**Table 1. Socio-demographic, geographic, and clinical characteristics of women who gave birth in Mexico, 2008-2019**

| Characteristic | Overall, N = 19,526,922\* | 20-34, N = 17,201,197\* | 35-39, N = 1,872,563\* | 40-44, N = 425,354\* | 45-49, N = 27,808\* |
| --- | --- | --- | --- | --- | --- |
| **SOCIO-DEMOGRAPHIC CHARACTERISTICS** | | | | | |
| **Education** |  |  |  |  |  |
| Primary | 3,201,282 (17%) | 2,776,453 (16%) | 335,740 (18%) | 83,456 (20%) | 5,633 (21%) |
| Secondary | 6,905,694 (36%) | 6,257,951 (37%) | 527,350 (29%) | 113,961 (27%) | 6,432 (24%) |
| High school | 4,455,733 (23%) | 4,095,712 (24%) | 295,947 (16%) | 60,746 (15%) | 3,328 (12%) |
| Professional | 3,211,139 (17%) | 2,650,445 (16%) | 467,266 (25%) | 88,461 (21%) | 4,967 (18%) |
| none | 1,473,838 (7.7%) | 1,178,110 (6.9%) | 217,447 (12%) | 71,392 (17%) | 6,889 (25%) |
| *missing*† | 279,236 | 242,526 | 28,813 | 7,338 | 559 |
| **Marital Status** |  |  |  |  |  |
| Married | 17,507,098 (91%) | 15,402,983 (91%) | 1,699,712 (92%) | 379,723 (91%) | 24,680 (91%) |
| Single | 1,545,218 (8.1%) | 1,392,147 (8.2%) | 119,661 (6.5%) | 31,317 (7.5%) | 2,093 (7.7%) |
| Separated/widowed/divorced | 115,327 (0.6%) | 89,601 (0.5%) | 19,223 (1.0%) | 6,091 (1.5%) | 412 (1.5%) |
| *missing* | 359,279 | 316,466 | 33,967 | 8,223 | 623 |
| **Insurance Status** |  |  |  |  |  |
| IMSS/ISSSTE/PEMEX/SEDENA/SEMAR‡ | 6,381,442 (34%) | 5,512,681 (33%) | 715,699 (39%) | 145,276 (35%) | 7,786 (29%) |
| IMSS Oportunidades/Seguro Popular§ | 8,252,198 (43%) | 7,418,108 (44%) | 658,522 (36%) | 164,400 (40%) | 11,168 (42%) |
| other | 388,149 (2.0%) | 315,249 (1.9%) | 59,387 (3.3%) | 12,788 (3.1%) | 725 (2.7%) |
| none | 3,967,986 (21%) | 3,484,525 (21%) | 386,259 (21%) | 90,002 (22%) | 7,200 (27%) |
| *missing* | 537,147 | 470,634 | 52,696 | 12,888 | 929 |
| **GEOGRAPHIC CHARACTERISTICS** | | | | | |
| **Region** |  |  |  |  |  |
| Central | 7,179,983 (37%) | 6,330,548 (37%) | 680,954 (36%) | 158,115 (37%) | 10,366 (37%) |
| North | 5,004,353 (26%) | 4,427,600 (26%) | 471,920 (25%) | 99,115 (23%) | 5,718 (21%) |
| South | 4,259,582 (22%) | 3,775,293 (22%) | 386,006 (21%) | 91,310 (22%) | 6,973 (25%) |
| ZMVM¶ | 3,021,133 (16%) | 2,612,476 (15%) | 328,509 (18%) | 75,517 (18%) | 4,631 (17%) |
| Other country | 4,568 (<0.1%) | 3,834 (<0.1%) | 561 (<0.1%) | 155 (<0.1%) | 18 (<0.1%) |
| *missing* | 57,303 | 51,446 | 4,613 | 1,142 | 102 |
| **Municipality Population Size** |  |  |  |  |  |
| <2,500 | 63,401 (0.3%) | 55,430 (0.3%) | 6,167 (0.3%) | 1,678 (0.4%) | 126 (0.5%) |
| 2,500-14,999 | 1,082,753 (5.5%) | 954,260 (5.5%) | 100,612 (5.4%) | 25,929 (6.1%) | 1,952 (7.0%) |
| 15,000-99,999 | 5,705,949 (29%) | 5,071,134 (29%) | 504,039 (27%) | 121,717 (29%) | 9,059 (33%) |
| 100K+ | 12,674,819 (65%) | 11,120,373 (65%) | 1,261,745 (67%) | 276,030 (65%) | 16,671 (60%) |
