**Appendix C. Use of postpartum contraception by insurance status among women aged 15-44 years who recently had a live birth and were at risk for unintended pregnancy\*—selected states where mosquito-borne transmission may be possible, Pregnancy Risk Assessment Monitoring System (PRAMS) and Maternal Infant and Health Assessment (MIHA)**†**, 2013**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Highly effective, reversible (LARC)**§ | | | | | | |
|  | | **Insurance type**†† | | | | | |
|  | | **Private insurance** | | **Medicaid** | | **None** | |
|  | | **%** | **95% CI** | **%** | **95% CI** | **%** | **95% CI** |
| *State* | |  |  |  |  |  |  |
| Arkansas | | 12.6 | (8.3-18.6) | 10.3 | (4.8-20.8) | 15.2 | (9.3-23.9) |
| California | | 15.4 | (12.9-18.0) | 17.8 | (14.6-21.1) | 10.9 | (8.1-13.7) |
| Colorado | | 20.8 | (17.4-24.7) | 31.6 | (25.3-38.6) | 23.9 | (16.0-34.0) |
| Connecticut | | 16.3 | (12.5-21.1) | 28.9 | (22.6-36.3) | 27.6 | (18.3-39.2) |
| Florida | | 12.8 | (9.6-16.9) | 16.3 | (12.0-21.7) | 15.0 | (10.6-20.8) |
| Georgia | | 17.0 | (11.2-25.0) | 21.2 | (10.0-39.4) | 19.0 | (12.6-27.5) |
| Hawaii | | 16.6 | (13.2-20.8) | 18.4 | (13.8-24.0) | 29.7§§ | (15.0-50.3) |
| Illinois | | 10.8 | (8.5-13.7) | 23.6 | (19.1-28.8) | 22.4 | (15.4-31.3) |
| Iowa | | 17.5 | (13.7-22.1) | 24.0 | (16.0-34.3) | 20.2 | (12.1-31.7) |
| Louisiana | | 9.9 | (7.0-13.9) | 11.7 | (7.9-17.0) | 11.6 | (7.5-17.4) |
| Maine | | 23.0 | (18.7-28.0) | 27.8 | (22.5-33.8) | 25.2§§ | (14.4-40.3) |
| Maryland | | 10.7 | (8.1-14.0) | 17.8 | (12.4-24.9) | 13.8 | (8.6-21.3) |
| Massachusetts | | 17.1 | (13.6-21.4) | 28.6 | (23.3-34.6) | 15.8§§ | (6.5-33.8) |
| Minnesota | | 16.4 | (13.7-19.5) | 30.7 | (23.8-38.6) | 24.8 | (15.4-37.6) |
| Missouri | | 15.4 | (12.4-18.9) | 26.0 | (20.1-32.8) | 22.2 | (16.2-29.5) |
| Nebraska | | 15.0 | (12.4-18.1) | 20.0 | (14.4-27.0) | 19.8 | (14.8-26.0) |
| New Hampshire | | 21.7 | (16.9-27.4) | 29.3 | (18.3-43.4) | 25.8 | (16.7-37.7) |
| New Jersey | | 5.6 | (3.6- 8.7) | 10.7 | (6.1-18.3) | 5.3 | (2.5-10.8) |
| New Mexico | | 22.4 | (18.8-26.6) | 31.2 | (26.8-35.9) | 27.7 | (22.7-33.4) |
| New York¶¶ | | 9.6 | (6.6-13.7) | 18.0 | (12.1-25.8) | 11.9 | (4.6-27.4) |
| Ohio | | 11.1 | (8.5-14.4) | 19.3 | (14.8-24.8) | 11.2§§ | (4.9-23.5) |
| Oklahoma | | 17.7 | (13.5-22.9) | 21.3 | (12.9-33.2) | 20.1 | (14.4-27.4) |
| Pennsylvania | | 11.0 | (8.2-14.5) | 18.7 | (13.2-25.7) | 12.2 | (6.5-21.7) |
| Rhode Island | | 22.4 | (18.8-26.5) | 30.0 | (24.9-35.7) | 20.2 | (12.5-31.0) |
| Tennessee | | 8.9 | (5.6-13.7) | 18.1 | (12.1-26.1) | 14.7 | (7.3-27.4) |
| Texas | | 14.9 | (11.5-19.2) | 22.4 | (14.1-33.8) | 11.8 | (8.1-16.8) |
| Utah | | 29.5 | (25.9-33.5) | 31.7 | (23.1-41.7) | 34.2 | (27.8-41.2) |
| Vermont | | 20.9 | (17.3-25.0) | 27.6 | (21.8-34.1) | 26.0§§ | (13.4-44.4) |
| Wisconsin | | 16.3 | (12.5-21.2) | 19.4 | (13.7-26.6) | 10.3 | (5.5-18.3) |

