Supplemental Table 1. Characteristics of persons with WRA among ever-employed adults with current asthma by year and weight type—19 statesa, 2007–2012

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Characteristics | Poststratification Weights | | | | | | | |  | | “Raking” Weights | | | | | | | | | | |
| 2007b | | 2008b | | 2009b | | 2010b | |  | | 2011b | | | | 2012b | | | | 2012c | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI |  | | % | | 95% CI | | % | | 95% CI | | % | | 95% CI |
| Sex |  | |  | |  | |  | |  | |  | | | |  | | | |  | | |
| Male | 43.6 | 34.0, 53.3 | 40.4 | 33.4, 47.5 | 39.7 | 31.6, 47.7 | 41.1 | 30.8, 51.3 | | 52.3 | | 40.8, 63.9 | | 33.8 | | 25.5, 42.1 | | 40.1 | | 31.9, 48.2 | |
| Female | 56.3 | 46.6, 66.0 | 59.5 | 52.5, 66.6 | 60.3 | 52.3, 68.3 | 58.9 | 48.7, 69.1 | | 47.6 | | 36.1, 59.2 | | 66.2 | | 57.9, 74.5 | | 59.9 | | 51.8, 68.1 | |
| Age |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| 18–44 | 39.5 | 29.5, 49.5 | 31.8 | 24.8, 38.9 | 38.0 | 29.2, 46.9 | 29.6 | 18.2, 41.0 | | 38.3 | | 24.5, 52.1 | | 36.5 | | 27.5, 45.5 | | 37.6 | | 29.8, 45.4 | |
| 45–64 | 46.9 | 37.6, 56.2 | 54.9 | 47.9, 61.8 | 49.2 | 41.1, 57.3 | 52.5 | 42.6, 62.4 | | 47.1 | | 35.6, 58.7 | | 51.0 | | 42.4, 59.6 | | 48.6 | | 40.8, 56.3 | |
| ≥65 | 13.6 | 8.3, 18.8 | 13.2 | 9.8, 16.7 | 12.7 | 8.9, 16.6 | 17.9 | 12.6, 23.2 | | 14.6 | | 9.8, 19.4 | | 12.5 | | 9.0, 16.0 | | 13.8 | | 9.9, 17.7 | |
| Race |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| White | 66.4 | 56.4, 76.4 | 69.7 | 62.7, 76.6 | 72.5 | 65.5, 79.5 | 75.2 | 68.3, 82.2 | | 64.2 | | 51.8, 76.6 | | 66.1 | | 56.9, 75.4 | | 63.9 | | 55.1, 72.6 | |
| Other | 33.6 | 23.5, 43.6 | 30.3 | 23.4, 37.3 | 27.5 | 20.5, 34.5 | 24.8 | 17.8, 31.7 | | 35.8 | | 23.4, 48.2 | | 33.8 | | 24.6, 43.1 | | 36.1 | | 27.4, 44.8 | |
| Education level |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| ≤High school | 46.2 | 36.7, 55.6 | 36.7 | 29.8, 43.7 | 39.2 | 31.3, 47.0 | 38.8 | 28.7, 48.9 | | 38.8 | | 27.2, 50.3 | | 37.5 | | 29.1, 45.9 | | 36.0 | | 29.0, 43.0 | |
| Some college | 31.4 | 22.4, 40.5 | 31.3 | 25.1, 37.5 | 27.5 | 20.4, 34.6 | 30.5 | 22.4, 38.7 | | 34.4 | | 24.5, 44.2 | | 41.9 | | 33.0, 50.7 | | 43.1 | | 34.9, 51.3 | |
| College graduate | 22.3 | 15.0, 29.7 | 31.9 | 25.9, 37.9 | 33.3 | 25.5, 41.1 | 30.7 | 22.2, 39.1 | | 26.9 | | 14.2, 39.6 | | 20.6 | | 15.0, 26.2 | | 20.9 | | 16.0, 25.8 | |
