**Supplemental Material**

**Supplemental Figure 1.** Annual NICU admission rates by insurance type among neonates born with cyanotic CHD, 2009 to 2018.

**Supplemental Table 1**. Maternal and neonatal characteristics of NH White, NH Black, and Hispanic neonatal born with cyanotic CHD between 2009 and 2018 and identified in CDC natality files.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **NH White** | **Hispanic** | **NH Black** | **Overall** | **P-Value** |
| **(N=15672)** | **(N=3844)** | **(N=2857)** | **(N=22373)** |
| **Sex, n (%)** |  |  |  |  | <0.001 |
| Female | 6841 (43.7%) | 1761 (45.8%) | 1340 (46.9%) | 9942 (44.4%) |
| Male | 8831 (56.3%) | 2083 (54.2%) | 1517 (53.1%) | 12431 (55.6%) |
| **Birthweight, grams, Median (IQR)** | 3060 (2490 to 3490) | 3000 (2410 to 3440) | 2860 (2260 to 3320) | 3030 (2440 to 3460 | <0.001 |
| **Maternal Age, years, Median (IQR)** | 29 (25 to 33) | 28 (23 to 33) | 27 (23 to 33) | 29 (24 to 33) | <0.001 |
| **Smoker, n (%)** | 2255 (14.4%) | 177 (4.6%) | 330 (11.6%) | 2762 (12.3%) | <0.001 |
| **Pre-Pregnancy Diabetes, n (%)** | 474 (3.0%) | 216 (5.6%) | 143 (5.0%) | 833 (3.7%) | <0.001 |
| **Gestational Diabetes, n (%)** | 1115 (7.1%) | 411 (10.7%) | 211 (7.4%) | 1737 (7.8%) | <0.001 |
| **Pre-Pregnancy Hypertension, n (%)** | 488 (3.1%) | 111 (2.9%) | 196 (6.9%) | 795 (3.6%) | <0.001 |
| **Gestational Hypertension, n (%)** | 1278 (8.2%) | 310 (8.1%) | 255 (8.9%) | 1843 (8.2%) | 0.34 |
| **Pre-Term Birth, n (%)** | 6126 (39.1%) | 1610 (41.9%) | 1281 (44.8%) | 9017 (40.3%) | <0.001 |
| **Trimester of Start of Prenatal Care, n (%)** |  |  |  |  | <0.001 |
| First Trimester | 11316 (72.2%) | 2431 (63.2%) | 1743 (61.0%) | 15490 (69.2%) |
| Second Trimester | 2428 (15.5%) | 863 (22.5%) | 649 (22.7%) | 3940 (17.6%) |
| Third Trimester | 991 (6.3%) | 325 (8.5%) | 251 (8.8%) | 1567 (7.0%) |
| **WIC, n (%)** | 4179 (26.7%) | 2271 (59.1%) | 1617 (56.6%) | 8067 (36.1%) | <0.001 |
| **Educational Attainment, n (%)** |  |  |  |  | <0.001 |
| Less than high school | 1232 (7.9%) | 1337 (34.8%) | 529 (18.5%) | 3098 (13.8%) |
| High school diploma/GED | 3299 (21.1%) | 1149 (29.9%) | 943 (33.0%) | 5391 (24.1%) |
| Some College | 3391 (21.6%) | 702 (18.3%) | 680 (23.8%) | 4773 (21.3%) |
| Associates or Bachelors | 5453 (34.8%) | 472 (12.3%) | 500 (17.5%) | 6425 (28.7%) |
| Masters and Higher | 2134 (13.6%) | 117 (3.0%) | 156 (5.5%) | 2407 (10.8%) |
| **Source of Payment for Delivery, n (%)** |  |  |  |  | <0.001 |
| Medicaid & Other Public | 4592 (31.6%) | 2262 (58.8%) | 1895 (66.3%) | 9109 (40.7%) |
| Private | 9890 (63.1%) | 1033 (26.9%) | 787 (27.5%) | 11710 (52.3%) |
| Self-Pay | 362 (2.3%) | 268 (7.0%) | 66 (2.3%) | 696 (3.1%) |
| Other | 189 (1.2%) | 88 (2.3%) | 50 (1.8%) | 327 (1.5%) |
| **NICU Admission, n (%)** | 12038 (76.8%) | 2900 (75.4%) | 2334 (81.7%) | 17272 (77.2%) | <0.001 |

P-values presented for Kruskal-Wallis tests (to compare medians) of continuous variables and for Chi-Square tests (to compare proportions) of categorical variables across the three race/ethnicity groups: NH White, Hispanic, NH Black.