\* Women were considered at risk for unintended pregnancy if they were not currently pregnant, did not want a pregnancy, were sexually active (not abstinent), and did not report another reason they could not get pregnant (i.e., had a same sex partner, had a hysterectomy/oopherectomy, or were infertile).

† MIHA is an annual population-based survey of California resident women with a live birth, with a sample size of 7,010 in 2013. Prevalence and 95% confidence intervals are weighted to represent all women with a live birth in California in 2013.

§ Highly effective, reversible contraceptive methods or long-acting reversible contraception (LARC) include intrauterine devices and implants.

¶ Moderately effective contraceptive methods include shots, pills, patch, and vaginal ring.

\*\*Less effective contraceptive methods include diaphragm, condoms (male or female), cervical cap, sponge, withdrawal, spermicide, fertility-based awareness methods, emergency contraception, and “other.” Respondents answering “other” were given the opportunity to write in a response, which was evaluated and re-classified into existing contraceptive method options as appropriate.

†† Other insurance not shown.

§§ Less than 60 respondents: interpret with caution.

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Note: Women using permanent contraception were included in the denominator for all estimates.

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Moderately effective**¶ | | | | | | |
|  | | **Insurance type**†† | | | | | |
|  | | **Private insurance** | | **Medicaid** | | **None** | |
|  | | **%** | **95% CI** | **%** | **95% CI** | **%** | **95% CI** |
| *State* | |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |
| Arkansas | | 37.5 | (30.4-45.2) | 39.6 | (28.6-51.8) | 30.9 | (22.7-40.4) |
| California | | 28.2 | (24.9-31.5) | 30.4 | (26.5-34.3) | 31.2 | (25.5-36.9) |
| Colorado | | 26.1 | (22.3-30.3) | 30.1 | (23.6-37.4) | 20.5 | (14.1-28.9) |
| Connecticut | | 25.8 | (21.4-30.8) | 39.7 | (32.8-46.9) | 17.5 | (10.8-27.1) |
| Florida | | 33.9 | (29.0-39.3) | 37.4 | (31.3-44.0) | 26.2 | (20.5-32.9) |
| Georgia | | 32.3 | (24.5-41.1) | 48.3 | (31.2-65.9) | 44.5 | (35.4-53.9) |