| Household income |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| <$15,000 | 16.7 | 9.2, 24.1 | 15.2 | 10.3, 20.1 | 16.7 | 11.1, 22.4 | 18.3 | 12.2, 24.5 | | 23.2 | | 14.7, 31.7 | | 24.1 | | 15.9, 32.3 | | 19.0 | | 13.8, 24.2 | |
| $15,000–$24,999 | 19.1 | 12.7, 25.5 | 17.0 | 11.9, 22.2 | 18.2 | 12.3, 24.2 | 21.6 | 10.4, 32.7 | | 17.4 | | 11.2, 23.6 | | 20.9 | | 13.7, 28.1 | | 22.2 | | 15.5, 28.9 | |
| $25,000–$34,999 | 12.3 | 6.1, 18.4 | 12.9 | 7.8, 18.0 | 12.2 | 6.9, 17.4 | 13.6 | 8.3, 18.9 | | 8.7 | | 4.6, 12.7 | | 12.7 | | 7.3, 18.2 | | 11.2 | | 7.0, 15.4 | |
| $35,000–$49,999 | 17.8 | 11.0, 24.7 | 16.0 | 9.8, 22.2 | 17.9 | 10.8, 25.1 | 10.7 | 6.4, 15.0 | | 11.3 | | 5.8, 16.8 | | 10.8 | | 7.6, 14.1 | | 13.2 | | 8.9, 17.5 | |
| ≥$50,000 | 34.1 | 24.3, 43.9 | 38.8 | 32.0, 45.7 | 34.9 | 26.8, 42.9 | 35.7 | 26.1, 45.3 | | 39.3 | | 26.6, 52.0 | | 31.4 | | 22.5, 40.4 | | 34.3 | | 25.7, 43.0 | |
| Insurance coverage |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| Yes | 88.2 | 82.5, 93.9 | 86.5 | 81.8, 91.3 | 88.3 | 82.4, 94.3 | 87.9 | 83.5, 92.4 | | 88.5 | | 83.6, 93.4 | | 85.8 | | 80.3, 91.3 | | 81.6 | | 75.7, 87.5 | |
| No | 11.8 | 6.1, 17.5 | 13.4 | 8.7, 18.2 | 11.7 | 5.7, 17.6 | 12.0 | 7.6, 16.5 | | 11.5 | | 6.6, 16.4 | | 14.2 | | 8.6, 19.7 | | 18.3 | | 12.4, 24.3 | |
| Currently employed |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| Yes | 50.2 | 40.7, 59.6 | 50.9 | 44.1, 57.8 | 50.3 | 42.2, 58.3 | 40.2 | 31.3, 49.2 | | 53.2 | | 41.6, 64.7 | | 40.9 | | 32.1, 49.6 | | 48.3 | | 40.4, 56.2 | |
| No | 49.8 | 40.4, 59.3 | 49.1 | 42.2, 55.9 | 49.7 | 41.7, 57.7 | 59.7 | 50.8, 68.7 | | 46.8 | | 35.2, 58.3 | | 59.1 | | 50.4, 67.8 | | 51.7 | | 43.8, 59.6 | |
| Smoking |  | |  | |  | |  | | |  | | | |  | | | |  | | | |
| Current | 20.3 | 13.2, 27.4 | 21.5 | 16.0, 27.1 | 21.1 | 13.9, 28.2 | 17.0 | 11.2, 22.7 | | 23.4 | | 11.7, 35.0 | | 31.6 | | 22.9, 40.3 | | 26.5 | | 19.5, 33.5 | |
| Former | 34.8 | 25.4, 44.3 | 28.7 | 22.8, 34.7 | 30.5 | 23.4, 37.6 | 35.4 | 26.2, 44.6 | | 24.0 | | 15.9, 32.0 | | 19.6 | | 14.8, 24.3 | | 21.0 | | 16.3, 25.7 | |
| Never | 44.8 | 35.4, 54.2 | 49.7 | 42.8, 56.5 | 48.4 | 40.3, 56.6 | 47.6 | 37.8, 57.4 | | 52.6 | | 40.8, 64.5 | | 48.8 | | 40.2, 57.5 | | 52.4 | | 44.8, 60.1 | |

