072,772        | 947,232                    | -3.0                     | 10.0                                                               | 18.0                    | -3.1                          | -2.6                                         |
|      | Abril      | 11.9                                 | 12.3                           | 53,227,117        | -845,654                   | 22.9                     | 8.0                                                                | 14.0                    | -3.5                          | -3.0                                         |
|      | Mayo       | 12.6                                 | 13.0                           | 52,576,751        | -650,367                   | 20.6                     | 8.0                                                                | 14.0                    | 23.0                          | 23.7                                         |
|      | Junio      | 8.9                                  | 9.4                            | 53,608,015        | 1,031,265                  | 10.9                     | 8.0                                                                | 14.0                    | 25.9                          | 26.7                                         |
|      | Julio      | 6.6                                  | 6.9                            | 53,808,751        | 200,736                    | 8.1                      | 7.0                                                                | 11.0                    | 15.1                          | 15.4                                         |
|      | Agosto     | 6.4                                  | 6.3                            | 54,164,124        | 355,372                    | 7.4                      | 7.0                                                                | 11.0                    | 9.6                           | 10.2                                         |
|      | Septiembre | 4.1                                  | 4.4                            | 53,477,808        | -686,316                   | 4.6                      | 7.0                                                                | 11.0                    | 9.1                           | 9.4                                          |
|      | Octubre    | 3.9                                  | 4.0                            | 55,278,884        | 1,801,076                  | 4.4                      | 8.0                                                                | 12.0                    | 5.1                           | 5.7                                          |
|      | Noviembre  | 5.7                                  | 5.9                            | 56,216,234        | 937,350                    | 6.2                      | 9.0                                                                | 13.0                    | 5.4                           | 6.1                                          |
|      | Diciembre  | 4.0                                  | 4.3                            | 55,241,322        | -974,912                   | 4.5                      | 10.0                                                               | 14.0                    | 3.3                           | 3.9                                          |
| 2022 | Enero      | 3.8                                  | 4.3                            | 54,085,636        | -1,155,686                 | 4.1                      | 10.0                                                               | 14.0                    | 4.4                           | 4.5                                          |
|      | Febrero    | 2.7                                  | 3.4                            | 54,772,432        | 686,796                    | 3.1                      | 9.0                                                                | 13.0                    | 7.1                           | 7.8                                          |
|      | Marzo      | 1.6                                  | 2.3                            | 55,262,373        | 489,941                    | 2.2                      | 7.0                                                                | 11.0                    | 3.3                           | 3.9                                          |
|      | Abril      | -2.2                                 | -2.0                           | 52,375,484        | -2,886,889                 | -1.6                     | 6.0                                                                | 9.0                     | -6.2                          | -5.3                                         |
|      | Mayo       | -7.1                                 | -7.3                           | 50,421,104        | -1,954,380                 | -4.1                     | 5.0                                                                | 8.0                     | -17.8                         | -17.2                                        |
|      | Junio      | -5.2                                 | -5.7                           | 51,892,559        | 1,471,455                  | -3.2                     | 5.0                                                                | 8.0                     | -6.2                          | -5.9                                         |
|      | Julio      | -3.1                                 | -3.6                           | 52,947,811        | 1,055,252                  | -1.6                     | 5.0                                                                | 8.0                     | -3.4                          | -3.3                                         |
|      | Agosto     | -2.7                                 | -3.0                           | 53,514,154        | 566,343                    | -1.2                     | 5.0                                                                | 8.0                     | -5.6                          | -5.2                                         |
|      | Septiembre | -2.2                                 | -2.3                           | 52,996,508        | -517,646                   | -0.9                     | 4.0                                                                | 6.0                     | -1.7                          | -1.2                                         |
|      | Octubre    | -2.1                                 | -2.1                           | 55,002,489        | 2,005,982                  | -0.5                     | 4.0                                                                | 6.0                     | -2.7                          | -2.2                                         |
|      | Noviembre  | -1.8                                 | -1.8                           | 55,878,937        | 876,447                    | -0.6                     | 4.0                                                                | 6.0                     | -1.0                          | -0.3                                         |
|      | Diciembre  | -2.3                                 | -2.4                           | 54,523,185        | -1,355,752                 | -1.3                     | 4.0                                                                | 6.0                     | -1.6                          | -1.0                                         |
| 2020 |            | -8.2                                 | -10.3                          | 50,967,627        | -4,028,437                 | -7.3                     | 19.8                                                               | 33.8                    | -5.8                          | -10.8                                        |
| 2021 |            | 4.4                                  | 4.7                            | 53,896,065        | 2,928,438                  | 5.7                      | 8.7                                                                | 14.3                    | 6.7                           | 6.4                                          |
| 2022 |            | -1.7                                 | -1.3                           | 53,639,389        | -256,676                   | -0.5                     | 5.7                                                                | 8.6                     | -2.6                          | -2.1                                         |

