**SUPPLEMENTARY TABLE. Trends in nonsupine sleep positioning, by maternal characteristics and state —Pregnancy Risk Assessment Monitoring System, 15 states, 2009–2015**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **2015** | **p-value linear trend test** |
| **% (95% CI)\*** | **% (95% CI)\*** | **% (95% CI)\*** | **% (95% CI)\*** | **% (95% CI)\*** | **% (95% CI)\*** | **% (95% CI)\*** |
| **Total** | 27.2 (26.3–28.1) | 25.8 (24.9–26.8) | 23.4 (22.6–24.3) | 23.1 (22.1–24.2) | 22.0 (21.1–22.9) | 22.5 (21.6–23.4) | 19.4 (18.6–20.2) | <0.0001 |
| **Maternal race/ethnicity** | | | | | | | | |
| White, non-Hispanic | 18.5 (18.1–19.0) | 22.8 (21.7–23.9) | 20.6 (19.5–21.7) | 18.3 (17.2–19.4) | 17.8 (16.6–19.1) | 17.4 (16.4–18.6) | 17.6 (16.5–18.7) | <0.0001 |
| Black, non-Hispanic | 40.3 (39.0–41.5) | 45.4 (42.2–48.6) | 41.2 (38.0–44.6) | 41.4 (38.3–44.6) | 41.6 (37.8–45.5) | 39.7 (36.4–43.1) | 38.3 (35.2–41.4) | <0.0001 |
| Hispanic | 29.8 (28.9–30.7) | 32.3 (30.0–34.6) | 33.6 (31.3–36.0) | 31.8 (29.5–34.3) | 29.1 (26.6–31.8) | 26.7 (24.4–29.0) | 29.0 (26.8–31.3) | <0.0001 |
| Asian or Pacific Islander, non-Hispanic | 21.0 (20.0–22.0) | 22.2 (19.7–24.9) | 24.9 (22.3–27.7) | 19.7 (17.3–22.4) | 21.3 (18.6–24.2) | 19.4 (17.0–22.1) | 20.7 (18.1–23.6) | 0.0046 |
| American Indian or Alaska Native, non-Hispanic | 24.5 (21.5–27.7) | 23.5 (17.3–31.0) | 29.0 (21.6–37.8) | 21.9 (15.0–30.9) | 28.0 (19.8–37.8) | 27.9 (19.7–38.0) | 23.3 (15.4–33.6) | 0.3571 |
| **Maternal age group (years)** | | | | | | | | |
| <20 | 36.7 (33.2–40.3) | 37.5 (33.8–41.5) | 32.9 (29.1–37.0) | 35.4 (30.7–40.5) | 33.0 (28.5–37.9) | 32.5 (28.0–37.4) | 28.9 (24.8–33.4) | 0.0036 |
| 20–24 | 33.1 (30.9–35.3) | 30.1 (28.0–32.3) | 28.2 (26.2–30.3) | 29.1 (26.6–31.8) | 28.7 (26.5–31.1) | 28.5 (26.3–30.7) | 25.4 (23.3–27.6) | <0.0001 |
| 25–34 | 24.5 (23.3–25.7) | 23.8 (22.6–25.0) | 20.8 (19.7–22.0) | 20.6 (19.4–21.9) | 20.1 (19.0–21.3) | 20.3 (19.2–21.4) | 17.7 (16.7–18.7) | <0.0001 |
| ≥35 | 22.5 (20.5–24.8) | 21.3 (19.4–23.4) | 21.9 (19.8–24.1) | 19.7 (17.5–22.2) | 16.8 (15.0–18.9) | 20.1 (18.1–22.2) | 16.1 (14.4–17.9) | <0.0001 |
| **Maternal education (years)** | | | | | | | | |
| <12 | 37.2 (34.5–39.9) | 36.8 (34.2–39.5) | 31.6 (28.9–34.5) | 34.8 (31.6–38.2) | 33.8 (30.8–36.9) | 34.3 (31.3–37.4) | 26.4 (23.9–29.2) | <0.0001 |
| 12 | 31.6 (29.7–33.5) | 30.3 (28.3–32.3) | 30.2 (28.2–32.2) | 28.2 (25.9–30.6) | 27.2 (25.1–29.4) | 25.7 (23.8–27.7) | 24.9 (23.0–26.9) | <0.0001 |
| >12 | 22.4 (21.3–23.5) | 21.2 (20.1–22.3) | 19.1 (18.1–20.1) | 18.7 (17.6–19.9) | 18.0 (17.0–19.0) | 19.1 (18.1–20.1) | 16.1 (15.2–17.0) | <0.0001 |
| **WIC participation during pregnancy** | | | | | | | | |
