

**Table L6**  
**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)**  
**and Prevalence (Number) by Education and State or Territory: BRFSS 2010**

| State        | Education  | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) |  | Prevalence (number) | 95% CI* (number)          |
|--------------|------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------------|
| U.S. Total** | HS Nongrad | 41,605      | 14.3                 | 0.34           | (13.6 - 15.0)     |  | 3,353,874           | (3,189,161 - 3,518,586)   |
| U.S. Total** | HS Grad    | 132,337     | 13.2                 | 0.21           | (12.8 - 13.6)     |  | 8,516,614           | (8,237,805 - 8,795,422)   |
| U.S. Total** | Some Coll  | 117,799     | 15.1                 | 0.23           | (14.6 - 15.5)     |  | 9,149,684           | (8,857,194 - 9,442,174)   |
| U.S. Total** | Coll Grad  | 150,393     | 12.4                 | 0.17           | (12.0 - 12.7)     |  | 10,349,388          | (10,055,174 - 10,643,602) |
| AL           | HS Nongrad | 1,186       | 16.8                 | 1.81           | (13.3 - 20.4)     |  | 80,926              | (62,206 - 99,647)         |
| AL           | HS Grad    | 2,589       | 11.4                 | 0.94           | (9.6 - 13.2)      |  | 131,403             | (109,347 - 153,459)       |
| AL           | Some Coll  | 1,921       | 11.8                 | 1.07           | (9.7 - 13.9)      |  | 107,652             | (87,416 - 127,888)        |
| AL           | Coll Grad  | 1,930       | 9.9                  | 1.02           | (7.9 - 11.9)      |  | 100,905             | (79,581 - 122,230)        |
| AK           | HS Nongrad | 144         | 18.2                 | 5.01           | (8.3 - 28.1)      |  | 6,475               | (2,638 - 10,311)          |
| AK           | HS Grad    | 573         | 14.9                 | 2.80           | (9.4 - 20.4)      |  | 24,151              | (14,501 - 33,800)         |
| AK           | Some Coll  | 583         | 15.4                 | 2.50           | (10.5 - 20.3)     |  | 21,322              | (13,922 - 28,722)         |
| AK           | Coll Grad  | 652         | 12.4                 | 1.85           | (8.7 - 16.0)      |  | 21,459              | (14,980 - 27,937)         |
| AZ           | HS Nongrad | 638         | 14.8                 | 2.72           | (9.5 - 20.2)      |  | 71,030              | (44,177 - 97,883)         |
| AZ           | HS Grad    | 1,421       | 14.3                 | 1.87           | (10.7 - 18.0)     |  | 149,478             | (108,150 - 190,806)       |
| AZ           | Some Coll  | 1,742       | 18.1                 | 1.73           | (14.7 - 21.5)     |  | 251,112             | (199,685 - 302,539)       |
| AZ           | Coll Grad  | 1,929       | 14.6                 | 1.36           | (11.9 - 17.3)     |  | 297,720             | (240,347 - 355,094)       |
| AR           | HS Nongrad | 520         | 16.3                 | 3.60           | (9.2 - 23.4)      |  | 41,188              | (21,070 - 61,307)         |
| AR           | HS Grad    | 1,383       | 14.5                 | 1.63           | (11.3 - 17.7)     |  | 110,854             | (84,626 - 137,081)        |
| AR           | Some Coll  | 997         | 14.4                 | 1.91           | (10.7 - 18.1)     |  | 76,631              | (54,987 - 98,275)         |
| AR           | Coll Grad  | 1,105       | 10.6                 | 1.31           | (8.1 - 13.2)      |  | 66,299              | (49,561 - 83,036)         |
| CA           | HS Nongrad | 2,346       | 7.9                  | 0.64           | (6.7 - 9.2)       |  | 418,893             | (351,332 - 486,453)       |
| CA           | HS Grad    | 3,546       | 11.9                 | 0.77           | (10.4 - 13.4)     |  | 751,443             | (651,562 - 851,323)       |
| CA           | Some Coll  | 4,452       | 16.2                 | 0.83           | (14.5 - 17.8)     |  | 1,079,605           | (961,241 - 1,197,969)     |
| CA           | Coll Grad  | 7,190       | 13.2                 | 0.50           | (12.2 - 14.2)     |  | 1,255,084           | (1,157,024 - 1,353,145)   |
| CO           | HS Nongrad | 655         | 13.9                 | 2.37           | (9.2 - 18.5)      |  | 42,071              | (26,807 - 57,334)         |
| CO           | HS Grad    | 2,782       | 13.1                 | 1.15           | (10.9 - 15.4)     |  | 121,696             | (99,424 - 143,969)        |
| CO           | Some Coll  | 3,266       | 16.4                 | 1.07           | (14.3 - 18.5)     |  | 171,585             | (147,566 - 195,604)       |
| CO           | Coll Grad  | 4,898       | 14.7                 | 0.75           | (13.3 - 16.2)     |  | 230,032             | (205,298 - 254,767)       |
| CT           | HS Nongrad | 458         | 25.4                 | 4.20           | (17.2 - 33.7)     |  | 35,349              | (21,358 - 49,341)         |