| **Municipality-Level Marginalization** |  |  |  |  |  |
| Very high | 667,254 (3.4%) | 579,264 (3.4%) | 66,104 (3.5%) | 20,037 (4.7%) | 1,849 (6.7%) |
| High | 1,463,093 (7.5%) | 1,298,933 (7.6%) | 128,039 (6.9%) | 33,493 (7.9%) | 2,628 (9.5%) |
| Medium | 2,711,167 (14%) | 2,410,081 (14%) | 239,352 (13%) | 57,313 (14%) | 4,421 (16%) |
| Low | 3,014,522 (16%) | 2,684,944 (16%) | 265,535 (14%) | 59,932 (14%) | 4,111 (15%) |
| Very low | 11,564,494 (60%) | 10,134,422 (59%) | 1,163,410 (62%) | 252,080 (60%) | 14,582 (53%) |
| *missing* | 106,392 | 93,553 | 10,123 | 2,499 | 217 |
|  |  |  |  |  |  |
| **CLINICAL CHARACTERISTICS** | | | | | |
| **Parity** |  |  |  |  |  |
| 1 | 5,976,020 (31%) | 5,631,869 (33%) | 278,842 (15%) | 60,093 (14%) | 5,216 (19%) |
| 2 | 6,844,336 (35%) | 6,246,525 (36%) | 503,791 (27%) | 89,543 (21%) | 4,477 (16%) |
| 3 | 4,194,246 (22%) | 3,564,418 (21%) | 525,298 (28%) | 99,782 (23%) | 4,748 (17%) |
| 4 | 1,510,119 (7.7%) | 1,162,924 (6.8%) | 277,558 (15%) | 65,944 (16%) | 3,693 (13%) |
| 5+ | 978,864 (5.0%) | 574,836 (3.3%) | 284,920 (15%) | 109,496 (26%) | 9,612 (35%) |
| *missing* | 23,337 | 20,625 | 2,154 | 496 | 62 |
| **Place of Delivery** |  |  |  |  |  |
| Public | 14,732,399 (75%) | 13,142,143 (76%) | 1,275,850 (68%) | 295,669 (70%) | 18,737 (67%) |
| Private | 4,436,970 (23%) | 3,751,994 (22%) | 559,778 (30%) | 117,845 (28%) | 7,353 (26%) |
| Out-of-facility | 349,213 (1.8%) | 299,840 (1.7%) | 36,032 (1.9%) | 11,636 (2.7%) | 1,705 (6.1%) |
| *missing* | 8,340 | 7,220 | 903 | 204 | 13 |
| **Birth Attendant** |  |  |  |  |  |
| Physician | 19,054,791 (98%) | 16,791,681 (98%) | 1,825,726 (98%) | 411,374 (97%) | 26,010 (94%) |
| Other provider | 461,194 (2.4%) | 399,938 (2.3%) | 45,755 (2.4%) | 13,724 (3.2%) | 1,777 (6.4%) |
| *missing* | 10,937 | 9,578 | 1,082 | 256 | 21 |
| **Mode of Delivery** |  |  |  |  |  |
| Cesarean section | 9,193,020 (47%) | 7,879,832 (46%) | 1,052,739 (56%) | 245,588 (58%) | 14,861 (54%) |
| Vaginal | 10,304,034 (53%) | 9,295,103 (54%) | 816,950 (44%) | 179,072 (42%) | 12,909 (46%) |
| *missing* | 29,868 | 26,262 | 2,874 | 694 | 38 |
| \*n (%)  †All missing data is <2% except for insurance status which is 2.8% (see supplemental Figure 1 for heat map of data missingness)  Note: all p-values <0.001 by Pearson's Chi-squared test (not shown)  **Definitions:**  ‡ISS/ISSSTE/PEMEX/SEDENA/SEMAR: This comprises of the Mexican Institute of Social Security (IMSS)/Institute of Security and Social Services for State Workers (ISSSTE)/Mexican Petroleum (PEMEX)/Secretary of National Defense (SEDENA)/Secretary of the Navy (SEMAR).  §Mexico’s universal health insurance program for people in the informal sector  ¶Zona Metropolitana del Valle de México (ZMVZ), the area that constitutes Mexico City and surrounding municipalities | | | | | |