Abbreviation: CI, confidence interval; WRA, work-related asthma.

a California, Hawaii, Illinois, Indiana, Iowa, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, Ohio, Oklahoma, Oregon, Texas, Vermont, Washington, and Wisconsin.

b Estimates calculated using landline telephone household sample.

c Estimates calculated using combined landline and cellular telephone household sample.

Supplemental Table 2. Characteristics of persons with possible WRA among ever-employed adults with current asthma by year and weight type—19 statesa, 2007–2012

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Characteristics | Poststratification Weights | | | | | | | |  | “Raking” Weights | | | | | |
| 2007b | | 2008b | | 2009b | | 2010b | |  | 2011b | | 2012b | | 2012c | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI |  | % | 95% CI | % | 95% CI | % | 95% CI |
| Total | 38.1 | 34.9, 41.2 | 37.0 | 34.1, 39.8 | 35.1 | 32.4, 37.8 | 36.3 | 33.5, 39.0 | | 38.1 | 34.9, 41.3 | 39.8 | 36.1, 43.6 | 38.9 | 36.0, 41.8 |
| Sex |  | |  | |  | |  | | |  | |  | |  | |
| Male | 39.4 | 33.5, 45.2 | 39.8 | 34.5, 45.2 | 35.5 | 30.4, 40.5 | 36.7 | 32.3, 41.0 | | 39.4 | 34.5, 44.3 | 36.7 | 30.9, 42.6 | 38.5 | 34.1, 43.0 |
| Female | 60.6 | 54.8, 66.4 | 60.1 | 54.8, 65.5 | 64.5 | 59.5, 69.6 | 63.3 | 58.9, 67.7 | | 60.5 | 55.6, 65.5 | 63.2 | 57.4, 69.1 | 61.4 | 57.0, 65.9 |
| Age |  | |  | |  | |  | | |  | |  | |  | |
| 18–44 | 50.3 | 44.9, 55.6 | 49.1 | 44.1, 54.1 | 44.8 | 39.7, 49.9 | 45.9 | 41.3, 50.5 | | 44.1 | 38.8, 49.4 | 44.1 | 37.8, 50.3 | 44.5 | 39.6, 49.3 |
| 45–64 | 38.2 | 33.6, 42.9 | 37.8 | 33.6, 42.0 | 43.8 | 39.3, 48.3 | 41.7 | 37.5, 45.9 | | 41.6 | 37.0, 46.1 | 39.7 | 34.6, 44.7 | 39.1 | 35.0, 43.1 |
| ≥65 | 11.4 | 9.3, 13.6 | 13.1 | 10.9, 15.3 | 11.4 | 9.5, 13.2 | 12.4 | 10.4, 14.3 | | 14.2 | 12.1, 16.4 | 16.2 | 13.7, 18.8 | 16.4 | 14.1, 18.7 |
| Race |  | |  | |  | |  | | |  | |  | |  | |
| White | 70.2 | 64.1, 76.3 | 69.9 | 64.4, 75.5 | 71.0 | 66.5, 75.4 | 69.4 | 65.0, 73.8 | | 71.3 | 66.0, 76.6 | 64.1 | 57.5, 70.6 | 65.7 | 60.6, 70.7 |
| Other | 29.8 | 23.7, 35.9 | 30.0 | 24.5, 35.6 | 29.0 | 24.6, 33.5 | 30.6 | 26.2, 35.0 | | 28.7 | 23.4, 34.0 | 35.9 | 29.3, 42.5 | 34.3 | 29.3, 39.4 |
| Education level |  | |  | |  | |  | | |  | |  | |  | |
| ≤High school | 36.6 | 31.7, 41.5 | 40.5 | 35.3, 45.7 | 34.8 | 29.9, 39.8 | 36.1 | 31.7, 40.4 | | 40.6 | 35.5, 45.8 | 38.9 | 33.3, 44.4 | 40.0 | 35.5, 44.6 |