## Notes:

\*CI denotes confidence interval.

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If values for the standard error and the 95% confidence interval are not provided, the normal approximation to the binomial distribution does not apply due to small sample size.

When the sample size is less than 50, estimates are not precise and should be interpreted with caution.

**Table L6**  
**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)**  
**and Prevalence (Number) by Education and State or Territory: BRFSS 2010**

| State | Education  | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | Prevalence (number) | 95% CI* (number)    |
|-------|------------|-------------|----------------------|----------------|-------------------|---------------------|---------------------|
| CT    | HS Grad    | 1,695       | 13.8                 | 1.42           | (11.0 - 16.6)     | 94,729              | (74,116 - 115,343)  |
| CT    | Some Coll  | 1,479       | 18.2                 | 1.68           | (14.9 - 21.5)     | 112,472             | (89,933 - 135,011)  |
| CT    | Coll Grad  | 3,109       | 13.5                 | 0.92           | (11.7 - 15.3)     | 168,240             | (144,558 - 191,923) |
| DE    | HS Nongrad | 277         | 19.7                 | 3.96           | (11.9 - 27.5)     | 8,103               | (4,604 - 11,603)    |
| DE    | HS Grad    | 1,272       | 17.1                 | 1.68           | (13.8 - 20.4)     | 30,930              | (24,296 - 37,564)   |
| DE    | Some Coll  | 1,102       | 16.5                 | 1.79           | (13.0 - 20.0)     | 31,883              | (24,532 - 39,233)   |
| DE    | Coll Grad  | 1,574       | 11.8                 | 1.06           | (9.8 - 13.9)      | 30,975              | (25,334 - 36,616)   |
| DC    | HS Nongrad | 254         | 23.6                 | 3.51           | (16.7 - 30.5)     | 7,077               | (4,713 - 9,440)     |
| DC    | HS Grad    | 609         | 16.0                 | 2.21           | (11.7 - 20.3)     | 14,201              | (9,970 - 18,433)    |
| DC    | Some Coll  | 571         | 18.5                 | 2.59           | (13.4 - 23.6)     | 14,178              | (9,770 - 18,585)    |
| DC    | Coll Grad  | 2,517       | 14.5                 | 0.90           | (12.8 - 16.3)     | 41,263              | (35,988 - 46,539)   |
| FL    | HS Nongrad | 3,569       | 16.0                 | 1.54           | (13.0 - 19.0)     | 176,630             | (141,752 - 211,507) |
| FL    | HS Grad    | 11,372      | 14.3                 | 0.92           | (12.5 - 16.1)     | 558,798             | (482,171 - 635,424) |
| FL    | Some Coll  | 9,876       | 16.1                 | 1.01           | (14.1 - 18.0)     | 668,880             | (577,814 - 759,946) |
| FL    | Coll Grad  | 10,079      | 11.3                 | 0.65           | (10.0 - 12.6)     | 620,322             | (547,582 - 693,063) |
| GA    | HS Nongrad | 690         | 17.1                 | 2.43           | (12.3 - 21.9)     | 121,579             | (83,915 - 159,243)  |
| GA    | HS Grad    | 1,592       | 11.9                 | 1.24           | (9.4 - 14.3)      | 218,663             | (171,090 - 266,237) |
| GA    | Some Coll  | 1,520       | 11.8                 | 1.18           | (9.5 - 14.1)      | 228,505             | (181,250 - 275,761) |
| GA    | Coll Grad  | 1,947       | 9.3                  | 0.88           | (7.6 - 11.1)      | 262,599             | (212,360 - 312,838) |
| HI    | HS Nongrad | 325         | 14.1                 | 3.04           | (8.2 - 20.1)      | 7,535               | (4,196 - 10,875)    |
| HI    | HS Grad    | 1,737       | 18.5                 | 1.46           | (15.7 - 21.4)     | 53,936              | (44,816 - 63,056)   |
| HI    | Some Coll  | 1,814       | 19.7                 | 1.56           | (16.6 - 22.7)     | 56,191              | (46,360 - 66,023)   |
| HI    | Coll Grad  | 2,639       | 15.7                 | 1.00           | (13.7 - 17.6)     | 58,684              | (50,932 - 66,437)   |
| ID    | HS Nongrad | 594         | 14.7                 | 2.21           | (10.4 - 19.0)     | 16,387              | (11,182 - 21,593)   |
| ID    | HS Grad    | 2,179       | 12.3                 | 1.16           | (10.1 - 14.6)     | 41,803              | (33,571 - 50,035)   |
| ID    | Some Coll  | 2,126       | 14.7                 | 1.07           | (12.5 - 16.8)     | 50,792              | (43,123 - 58,462)   |
| ID    | Coll Grad  | 2,083       | 13.4                 | 1.02           | (11.4 - 15.4)     | 46,015              | (38,821 - 53,208)   |
| IL    | HS Nongrad | 353         | 18.1                 | 3.22           | (11.8 - 24.5)     | 144,990             | (90,091 - 199,889)  |
| IL    | HS Grad    | 1,371       | 11.9                 | 1.43           | (9.0 - 14.7)      | 286,120             | (213,610 - 358,630) |

