| **Table.** Characteristics of Full-term Singleton Births in Massachusetts from 2001 to 2015a | | | |
| --- | --- | --- | --- |
|  | **Overall (N=881666)** | **Normal birth weight (N=862883)** | **Low birth weight (N=18783)** |
| **Birth weight (g)** | | | |
| mean (SD) | 3440.00 (470.86) | 3464.91 (442.98) | 2295.86 (233.47) |
| **Average BC exposure over 30 days prior to the delivery date (μg/m3)** | | | |
| mean (SD) | 0.47 (0.14) | 0.47 (0.14) | 0.48 (0.14) |
| **Average BC exposure over 90 days prior to the delivery date (μg/m3)** | | | |
| mean (SD) | 0.47 (0.13) | 0.47 (0.13) | 0.48 (0.14) |
| **Average BC exposure over full period pregnancy (μg/m3)** | | | |
| mean (SD) | 0.48 (0.12) | 0.48 (0.12) | 0.49 (0.13) |
| **Maternal age (years)** | | | |
| mean (SD) | 30.11 (5.94) | 30.13 (5.92) | 29.02 (6.47) |
| **Smoking before pregnancy (# of daily cigarettes)** | | | |
| mean (SD) | 1.63 (5.68) | 1.59 (5.64) | 3.10 (7.09) |
| **Smoking during pregnancy (# of daily cigarettes)** | | | |
| mean (SD) | 0.55 (2.61) | 0.53 (2.52) | 1.50 (5.40) |
| **Clinical gestational age (weeks)** | | | |
| mean (SD) | 39.32 (1.14) | 39.35 (1.13) | 38.14 (1.17) |
| **Newborn sex = Female** (%) | 431921 (49.0) | 420738 (48.8) | 11183 (59.5) |
| **Mother is married** (%) | 605182 (68.6) | 595027 (69.0) | 10155 (54.1) |
| **Maternal race** (%) |  |  |  |
| White | 642193 (72.8) | 630640 (73.1) | 11553 (61.5) |
| Black | 76524 ( 8.7) | 73908 ( 8.6) | 2616 (13.9) |
| Asian/Pacific Islander | 68757 ( 7.8) | 66702 ( 7.7) | 2055 (10.9) |
| Other | 94192 (10.7) | 91633 (10.6) | 2559 (13.6) |
| **Maternal education** (%) |  |  |  |
| Less than high school | 92251 (10.5) | 89150 (10.3) | 3101 (16.5) |
| High school/General Education Diploma | 203196 (23.0) | 197590 (22.9) | 5606 (29.8) |
| Some college | 202240 (22.9) | 197927 (22.9) | 4313 (23.0) |
| Bachelor | 230255 (26.1) | 226816 (26.3) | 3439 (18.3) |
| Advanced degree beyond bachelor | 153724 (17.4) | 151400 (17.5) | 2324 (12.4) |
| **Government support for prenatal care** (%) | 294136 (33.4) | 285402 (33.1) | 8734 (46.5) |
| **Firstborn child** (%) | 398820 (45.2) | 388239 (45.0) | 10581 (56.3) |
| **The APNCU index** (%) |  |  |  |
| Inadequate | 75518 ( 8.6) | 73274 ( 8.5) | 2244 (11.9) |
| Intermediate | 68619 ( 7.8) | 67393 ( 7.8) | 1226 ( 6.5) |
| Appropriate | 430083 (48.8) | 423822 (49.1) | 6261 (33.3) |
| Appropriate Plus | 307446 (34.9) | 298394 (34.6) | 9052 (48.2) |
| **Maternal weight change during pregnancy (lb.)** (%) | | | |
| <0 | 3328 ( 0.4) | 3185 ( 0.4) | 143 ( 0.8) |
| [0,15) | 73345 ( 8.3) | 70588 ( 8.2) | 2757 (14.7) |
| [15-25) | 192488 (21.8) | 186788 (21.6) | 5700 (30.3) |
| [25-36) | 372314 (42.2) | 365096 (42.3) | 7218 (38.4) |
| ≥36 | 240191 (27.2) | 237226 (27.5) | 2965 (15.8) |
| rf\_db\_gest = 1 (%) | 37263 ( 4.2) | 36457 ( 4.2) | 806 ( 4.3) |
| rf\_db\_other = 1 (%) | 7289 ( 0.8) | 7121 ( 0.8) | 168 ( 0.9) |
| rf\_hbp\_pregn = 1 (%) | 30372 ( 3.4) | 28906 ( 3.3) | 1466 ( 7.8) |
| rf\_hbp\_chronic = 1 (%) | 10596 ( 1.2) | 10066 ( 1.2) | 530 ( 2.8) |
| rf\_cervix = 1 (%) | 3117 ( 0.4) | 2963 ( 0.3) | 154 ( 0.8) |
| rf\_prev\_4kg = 1 (%) | 5864 ( 0.7) | 5853 ( 0.7) | 11 ( 0.1) |
| rf\_prev\_sga = 1 (%) | 7003 ( 0.8) | 6589 ( 0.8) | 414 ( 2.2) |