Supplemental Table 5: Descriptive Statistics by Birth Defect Type

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| --- | --- | --- | --- | --- | --- |
|  | **Controls,**  ***n* (%)** | **Cleft lip with or without cleft palate, *n* (%)** | **Cleft palate without cleft lip,**  ***n* (%)** | **Eye defects, *n* (%)** | **Ear defects, *n* (%)** |
| Total Births | 3,660 (100) | 147 (100) | 131 (100) | 67 (100) | 26 (100) |
| **Infant Sex** | | | | | |
| Male | 1,880 (51.4) | 90 (61.2) | 62 (47.3) | 30 (44.8) | 16 (61.5) |
| Female | 1,780 (48.6) | 57 (38.8) | 69 (52.7) | 37 (55.2) | 10 (38.5) |
| **Maternal Age (year)** | | | | | |
| ≤20 | 336 (9.2) | 17 (11.6) | 12 (9.2) | 7 (10.4) | 4 (15.4) |
| >20–25 | 613 (16.7) | 33 (22.4) | 23 (17.6) | 15 (22.4) | 4 (15.4) |
| >25–30 | 961 (26.3) | 31 (21.1) | 34 (26.0) | 17 (25.4) | 3 (11.5) |
| >30–35 | 1,120 (30.6) | 38 (25.9) | 40 (30.5) | 15 (22.4) | 12 (46.2) |
| >35–40 | 544 (14.9) | 26 (17.7) | 17 (13.0) | 11 (16.4) | 3 (11.5) |
| >40 | 86 (2.3) | 2 (1.4) | 5 (3.8) | 2 (3.0) | 0 (0) |
| **Maternal Race** | | | | | |
| White | 2,401 (65.6) | 94 (63.9) | 91 (69.5) | 49 (73.1) | 18 (69.2) |
| African American | 365 (10.0) | 11 (7.5) | 5 (3.8) | 6 (9.0) | 1 (3.8) |
| Asian | 279 (7.6) | 12 (8.2) | 13 (9.9) | 4 (6.0) | 0 (0) |
| Others | 611 (16.7) | 30 (20.4) | 22 (16.8) | 8 (11.9) | 7 (26.9) |
| Missing | 4 (0.1) | 0 (0) | 0 (0) | 0 (0) | 0 (0) |
| **Maternal Education** | | | | | |
| Below high school graduate | 444 (12.1) | 28 (19.0) | 13 (9.9) | 8 (11.9) | 6 (23.1) |
| High school graduate/GED | 951 (26.0) | 46 (31.3) | 42 (32.1) | 25 (37.3) | 9 (34.6) |
| Some college or associates | 745 (20.4) | 24 (16.3) | 35 (26.7) | 14 (20.9) | 4 (15.4) |
| College or higher | 1,520 (41.5) | 49 (33.3) | 41 (31.3) | 20 (29.9) | 7 (26.9) |
| **Marital Status** | | | | | |
| Married | 2,539 (69.4) | 88 (59.9) | 80 (61.1) | 45 (67.2) | 14 (53.8) |
| Unmarried | 1,121 (30.6) | 59 (40.1) | 51 (38.9) | 22 (32.8) | 12 (46.2) |
| **Number of Previous Births** | | | | | |
| 0 | 1,662 (45.4) | 70 (47.6) | 60 (45.8) | 28 (41.8) | 13 (50.0) |
| 1 | 1,195 (32.7) | 44 (29.9) | 45 (34.4) | 26 (38.8) | 6 (23.1) |
| ≥2 | 798 (21.8) | 33 (22.4) | 26 (19.8) | 13 (19.4) | 7 (26.9) |
| Missing | 5 (0.1) | 0 (0) | 0 (0) | 0 (0) | 0 (0) |
| **Maternal Weight Gain during Pregnancy** | | | | | |
| <0 | 48 (1.3) | 3 (2.0) | 0 (0) | 2 (3.0) | 1 (3.8) |