| Hawaii | | 32.1 | (27.7-36.8) | 37.1 | (31.2-43.5) | 21.2§§ | ( 9.6-40.4) |
| Illinois | | 31.4 | (27.6-35.4) | 44.1 | (38.5-49.7) | 20.5 | (13.4-30.0) |
| Iowa | | 40.6 | (35.2-46.3) | 36.6 | (26.9-47.4) | 19.5 | (12.4-29.4) |
| Louisiana | | 43.0 | (37.3-48.8) | 51.9 | (45.1-58.6) | 33.3 | (26.9-40.5) |
| Maine | | 24.7 | (20.3-29.7) | 33.7 | (28.1-39.9) | 21.4§§ | (11.5-36.2) |
| Maryland | | 31.7 | (27.6-36.2) | 41.6 | (33.9-49.8) | 32.9 | (25.1-41.7) |
| Massachusetts | | 30.9 | (26.4-35.9) | 36.6 | (30.4-43.3) | 31.8§§ | (14.6-56.0) |
| Minnesota | | 33.0 | (29.4-36.8) | 28.0 | (21.5-35.5) | 24.3 | (14.6-37.6) |
| Missouri | | 34.3 | (30.2-38.7) | 34.8 | (28.1-42.1) | 20.1 | (14.4-27.1) |
| Nebraska | | 31.6 | (28.0-35.5) | 37.1 | (29.7-45.2) | 31.1 | (25.4-37.5) |
| New Hampshire | | 28.6 | (23.4-34.3) | 38.0 | (25.5-52.4) | 24.1 | (15.3-35.7) |
| New Jersey | | 32.2 | (27.4-37.3) | 35.7 | (27.4-44.9) | 26.8 | (18.9-36.6) |
| New Mexico | | 34.8 | (30.5-39.3) | 34.6 | (30.2-39.2) | 29.6 | (24.7-35.0) |
| New York¶¶ | | 29.8 | (24.4-35.8) | 36.7 | (28.5-45.7) | 37.3 | (22.4-55.2) |
| Ohio | | 32.0 | (27.8-36.5) | 39.8 | (33.9-46.0) | 23.7§§ | (12.2-40.8) |
| Oklahoma | | 39.9 | (34.2-45.9) | 35.7 | (25.5-47.5) | 24.5 | (18.2-32.1) |
| Pennsylvania | | 33.0 | (28.6-37.8) | 39.0 | (31.3-47.2) | 19.0 | (11.6-29.7) |
| Rhode Island | | 30.8 | (26.7-35.3) | 31.6 | (26.2-37.4) | 42.1 | (31.0-54.0) |
| Tennessee | | 43.1 | (36.4-50.0) | 47.6 | (38.7-56.7) | 26.3 | (15.9-40.2) |
| Texas | | 33.9 | (29.2-38.9) | 37.6 | (27.2-49.1) | 29.9 | (24.2-36.2) |
| Utah | | 26.2 | (22.7-30.1) | 31.0 | (22.2-41.5) | 21.6 | (16.5-27.8) |
| Vermont | | 29.7 | (25.6-34.2) | 36.3 | (29.9-43.3) | 38.7§§ | (23.1-57.1) |
| Wisconsin | | 35.8 | (30.5-41.5) | 38.1 | (30.7-46.1) | 16.3 | (10.6-24.3) |

\* Women were considered at risk for unintended pregnancy if they were not currently pregnant, did not want a pregnancy, were sexually active (not abstinent), and did not report another reason they could not get pregnant (i.e., had a same sex partner, had a hysterectomy/oopherectomy, or were infertile).

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Note: Women using permanent contraception were included in the denominator for all estimates.