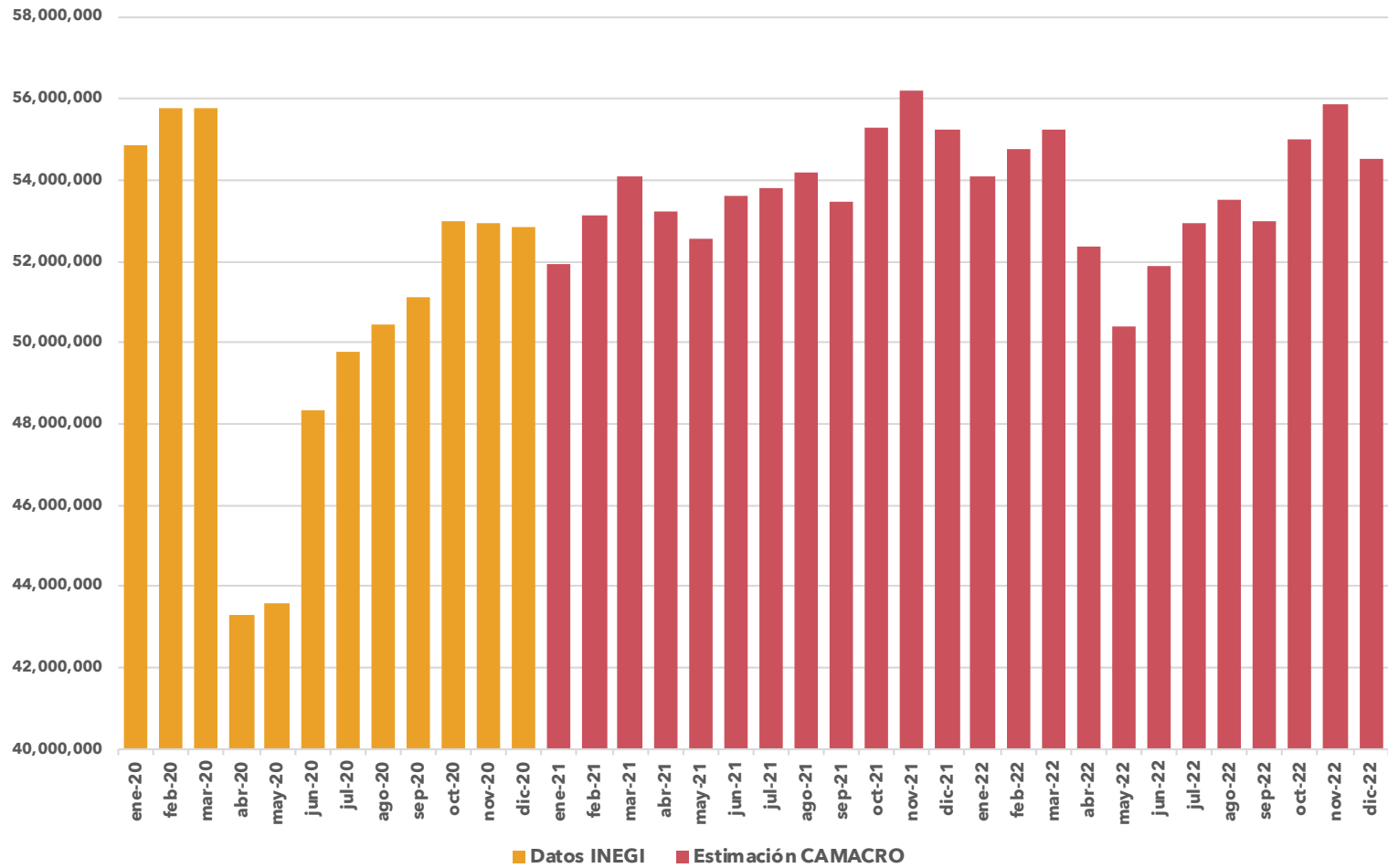
Conclusión

|           |            |
|-----------|------------|
| Dato real | Estimación |
|-----------|------------|