| Some college | 33.4 | 27.8, 39.1 | 31.0 | 26.7, 35.3 | 30.2 | 26.1, 34.2 | 31.1 | 27.3, 34.9 | | 36.3 | 31.7, 40.9 | 40.4 | 34.5, 46.4 | 38.7 | 34.1, 43.3 |
| College graduate | 29.9 | 25.2, 34.6 | 28.5 | 24.6, 32.4 | 35.0 | 30.4, 39.5 | 32.8 | 28.5, 37.1 | | 23.0 | 19.5, 26.5 | 20.7 | 17.3, 24.0 | 21.2 | 18.4, 24.0 |
| Household income |  | |  | |  | |  | | |  | |  | |  | |
| <$15,000 | 15.1 | 11.6, 18.6 | 13.6 | 10.4, 16.9 | 17.2 | 12.1, 22.4 | 18.4 | 14.7, 22.2 | | 25.2 | 19.7, 30.7 | 22.3 | 16.9, 27.8 | 20.3 | 16.1, 24.4 |
| $15,000–$24,999 | 20.4 | 14.1, 26.7 | 20.8 | 15.2, 26.4 | 18.5 | 15.2, 21.8 | 17.9 | 14.7, 21.1 | | 17.3 | 14.1, 20.4 | 22.3 | 16.8, 27.9 | 20.2 | 16.6, 23.8 |
| $25,000–$34,999 | 8.5 | 6.3, 10.8 | 12.2 | 9.1, 15.3 | 8.4 | 6.3, 10.6 | 11.5 | 8.5, 14.5 | | 10.4 | 7.3, 13.4 | 12.9 | 9.0, 16.8 | 13.1 | 9.6, 16.6 |
| $35,000–$49,999 | 14.9 | 11.7, 18.2 | 14.5 | 11.0, 17.9 | 16.8 | 13.4, 20.3 | 12.9 | 9.9, 15.9 | | 12.2 | 9.5, 14.9 | 11.4 | 8.4, 14.4 | 13.4 | 10.1, 16.6 |
| ≥$50,000 | 41.0 | 35.6, 46.4 | 38.8 | 34.0, 43.6 | 38.9 | 34.1, 43.8 | 39.2 | 34.6, 43.8 | | 34.9 | 30.1, 39.8 | 31.0 | 25.5, 36.5 | 33.0 | 28.7, 37.4 |
| Insurance coverage |  | |  | |  | |  | | |  | |  | |  | |
| Yes | 83.7 | 77.9, 89.5 | 85.5 | 80.2, 90.7 | 86.0 | 81.1, 90.9 | 83.2 | 79.8, 86.7 | | 86.6 | 83.5, 89.7 | 83.7 | 78.1, 89.3 | 82.7 | 78.9, 86.5 |
| No | 16.3 | 10.5, 22.1 | 14.5 | 9.3, 19.7 | 14.0 | 9.1, 18.9 | 16.7 | 13.3, 20.1 | | 13.4 | 10.3, 16.5 | 16.3 | 10.7, 21.9 | 17.3 | 13.5, 21.1 |
| Currently employed |  | |  | |  | |  | | |  | |  | |  | |
| Yes | 62.9 | 58.2, 67.6 | 60.1 | 55.7, 64.6 | 55.0 | 50.1, 59.9 | 52.8 | 48.4, 57.2 | | 45.9 | 41.0, 50.7 | 44.5 | 38.6, 50.5 | 48.9 | 44.3, 53.5 |
| No | 37.1 | 32.4, 41.8 | 39.9 | 35.4, 44.3 | 45.0 | 40.1, 49.9 | 47.2 | 42.8, 51.6 | | 54.1 | 49.3, 59.0 | 55.4 | 49.5, 61.4 | 51.1 | 46.5, 55.6 |
| Smoking |  | |  | |  | |  | | |  | |  | |  | |
| Current | 23.8 | 18.0, 29.6 | 22.1 | 18.0, 26.2 | 21.7 | 16.8, 26.5 | 21.6 | 17.8, 25.4 | | 24.4 | 20.2, 28.7 | 21.4 | 16.3, 26.4 | 22.4 | 18.4, 26.3 |
| Former | 27.6 | 23.4, 31.8 | 28.5 | 24.6, 32.3 | 26.0 | 22.5, 29.6 | 27.2 | 23.6, 30.7 | | 28.5 | 24.6, 32.5 | 30.1 | 25.1, 35.1 | 29.7 | 25.9, 33.5 |
| Never | 48.6 | 43.2, 53.9 | 49.4 | 44.4, 54.4 | 52.3 | 47.4, 57.1 | 51.2 | 46.7, 55.6 | | 47.0 | 42.0, 52.0 | 48.5 | 42.7, 54.3 | 47.9 | 43.3, 52.5 |

