

Table 3. Logistic regression coefficients indicating effect of maternal age on the likelihood of low birth weight, by race, according to adjustment for variables

| Variable | White | | | Black | | |
|---|------------|-------------------------------|---|------------|-------------------------------|---|
| | Unadjusted | Adjusted for medical controls | Adjusted for medical and socio-economic controls† | Unadjusted | Adjusted for medical controls | Adjusted for medical and socio-economic controls† |
| Age | | | | | | |
| <15 | 1.57*** | 1.20*** | 0.78** | 0.09 | 0.10 | -0.04 |
| 15–17 | 0.91*** | 0.58*** | 0.23** | -0.01 | -0.02 | -0.16* |
| 18–19 | 0.70*** | 0.32*** | 0.01 | -0.01 | -0.04 | -0.21** |
| 20–24 | 0.32*** | 0.16*** | 0.01 | -0.02 | -0.03 | -0.12* |
| 30–34 | 0.01 | 0.11** | 0.16*** | 0.04 | 0.10 | 0.16** |
| 35–39 | 0.16*** | 0.29*** | 0.34*** | -0.02 | 0.13 | 0.21* |
| ≥40 | 0.55*** | 0.66*** | 0.67*** | 0.02 | 0.15 | 0.21 |
| Smoked during pregnancy | na | 0.71*** | 0.68*** | na | 0.64*** | 0.54*** |
| Used alcohol | | | | | | |
| during pregnancy | na | 0.04 | 0.03 | na | 0.53*** | 0.48*** |
| Had recent live birth | na | 0.20*** | 0.21*** | na | 0.30*** | 0.30*** |
| Female baby | na | 0.21*** | 0.21*** | na | 0.22*** | 0.22*** |
| Mother diabetic | na | 0.05 | 0.03 | na | -0.22 | -0.20 |
| Pregnancy-related | | | | | | |
| hypertension | na | 1.23*** | 1.24*** | na | 0.90*** | 0.92*** |
| Had prior abortion or miscarriage | na | 0.12*** | 0.12*** | na | 0.14*** | 0.15*** |
| First birth | na | 0.41*** | 0.46*** | na | 0.22*** | 0.23*** |
| Had child who died | na | 0.55*** | 0.51*** | na | 0.49*** | 0.47*** |
| Obtained prenatal care in first trimester | na | -0.35*** | -0.18*** | na | -0.31*** | -0.24*** |
| Age-appropriate education | na | na | -0.16*** | na | na | -0.21*** |
| Insurance | | | | | | |
| Medicaid | na | na | 0.21*** | na | na | 0.12* |
| Uninsured | na | na | 0.23*** | na | na | 0.22*** |
| Married at birth | na | na | -0.24*** | na | na | -0.33*** |
| Baby born in 1990 | na | na | 0.01 | na | na | -0.01 |
| City size | | | | | | |
| ≥75,000 | na | na | 0.29*** | na | na | 0.07 |
| 50,000–74,999 | na | na | 0.15** | na | na | 0.02 |
| Intercept | -3.28*** | -3.54*** | -3.43*** | -2.03*** | -2.45*** | -2.57*** |
| Model fit (χ^2) | 393.4 | 1,491.9 | 1,878.9 | 1.88 | 784.3 | 978.4 |
| df | 7 | 17 | 44 | 7 | 17 | 44 |
| N | 162,112 | 145,038 | 145,019 | 41,713 | 35,699 | 35,696 |

*p<.05. **p<.01. ***p<.001. †Also includes controls for county of residence. Notes: In this and subsequent tables, reference category for maternal age is 25–29-year-olds. Reference category for Medicaid and uninsured is privately insured; and reference category for city size is 50,000 residents. Ns differ slightly throughout the tables because of missing values. na=not applicable.