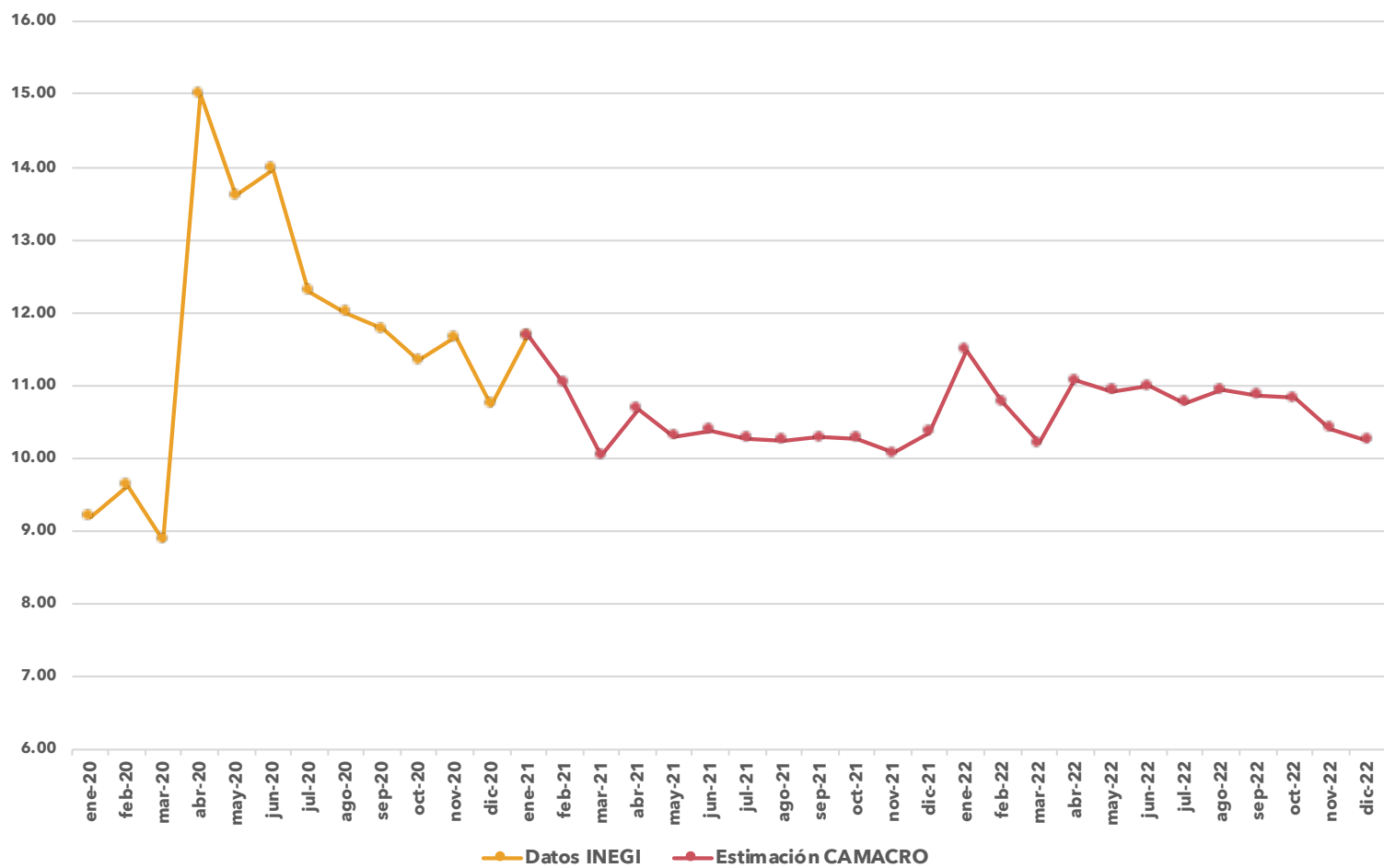
**Gráfica D-1**  
**Evolución de la Producción, el Consumo Privado y el Empleo**  
*(Variación % anual real / promedio móvil tres meses)*