Abbreviation: CI, confidence interval; WRA, work-related asthma.

a California, Hawaii, Illinois, Indiana, Iowa, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, Ohio, Oklahoma, Oregon, Texas, Vermont, Washington, and Wisconsin.

b Estimates calculated using landline telephone household sample.

c Estimates calculated using combined landline and cellular telephone household sample.

Supplemental Table 3. Proportion of WRA among ever-employed adults with current asthma by state and weight type—19 statesa, 2007–2012

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | Poststratification Weights | | | | | | | |  | “Raking” Weights | | | | | | |
| 2007b | | 2008b | | 2009b | | 2010b | |  | 2011b | | 2012b | | 2012c | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI |  | % | 95% CI | % | 95% CI | % | 95% CI | |
|  |  | |  | |  | |  | | |  | |  | |  | | |
| California | 10.2 | 4.5, 15.9 | 6.5 | 4.0, 9.0 | 8.9 | 5.5, 12.3 | 8.6 | 5.5, 11.6 | | 6.3 | 3.9, 8.7 | 15.1 | 8.8, 21.4 | 14.2 | | 8.5, 19.9 |
| Hawaii | 7.6 | 3.5, 11.6 | 9.4 | 4.6, 14.2 | 8.2 | 3.4, 13.1 | –d | | | – | | – | | 9.0 | | 3.8, 14.2 |
| Illinois | 7.0 | 3.3, 10.7 | 6.1 | 2.7, 9.4 | 7.8 | 4.0, 11.5 | – | | | – | | – | | 16.0 | | 8.3, 23.7 |
| Indiana | 10.1 | 5.6, 14.5 | 11.9 | 6.2, 17.6 | 12.9 | 7.4, 18.4 | 11.5 | 6.9, 16.1 | | 13.5 | 8.3, 18.8 | 11.7 | 6.4, 16.9 | 16.2 | | 10.9, 21.4 |
| Iowa | 5.7 | 2.6, 8.7 | 8.1 | 3.7, 12.6 | 5.0 | 2.3, 7.8 | 7.6 | 4.2, 11.0 | | – | | 15.0 | 8.9, 21.1 | 18.0 | | 12.1, 23.8 |
| Michigan | 11.1 | 5.9, 16.3 | 13.4 | 8.7, 18.1 | 14.2 | 8.9, 19.6 | 11.8 | 7.2, 16.4 | | 10.1 | 6.1, 14.1 | 15.1 | 9.7, 20.5 | 14.7 | | 10.3, 19.1 |
| Montana | 12.5 | 5.2, 19.8 | 13.7 | 8.0, 19.5 | 7.2 | 3.5, 11.0 | 8.6 | 4.6, 12.7 | | 7.3 | 3.8, 10.8 | 15.7 | 9.1, 22.4 | 14.5 | | 9.0, 20.0 |
| Nebraska | 5.5 | 3.5, 7.5 | 7.5 | 4.6, 10.4 | 9.8 | 4.5, 15.0 | 6.1 | 4.0, 8.3 | | 8.6 | 5.7, 11.5 | 19.4 | 12.2, 26.6 | 15.7 | | 11.8, 19.5 |
| Nevada | 11.8 | 6.3, 17.4 | 11.8 | 5.9, 17.8 | – | | – | | | – | | – | | 13.7 | | 6.6, 20.8 |
| New Hampshire | – | | 8.1 | 4.5, 11.6 | – | | 4.5 | 2.5, 6.5 | | – | | 14.8 | 6.3, 23.3 | 14.4 | | 7.8, 20.9 |
| New Mexico | – | | 8.2 | 3.7, 12.7 | 12.0 | 5.6, 18.4 | 7.5 | 3.4, 11.7 | | 11.1 | 4.9, 17.2 | 15.0 | 6.7, 23.2 | 13.5 | | 8.6, 18.4 |
| New York | 14.4 | 8.2, 20.5 | 5.8 | 2.5, 9.1 | 8.9 | 4.7, 13.0 | 10.1 | 4.3, 15.9 | | – | | – | | 13.6 | | 6.0, 21.2 |
| Ohio | 8.2 | 4.8, 11.6 | 8.1 | 4.6, 11.7 | – | | 7.9 | 3.8, 11.9 | | – | | 25.2 | 12.9, 37.5 | 20.3 | | 12.3, 28.3 |
| Oklahoma | 12.4 | 6.7, 18.1 | 7.1 | 4.0, 10.2 | 12.2 | 7.1, 17.3 | 7.6 | 4.5, 10.7 | | 7.8 | 4.1, 11.6 | 16.4 | 7.8, 25.0 | 13.9 | | 7.2, 20.6 |
| Oregon | 6.7 | 3.2, 10.1 | 8.4 | 4.2, 12.5 | – | | – | | | – | | – | | – | | |
| Texas | 8.3 | 3.6, 13.0 | 6.1 | 3.0, 9.1 | 8.0 | 3.7, 12.2 | – | | | 6.2 | 3.3, 9.1 | 13.9 | 6.6, 21.2 | 17.6 | | 10.2, 25.0 |
| Vermont | 10.5 | 5.9, 15.1 | 8.7 | 4.3, 13.1 | 5.9 | 2.5, 9.4 | 6.1 | 3.7, 8.4 | | 11.6 | 5.0, 18.3 | – | | 14.3 | | 7.6, 21.1 |
| Washington | 6.7 | 5.1, 8.3 | 10.4 | 6.7, 14.1 | 6.5 | 3.3, 9.7 | 6.1 | 3.5, 8.6 | | 9.7 | 6.3, 13.1 | 16.0 | 10.0, 22.1 | 14.2 | | 9.9, 18.5 |
| Wisconsin | – | | 8.9 | 4.8, 13.0 | – | | – | | | 8.9 | 3.8, 14.1 | 25.3 | 16.0, 34.6 | 21.1 | | 13.4, 28.9 |