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**Table L6**  
**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)**  
**and Prevalence (Number) by Education and State or Territory: BRFSS 2010**

| State | Education  | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | Prevalence (number) | 95% CI* (number)    |
|-------|------------|-------------|----------------------|----------------|-------------------|---------------------|---------------------|
| IL    | Some Coll  | 1,424       | 15.7                 | 1.42           | (13.0 - 18.5)     | 435,420             | (352,635 - 518,206) |
| IL    | Coll Grad  | 2,046       | 12.3                 | 1.04           | (10.3 - 14.3)     | 465,870             | (384,744 - 546,997) |
| IN    | HS Nongrad | 987         | 18.5                 | 2.16           | (14.2 - 22.7)     | 88,129              | (65,764 - 110,493)  |
| IN    | HS Grad    | 3,845       | 13.1                 | 0.88           | (11.4 - 14.8)     | 219,408             | (188,964 - 249,852) |
| IN    | Some Coll  | 2,570       | 15.6                 | 1.10           | (13.4 - 17.7)     | 190,738             | (162,200 - 219,275) |
| IN    | Coll Grad  | 2,767       | 13.0                 | 0.91           | (11.2 - 14.8)     | 187,634             | (160,185 - 215,084) |
| IA    | HS Nongrad | 402         | 7.7                  | 1.39           | (5.0 - 10.4)      | 12,078              | (7,872 - 16,285)    |
| IA    | HS Grad    | 2,130       | 10.5                 | 1.04           | (8.4 - 12.5)      | 78,797              | (62,618 - 94,976)   |
| IA    | Some Coll  | 1,643       | 14.9                 | 1.34           | (12.2 - 17.5)     | 97,145              | (78,514 - 115,775)  |
| IA    | Coll Grad  | 1,897       | 10.9                 | 0.99           | (8.9 - 12.8)      | 79,813              | (64,777 - 94,849)   |
| KS    | HS Nongrad | 536         | 14.9                 | 2.33           | (10.3 - 19.5)     | 20,233              | (13,445 - 27,021)   |
| KS    | HS Grad    | 2,484       | 13.7                 | 1.15           | (11.5 - 16.0)     | 79,028              | (64,977 - 93,080)   |
| KS    | Some Coll  | 2,398       | 13.2                 | 1.09           | (11.1 - 15.4)     | 79,810              | (65,940 - 93,680)   |
| KS    | Coll Grad  | 3,111       | 12.4                 | 0.78           | (10.9 - 13.9)     | 98,975              | (86,156 - 111,795)  |
| KY    | HS Nongrad | 1,224       | 20.0                 | 1.83           | (16.4 - 23.6)     | 77,236              | (63,034 - 91,439)   |
| KY    | HS Grad    | 2,936       | 16.5                 | 1.21           | (14.1 - 18.8)     | 180,798             | (152,931 - 208,664) |
| KY    | Some Coll  | 1,986       | 14.7                 | 1.28           | (12.2 - 17.2)     | 124,743             | (102,224 - 147,262) |
