**Supplemental Digital Content 2.** Alternate Table 1, using column percentages.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **IBM MarketScan** | | | **MAX** | | |
|  | Pregnancy (n=114,067) | Delivery (n=20,415) | Unexposed (n=311,156) | Pregnancy (n=33,286) | Delivery (n=22,821) | Unexposed (n=639,155) |
| **Sociodemographic variables** |  |  |  |  |  |  |
| Maternal age, mean(SD) | 31.8 (4.3) | 31.3 (4.5) | 31.6 (4.5) | 25.9 (5.9) | 24.8 (5.6) | 25.2 (5.9) |
| Year of Delivery, %(n) |  |  |  |  |  |  |
| 2010 |  |  |  | 3.3 (1086) | 16.0 (3657) | 25.5 (163128) |
| 2011 | 0.1 (78) | 0.5 (102) | 0.6 (1985) | 8.4 (2794) | 30.1 (6877) | 26.9 (171868) |
| 2012 | 8.7 (9884) | 42.1 (8597) | 44.0 (137035) | 18.3 (6083) | 31.6 (7215) | 25.5 (162887) |
| 2013 | 23.5 (26785) | 23.8 (4850) | 26.5 (82537) | 36.6 (12167) | 16.0 (3644) | 14.8 (94501) |
| 2014 | 41.0 (46812) | 22.5 (4586) | 19.3 (59960) | 33.5 (11156) | 6.3 (1428) | 7.3 (46771) |
| 2015 | 26.8 (30508) | 11.2 (2280) | 9.5 (29639) |  |  |  |
| Race |  |  |  |  |  |  |
| American Indian |  |  |  | 2.3 (771) | 2.3 (526) | 1.5 (9427) |
| Asian/Pacific islander |  |  |  | 7.4 (2462) | 3.4 (764) | 5.2 (32984) |
| Black or African American |  |  |  | 21.0 (6989) | 26.3 (5993) | 28.6 (185065) |
| Hispanic/Latino |  |  |  | 19.9 (6635) | 11.5 (2612) | 17.8 (113829) |
| White |  |  |  | 39.2 (13037) | 48.5 (11057) | 37.2 (237755) |
| Other/Unknown |  |  |  | 10.2 (3392) | 8.2 (1869) | 9.4 (60095) |
| Region, n(%) |  |  |  |  |  |  |
| Northeast | 18.9 (21558) | 17.2 (3502) | 21.1 (65604) | 14.7 (4888) | 23.4 (5331) | 19.6 (125351) |
| North Central | 27.8 (31713) | 21.3 (4346) | 23.5 (73128) | 34.7 (11560) | 34.2 (7808) | 24.5 (156301) |
| South | 32.2 (36711) | 43.7 (8921) | 38.7 (120484) | 12.3 (4107) | 26.4 (6017) | 26.0 (166049) |
| West | 21.1 (24085) | 17.9 (3646) | 16.7 (51940) | 38.3 (12731) | 16.1 (3665) | 30.0 (191454) |
| Metropolitan Statistical Area, %(n) | 91.8 (104705) | 87.9 (17950) | 88.7 (276133) | 82.7 (27532) | 75.4 (17205) | 82.7 (528641) |
| **Healthcare utilization variables** |  |  |  |  |  |  |
| Healthcare visits, baseline, mean (SD) | 2.5 (3.7) | 2.2 (3.4) | 2.4 (3.6) | 2.6 (5.2) | 2.4 (4.2) | 2.2 (3.9) |
| Healthcare visits, pregnancy, mean (SD)\* | 7.4 (5.1) | 6.9 (5.0) | 7.2 (5.1) | 8.5 (7.9) | 7.4 (6.4) | 6.9 (6.0) |
| Generic medications, baseline, mean (SD) | 1.6 (2.4) | 1.5 (2.3) | 1.6 (2.4) | 1.9 (2.6) | 2.0 (2.6) | 1.8 (2.5) |
| Generic medications, pregnancy, mean (SD)\* | 2.0 (2.3) | 2.1 (2.2) | 2.1 (2.4) | 3.5 (3.2) | 3.4 (3.0) | 3.3 (3.0) |
| Flu vaccine, pregnancy %(n) | 51.5 (58708) | 30.7 (6269) | 25.8 (80130) | 48.4 (16113) | 19.0 (4337) | 14.1 (89827) |
| Ultrasound, %(n) | 98.0 (111793) | 96.4 (19690) | 96.4 (300040) | 79.0 (26283) | 72.9 (16632) | 68.4 (437029) |
| **Pertussis risk factors** |  |  |  |  |  |  |
| Preterm, %(n) | 8.5 (9639) | 9.7 (1979) | 10.9 (33904) | 8.1 (2693) | 8.7 (1990) | 10.4 (66364) |
| Post-term, %(n) | 16.2 (18521) | 11.8 (2412) | 11.6 (36146) | 5.6 (1856) | 9.1 (2082) | 9.6 (61063) |
| Multiparous, %(n) | 52.1 (59455) | 55.4 (11307) | 60.0 (186767) | 81.5 (27124) | 76.0 (17338) | 76.9 (491221) |
| Uptick in pertussis, %(n) | 32.9 (37562) | 36.5 (7449) | 34.1 (106178) | 26.5 (8830) | 33.1 (7549) | 33.0 (210768) |
| High pertussis before week 27, %(n) | 11.0 (12554) | 9.1 (1857) | 9.8 (30385) | 7.1 (2365) | 13.2 (3017) | 10.2 (64939) |