Abbreviations: CI, confidence interval; WRA, work-related asthma.

a California, Hawaii, Illinois, Indiana, Iowa, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, Ohio, Oklahoma, Oregon, Texas, Vermont, Washington, Wisconsin.

b Estimates calculated using landline telephone household sample.

c Estimates calculated using combined landline and cellular telephone household sample.

d Estimate with a relative standard error ≥30% are suppressed.

Supplemental Table 4. Proportion of possible WRA among ever-employed adults with current asthma by state and weight type—19 statesa, 2007–2012

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | Poststratification Weights | | | | | | | |  | “Raking” Weights | | | | | | | | | | |
| 2007b | | 2008b | | 2009b | | 2010b | |  | 2011b | | | | 2012b | | | | 2012c | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI |  | % | | 95% CI | | % | | 95% CI | | % | | 95% CI |
|  |  | |  | |  | |  | | |  | | |  | | | |  | | | |
| California | 32.2 | 23.6, 40.8 | 34.0 | 25.9, 42.2 | 29.8 | 24.4, 35.1 | 32.8 | 26.7, 38.9 | | 36.9 | 29.9, 43.9 | | 38.5 | | 29.8, 47.2 | | 37.3 | | 29.4, 45.2 | |
| Hawaii | 39.5 | 30.7, 48.2 | 39.3 | 30.7, 47.9 | 30.8 | 22.1, 39.6 | 40.5 | 31.0, 50.0 | | 43.7 | 32.2, 55.2 | | 36.5 | | 23.4, 49.3 | | 38.2 | | 28.4, 48.0 | |
| Illinois | 42.2 | 32.9, 51.5 | 32.4 | 24.6, 40.1 | 38.4 | 28.5, 48.4 | 36.9 | 26.3, 47.5 | | 34.5 | 22.7, 46.3 | | 50.1 | | 36.9, 63.2 | | 49.4 | | 39.0, 59.9 | |
| Indiana | 41.0 | 32.6, 49.3 | 34.7 | 25.5, 43.9 | 33.5 | 25.6, 41.4 | 42.7 | 35.7, 49.7 | | 39.1 | 31.2, 46.9 | | 38.5 | | 28.1, 49.0 | | 40.2 | | 33.1, 47.3 | |
| Iowa | 43.3 | 33.2, 53.3 | 40.3 | 30.2, 50.4 | 44.1 | 33.7, 54.5 | 31.7 | 23.9, 39.5 | | 45.4 | 32.9, 57.9 | | 37.7 | | 24.6, 50.8 | | 39.5 | | 30.8, 48.1 | |
| Michigan | 39.5 | 31.9, 47.1 | 36.6 | 29.5, 43.6 | 38.8 | 32.1, 45.6 | 40.1 | 33.3, 47.0 | | 44.0 | 35.6, 52.5 | | 43.3 | | 35.1, 51.5 | | 43.7 | | 37.5, 49.8 | |
| Montana | 43.4 | 33.8, 53.0 | 40.1 | 30.8, 49.5 | 41.3 | 31.8, 50.8 | 40.0 | 30.4, 49.5 | | 52.1 | 43.1, 61.2 | | 39.8 | | 28.7, 50.8 | | 46.4 | | 37.3, 55.5 | |
| Nebraska | 43.8 | 32.8, 54.7 | 40.7 | 31.8, 49.6 | 34.4 | 27.0, 41.9 | 35.6 | 27.4, 43.7 | | 43.6 | 35.5, 51.6 | | 40.6 | | 32.5, 48.6 | | 43.5 | | 37.7, 49.2 | |