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Less effective**\*\* | | | | | | |
|  | | **Insurance type**†† | | | | | |
|  | | **Private insurance** | | **Medicaid** | | **None** | |
|  | | **%** | **95% CI** | **%** | **95% CI** | **%** | **95% CI** |
| *State* | |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |
| Arkansas | | 29.2 | (22.6-36.7) | 17.1 | (9.6-28.4) | 27.8 | (20.0-37.1) |
| California | | 40.5 | (36.9-44.2) | 32.6 | (28.1-37.1) | 38.6 | (32.3-44.9) |
| Colorado | | 33.2 | (29.0-37.7) | 19.1 | (13.8-25.7) | 41.0 | (31.0-51.7) |
| Connecticut | | 43.0 | (37.1-49.2) | 16.1 | (11.8-21.5) | 39.2 | (27.7-52.0) |
| Florida | | 30.7 | (25.9-35.8) | 23.2 | (18.1-29.2) | 34.0 | (27.6-41.0) |
| Georgia | | 18.9 | (12.8-26.9) | 2.5 | (0.8- 7.7) | 14.6 | (9.2-22.5) |
| Hawaii | | 27.6 | (23.3-32.2) | 18.9 | (14.8-23.7) | 23.5§§ | (11.3-42.4) |
| Illinois | | 37.2 | (33.2-41.3) | 18.9 | (15.1-23.4) | 35.8 | (27.1-45.5) |
| Iowa | | 26.5 | (21.8-31.7) | 11.3 | (6.2-19.7) | 33.3 | (23.0-45.5) |
| Louisiana | | 27.0 | (22.1-32.5) | 13.9 | (9.9-19.2) | 29.6 | (23.1-37.0) |
| Maine | | 34.1 | (29.2-39.5) | 18.0 | (13.7-23.3) | 28.9§§ | (17.2-44.2) |
| Maryland | | 36.4 | (32.0-40.9) | 23.1 | (17.0-30.5) | 32.1 | (24.4-40.8) |
| Massachusetts | | 38.0 | (33.2-43.0) | 18.6 | (14.0-24.2) | 50.4§§ | (27.1-73.6) |
| Minnesota | | 33.7 | (30.1-37.6) | 25.4 | (19.1-32.8) | 37.6 | (25.9-51.0) |
| Missouri | | 32.9 | (28.8-37.2) | 17.2 | (12.4-23.3) | 32.4 | (25.3-40.4) |
| Nebraska | | 33.4 | (29.7-37.2) | 19.9 | (14.3-27.0) | 30.5 | (24.8-37.0) |
| New Hampshire | | 32.9 | (27.5-38.8) | 14.4 | (7.5-25.8) | 17.9 | (10.2-29.6) |
| New Jersey | | 38.4 | (33.5-43.5) | 21.8 | (15.2-30.3) | 42.8 | (33.5-52.7) |
| New Mexico | | 25.1 | (21.2-29.3) | 15.6 | (12.5-19.2) | 21.8 | (17.2-27.2) |
| New York¶¶ | | 38.4 | (32.7-44.5) | 22.3 | (15.7-30.5) | 38.0 | (23.2-55.5) |
| Ohio | | 34.9 | (30.6-39.4) | 14.6 | (10.7-19.7) | 30.8§§ | (17.6-48.0) |
| Oklahoma | | 19.3 | (15.2-24.1) | 20.9 | (13.0-31.8) | 29.5 | (22.7-37.5) |
| Pennsylvania | | 37.8 | (33.2-42.5) | 24.5 | (18.2-32.2) | 40.9 | (30.4-52.2) |
| Rhode Island | | 29.1 | (25.3-33.3) | 16.7 | (12.6-21.9) | 28.3 | (18.5-40.8) |
| Tennessee | | 23.6 | (18.3-29.8) | 9.6 | (5.6-16.1) | 41.5 | (28.6-55.6) |
| Texas | | 33.6 | (28.9-38.7) | 19.5 | (12.1-29.8) | 37.0 | (30.9-43.6) |
| Utah | | 32.0 | (28.2-36.1) | 17.9 | (11.6-26.7) | 27.1 | (21.3-33.8) |
| Vermont | | 35.4 | (31.1-39.9) | 24.5 | (19.0-30.9) | 24.2§§ | (12.0-43.0) |
| Wisconsin | | 30.8 | (25.7-36.3) | 25.0 | (18.9-32.4) | 40.3 | (27.6-54.4) |

\* For PRAMS, women were considered at risk for unintended pregnancy if they were not currently pregnant, did not want a pregnancy, were sexually active (not abstinent), and did not report another reason they could not get pregnant (i.e., had a same sex partner, had a hysterectomy/oopherectomy, or were infertile).