**Gráfica D-2**  
**Población Ocupada**  
*(Número de personas)*

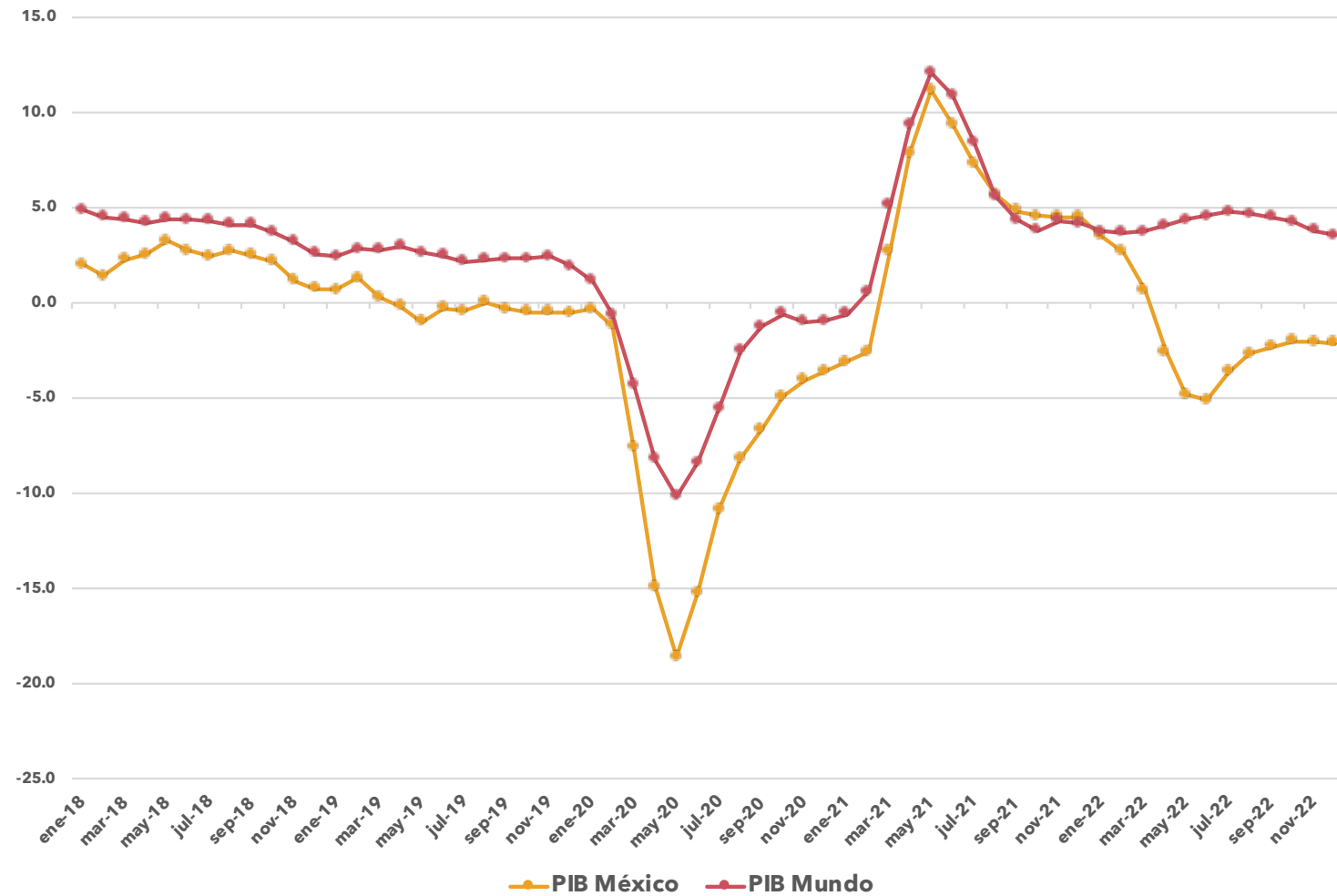


**Gráfica D-3**  
**Tasa de Ocupación Parcial y Desocupación**  
(Por ciento de la población económicamente activa PEA)

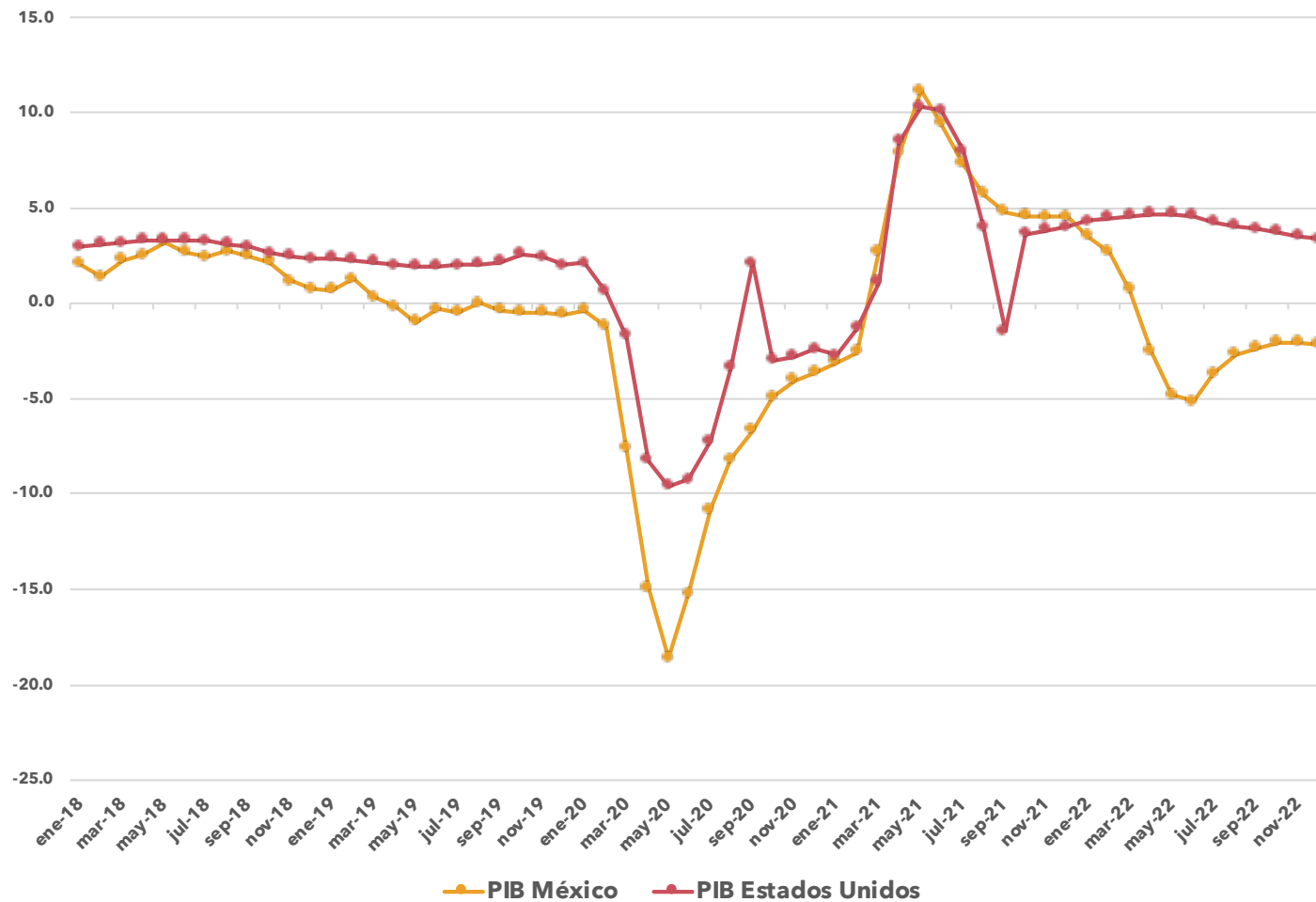


**Gráfica D-4**  
**PIB México Vs. PIB Mundo**

(Variación % anual real / promedio movil tres meses)



**Gráfica B-5**  
**PIB México Vs. PIB Estados Unidos**  
(Variación % anual real / promedio móvil tres meses)



**Gráfica B-6**  
**Gasto en consumo privado de las familias**  
*(Variación % anual real / promedio móvil tres meses)*