| Nevada | 38.7 | 28.5, 48.9 | 35.8 | 24.8, 46.8 | 40.8 | 25.1, 56.4 | 46.1 | 33.0, 59.2 | | 46.1 | 29.1, 63.2 | | 50.6 | | 33.3, 67.9 | | 47.1 | | 34.3, 59.8 | |
| New Hampshire | 34.3 | 26.1, 42.5 | 37.6 | 30.4, 44.8 | 30.6 | 22.0, 39.3 | 35.2 | 25.6, 44.8 | | 38.5 | 24.9, 52.1 | | 38.3 | | 28.1, 48.4 | | 39.5 | | 31.0, 48.1 | |
| New Mexico | 43.3 | 34.0, 52.6 | 45.7 | 35.7, 55.6 | 40.2 | 30.4, 49.9 | 39.2 | 30.1, 48.4 | | 36.1 | 26.1, 46.0 | | 43.5 | | 33.8, 53.1 | | 45.0 | | 37.4, 52.6 | |
| New York | 32.2 | 24.8, 39.7 | 40.9 | 32.7, 49.2 | 37.7 | 27.4, 47.9 | 33.2 | 22.3, 44.0 | | 35.1 | 22.0, 48.2 | | 30.9 | | 19.1, 42.7 | | 29.7 | | 21.0, 38.4 | |
| Ohio | 43.5 | 34.2, 52.7 | 32.5 | 23.8, 41.3 | 32.8 | 23.2, 42.3 | 35.7 | 27.9, 43.5 | | 38.5 | 28.2, 48.9 | | 39.6 | | 29.8, 49.3 | | 38.5 | | 30.6, 46.4 | |
| Oklahoma | 51.1 | 42.7, 59.5 | 41.0 | 32.7, 49.3 | 51.9 | 42.5, 61.3 | 48.1 | 39.5, 56.7 | | 40.5 | 31.2, 49.8 | | 44.4 | | 32.7, 56.2 | | 45.4 | | 36.4, 54.5 | |
| Oregon | 42.3 | 33.6, 51.1 | 31.4 | 24.1, 38.6 | 37.5 | 25.9, 49.2 | 48.3 | 36.8, 59.8 | | 27.7 | 15.7, 39.7 | | 51.4 | | 39.4, 63.4 | | 46.5 | | 36.8, 56.2 | |
| Texas | 41.4 | 28.9, 54.0 | 44.5 | 35.5, 53.6 | 33.5 | 24.5, 42.4 | 34.7 | 26.9, 42.6 | | 39.0 | 30.2, 47.9 | | 40.2 | | 23.0, 57.4 | | 37.0 | | 27.3, 46.8 | |
| Vermont | 33.2 | 26.8, 39.6 | 30.2 | 24.3, 36.1 | 35.2 | 26.3, 44.2 | 29.8 | 23.7, 36.0 | | 28.9 | 22.0, 35.9 | | 37.6 | | 28.0, 47.2 | | 39.5 | | 31.4, 47.5 | |
| Washington | 36.0 | 32.1, 40.0 | 34.1 | 27.5, 40.7 | 30.4 | 24.1, 36.7 | 41.7 | 35.2, 48.2 | | 39.1 | 33.0, 45.2 | | 33.5 | | 26.7, 40.3 | | 37.8 | | 31.6, 43.9 | |
| Wisconsin | 37.1 | 28.5, 45.7 | 39.1 | 29.8, 48.3 | 39.3 | 27.7, 50.8 | 30.5 | 20.3, 40.7 | | 41.6 | 30.3, 52.8 | | 42.3 | | 27.6, 56.9 | | 39.3 | | 29.1, 49.6 | |

Abbreviations: CI, confidence interval; WRA, work-related asthma.

a California, Hawaii, Illinois, Indiana, Iowa, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, Ohio, Oklahoma, Oregon, Texas, Vermont, Washington, Wisconsin.

b Estimates calculated using landline telephone household sample.

c Estimates calculated using combined landline and cellular telephone household sample.