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|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | **None** | | | | | |
|  | **Insurance type**†† | | | | | | | |
|  | | **Private insurance** | | | **Medicaid** | | **None** | |
|  | | **%** | | **95% CI** | **%** | **95% CI** | **%** | **95% CI** |
| *State* | |  | |  |  |  |  |  |
|  | |  | |  |  |  |  |  |
| Arkansas | | 4.6 | | (2.4- 8.7) | 10.9 | (5.5-20.5) | 5.2 | (2.3-11.6) |
| California | | 5.8 | | (4.1-7.4) | 6.9 | (4.7-9.1) | 4.8§§ | (2.2-7.4) |
| Colorado | | 6.7 | | (4.8- 9.2) | 3.4 | (1.7- 6.5) | 4.1 | (1.3-12.4) |
| Connecticut | | 8.0 | | (5.3-11.9) | 6.4 | (3.7-10.7) | 8.5 | (2.3-26.5) |
| Florida | | 9.3 | | (6.5-13.1) | 6.2 | (3.7-10.3) | 7.8 | (4.7-12.6) |
| Georgia | | 6.4 | | (3.3-11.9) | 9.5 | (3.2-24.6) | 9.5 | (5.4-16.3) |
| Hawaii | | 12.0 | | (9.0-15.7) | 21.3 | (16.1-27.5) | 24.3§§ | (10.7-46.2) |
| Illinois | | 9.7 | | (7.4-12.6) | 5.9 | (3.8- 9.0) | 3.7 | (1.5- 9.0) |
| Iowa | | 3.0 | | (1.6- 5.7) | 9.0 | (4.5-17.3) | 5.9 | (2.1-15.3) |
| Louisiana | | 7.8 | | (5.2-11.6) | 6.4 | (3.7-10.7) | 9.6 | (6.0-15.0) |
| Maine | | 7.3 | | (4.9-10.7) | 5.6 | (3.3- 9.3) | 13.4§§ | (5.9-27.7) |
| Maryland | | 10.9 | | (8.3-14.2) | 7.7 | (4.2-13.6) | 12.8 | (7.9-20.0) |
| Massachusetts | | 5.4 | | (3.6- 8.1) | 5.2 | (3.0- 8.8) | 1.9§§ | (0.3-12.2) |
| Minnesota | | 5.6 | | (4.1- 7.6) | 8.6 | (5.2-14.1) | 11.0 | (4.6-23.8) |
| Missouri | | 5.2 | | (3.5- 7.6) | 2.8 | (1.2- 6.3) | 10.6 | (6.5-16.9) |
| Nebraska | | 8.8 | | (6.8-11.3) | 6.4 | (3.6-11.2) | 7.6 | (4.5-12.5) |
| New Hampshire | | 5.3 | | (3.2- 8.7) | 6.4 | (2.1-18.4) | 8.0 | (3.6-16.9) |
| New Jersey | | 11.2 | | (8.3-14.9) | 15.0 | (9.4-23.2) | 10.2 | (5.9-17.2) |
| New Mexico | | 4.8 | | (3.2- 7.1) | 5.4 | (3.6- 8.0) | 7.9 | (5.3-11.6) |
| New York¶¶ | | 8.7 | | (5.7-13.0) | 10.7 | (6.2-17.7) | 11.8 | (4.2-28.9) |
| Ohio | | 7.9 | | (5.8-10.7) | 7.7 | (4.9-12.1) | 22.8§§ | (12.4-38.3) |
| Oklahoma | | 6.6 | | (4.2-10.2) | 4.4 | (1.9-10.0) | 7.1 | (4.0-12.3) |
| Pennsylvania | | 7.4 | | (5.3-10.3) | 4.7 | (2.3- 9.4) | 18.8 | (11.6-29.1) |
| Rhode Island | | 6.7 | | (4.8- 9.3) | 4.2 | (2.4- 7.2) | 3.0 | (0.8-10.5) |
| Tennessee | | 7.0 | | (4.2-11.4) | 4.3 | (1.8- 9.9) | 7.3 | (2.5-19.7) |
| Texas | | 2.8 | | (1.7- 4.8) | 9.5 | (4.5-19.1) | 7.0 | (4.4-11.0) |
| Utah | | 4.9 | | (3.4- 7.0) | 7.1 | (3.0-15.7) | 7.8 | (4.5-13.1) |
| Vermont | | 3.8 | | (2.4- 6.2) | 1.3 | (0.5- 3.3) | 5.3§§ | (1.1-22.8) |
| Wisconsin | | 3.9 | | (2.3- 6.5) | 5.7 | (3.2- 9.9) | 18.1 | (8.0-35.9) |

\* For PRAMS, women were considered at risk for unintended pregnancy if they were not currently pregnant, did not want a pregnancy, were sexually active (not abstinent), and did not report another reason they could not get pregnant (i.e., had a same sex partner, had a hysterectomy/oopherectomy, or were infertile).

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