| No | 22.6 (21.5–23.8) | 20.8 (19.7–21.9) | 18.7 (17.7–19.8) | 17.4 (16.3–18.7) | 17.2 (16.2–18.3) | 18.1 (17.0–19.2) | 15.1 (14.2–16.1) | <0.0001 |
| Yes | 33.3 (31.8–34.8) | 32.1 (30.7–33.7) | 29.6 (28.2–31.2) | 30.7 (29.0–32.5) | 28.6 (27.1–30.2) | 28.9 (27.4–30.5) | 25.7 (24.3–27.1) | <0.0001 |
| **State** | | | | | | | | |
| Delaware | 31.5 (28.8–34.4) | 29.1 (26.4–32.0) | 27.0 (24.2–29.9) | 23.0 (20.4–25.9) | 21.3 (18.7–24.2) | 20.3 (17.7–23.2) | 18.7 (16.1–21.5) | <0.0001 |
| Hawaii | 23.1 (20.6–25.8) | 25.5 (22.8–28.4) | 21.9 (19.3–24.7) | 18.0 (15.6–20.6) | 20.8 (18.0–23.8) | 21.4 (18.5–24.7) | 18.5 (15.8–21.5) | 0.0025 |
| Illinois | 28.4 (26.0–30.9) | 28.1 (25.7–30.7) | 24.6 (22.3–27.2) | 22.4 (19.6–25.4) | 22.5 (20.0–25.2) | 22.2 (19.9–24.7) | 19.1 (17.0–21.4) | <0.0001 |
| Maryland | 26.5 (23.2–30.0) | 28.5 (24.9–32.3) | 23.0 (19.6–26.8) | 26.7 (23.3–30.4) | 27.6 (24.7–30.6) | 24.0 (21.4–26.8) | 25.4 (22.7–28.3) | 0.3712 |
| Massachusetts | 21.4 (18.8–24.2) | 22.6 (19.8–25.6) | 20.4 (18.0–23.1) | 20.0 (17.6–22.7) | 17.3 (15.0–19.9) | 14.9 (12.8–17.3) | 14.2 (12.1–16.5) | <0.0001 |
| Missouri | 28.3 (25.5–31.4) | 26.1 (23.4–28.9) | 22.8 (20.1–25.8) | 23.0 (19.9–26.5) | 23.1 (20.4–26.0) | 24.5 (21.7–27.6) | 20.6 (17.9–23.5) | 0.0007 |
| Nebraska | 21.7 (19.5–24.0) | 21.0 (18.9–23.2) | 18.3 (16.3–20.5) | 17.9 (15.4–20.7) | 19.1 (17.0–21.4) | 16.5 (14.3–19.0) | 15.9 (13.8–18.2) | <0.0001 |
| New Jersey | 34.3 (31.8–37.0) | 32.6 (30.1–35.2) | 31.1 (28.6–33.7) | 29.9 (27.0–32.9) | 30.5 (27.4–33.9) | 29.2 (26.6–32.0) | 29.5 (26.8–32.3) | 0.0024 |
| Oklahoma | 35.1 (31.7–38.8) | 33.6 (30.0–37.3) | 30.1 (26.5–34.0) | 27.4 (23.9–31.2) | 32.2 (28.4–36.1) | 24.7 (21.2–28.4) | 18.8 (16.0–21.9) | <0.0001 |
| Pennsylvania | 27.2 (24.1–30.4) | 21.6 (18.8–24.8) | 21.9 (19.2–24.9) | 20.7 (17.5–24.3) | 17.6 (15.1–20.5) | 23.3 (20.4–26.4) | 16.0 (13.6–18.7) | <0.0001 |
| Utah | 22.9 (20.7–25.2) | 22.3 (20.2–24.7) | 19.9 (17.7–22.3) | 20.1 (17.8–22.6) | 18.6 (16.2–21.2) | 19.4 (17.0–21.9) | 16.4 (14.1–18.9) | <0.0001 |
| Vermont | 19.3 (17.0–21.9) | 15.4 (13.3–17.8) | 15.9 (13.8–18.2) | 15.3 (13.2–17.8) | 13.9 (11.7–16.4) | 13.8 (11.7–16.1) | 15.3 (13.0–18.0) | 0.0070 |
| Washington | 21.2 (18.6–24.1) | 20.7 (18.1–23.4) | 18.6 (16.0–21.4) | 23.9 (20.6–27.5) | 17.9 (15.3–20.9) | 21.2 (18.6–24.2) | 17.5 (15.1–20.2) | 0.1378 |
| West Virginia | 29.8 (27.1–32.7) | 26.7 (23.9–29.7) | 24.7 (22.1–27.5) | 22.4 (19.4–25.8) | 23.4 (20.6–26.5) | 20.5 (17.7–23.6) | 16.3 (13.7–19.3) | <0.0001 |
| Wyoming | 23.9 (20.8–27.4) | 18.8 (16.1–21.9) | 17.5 (14.3–21.1) | 14.5 (11.3–18.4) | 18.0 (14.5–22.1) | 18.5 (15.1–22.5) | 12.5 (9.6–16.2) | 0.0002 |

**Abbreviations**: CI = confidence interval; WIC = The Special Supplemental Nutrition Program for Women, Infants, and Children.

\* Weighted percentage.