| 0–25 | 1,389 (38.0) | 56 (38.1) | 67 (51.1) | 28 (41.8) | 7 (26.9) |
| 25–50 | 2,073 (56.6) | 81 (55.1) | 60 (45.8) | 34 (50.7) | 16 (61.5) |
| >50 | 118 (3.2) | 7 (4.8) | 3 (2.3) | 3 (4.5) | 1 (3.8) |
| Missing | 32 (0.9) | 0 (0) | 1 (0.8) | 0 (0) | 1 (3.8) |
| **Maternal Smoking during Pregnancy (# cigarettes during pregnancy)** | | | | | |
| 0 | 3,373 (92.2) | 135 (91.8) | 114 (87.0) | 62 (92.5) | 24 (92.3) |
| 1–5 | 112 (3.1) | 3 (2.0) | 4 (3.1) | 3 (4.5) | 0 (0) |
| 6–10 | 115 (3.1) | 5 (3.4) | 10 (7.6) | 2 (3.0) | 2 (7.7) |
| >10 | 60 (1.6) | 4 (2.7) | 3 (2.3) | 0 (0) | 0 (0) |
| **Number of Prenatal Care Visits** | | | | | |
| <9 | 376 (10.3) | 20 (13.6) | 18 (13.7) | 5 (7.5) | 5 (19.2) |
| 9-11 | 919 (25.1) | 27 (18.4) | 30 (22.9) | 15 (22.4) | 4 (15.4) |
| 12 | 1080 (29.5) | 45 (30.6) | 34 (26.0) | 16 (23.9) | 6 (23.1) |
| 13-15 | 939 (25.7) | 40 (27.2) | 35 (26.7) | 24 (35.8) | 7 (26.9) |
| >15 | 330 (9.0) | 15 (10.2) | 13 (9.9) | 7 (10.4) | 3 (11.5) |
| Missing | 16 (0.4) | 0 (0) | 1 (0.8) | 0 (0) | 1 (3.8) |
| **Prenatal Care Source of Payment** | | | | | |
| Public | 968 (26.4) | 45 (30.6) | 47 (35.9) | 18 (26.9) | 8 (30.8) |
| Private | 2,409 (65.8) | 90 (61.2) | 77 (58.8) | 43 (64.2) | 12 (46.2) |
| Other | 283 (7.7) | 12 (8.2) | 7 (5.3) | 6 (9.0) | 6 (23.1) |
| **Trimester Prenatal Care Began** | | | | | |
| First trimester | 2987 (81.6) | 111 (75.5) | 106 (80.9) | 56 (83.6) | 24 (92.3) |
| After first trimester | 657 (18.0) | 36 (24.5) | 25 (19.1) | 11 (16.4) | 2 (7.7) |
| Missing | 16 (0.4) | 0 (0) | 0 (0) | 0 (0) | 0 (0) |
| **Median Household Income (based on ZIP code from 2000)** | | | | | |
| $12,307–36,836 | 901 (24.6) | 39 (26.5) | 38 (29.0) | 19 (28.4) | 10 (38.5) |
| >$36,836–45,654 | 865 (23.6) | 34 (23.1) | 35 (26.7) | 15 (22.4) | 3 (11.5) |
| >$45,654–57,815 | 908 (24.8) | 37 (25.2) | 32 (24.4) | 18 (26.9) | 4 (15.4) |
| >$57,815–153,918 | 986 (26.9) | 37 (25.2) | 26 (19.8) | 15 (22.4) | 9 (34.6) |
| **Complications during labor and delivery** | | | | | |
| Yes | 898 (22.3) | 38 (25.9) | 30 (22.9) | 23 (34.3) | 9 (34.6) |
| No | 3,118 (77.4) | 108 (73.5) | 101 (77.1) | 44 (65.7) | 17 (65.4) |
| Missing | 10 (0.2) | 1 (0.7) | 0 (0) | 0 (0) | 0 (0) |
| **Induced labor** | | | | | |
| Yes | 724 (18.0) | 34 (23.1) | 18 (13.7) | 14 (20.9) | 7 (26.9) |
| No | 3,293 (81.8) | 112 (76.2) | 113 (86.3) | 53 (79.1) | 19 (73.1) |
| Missing | 9 (0.2) | 1 (0.7) | 0 (0) | 0 (0) | 0 (0) |