| KY    | Coll Grad  | 1,862       | 11.2                 | 1.26           | (8.7 - 13.6)      | 105,873             | (81,245 - 130,502)  |
| LA    | HS Nongrad | 858         | 16.2                 | 2.17           | (11.9 - 20.5)     | 64,658              | (45,770 - 83,545)   |
| LA    | HS Grad    | 2,213       | 12.1                 | 1.25           | (9.7 - 14.6)      | 131,203             | (102,361 - 160,044) |
| LA    | Some Coll  | 1,819       | 10.7                 | 0.98           | (8.8 - 12.6)      | 94,575              | (77,031 - 112,119)  |
| LA    | Coll Grad  | 2,113       | 9.9                  | 0.98           | (7.9 - 11.8)      | 97,660              | (77,405 - 117,915)  |
| ME    | HS Nongrad | 525         | 23.4                 | 2.93           | (17.7 - 29.2)     | 15,433              | (10,987 - 19,880)   |
| ME    | HS Grad    | 2,715       | 12.9                 | 0.87           | (11.2 - 14.6)     | 44,959              | (38,674 - 51,245)   |
| ME    | Some Coll  | 2,031       | 18.1                 | 1.34           | (15.5 - 20.7)     | 48,871              | (40,847 - 56,895)   |
| ME    | Coll Grad  | 2,821       | 15.1                 | 0.96           | (13.2 - 17.0)     | 53,981              | (46,670 - 61,293)   |
| MD    | HS Nongrad | 632         | 17.1                 | 2.95           | (11.3 - 22.9)     | 46,411              | (28,654 - 64,167)   |
| MD    | HS Grad    | 2,535       | 13.4                 | 1.23           | (11.0 - 15.8)     | 149,980             | (120,873 - 179,087) |
| MD    | Some Coll  | 2,191       | 11.9                 | 1.07           | (9.8 - 14.0)      | 128,887             | (105,221 - 152,554) |

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|-------|------------|-------------|----------------------|----------------|-------------------|---------------------|---------------------|
| MD    | Coll Grad  | 3,756       | 11.5                 | 0.69           | (10.1 - 12.8)     | 207,697             | (182,278 - 233,116) |
| MA    | HS Nongrad | 1,536       | 23.8                 | 2.24           | (19.4 - 28.2)     | 73,751              | (58,027 - 89,475)   |
| MA    | HS Grad    | 4,046       | 14.0                 | 0.96           | (12.1 - 15.9)     | 153,073             | (131,171 - 174,975) |
| MA    | Some Coll  | 3,717       | 17.0                 | 1.06           | (14.9 - 19.1)     | 189,242             | (163,482 - 215,001) |
| MA    | Coll Grad  | 6,848       | 14.3                 | 0.64           | (13.0 - 15.6)     | 363,004             | (329,342 - 396,667) |
| MI    | HS Nongrad | 619         | 19.6                 | 2.54           | (14.7 - 24.6)     | 93,085              | (67,115 - 119,054)  |
| MI    | HS Grad    | 2,773       | 15.4                 | 1.12           | (13.2 - 17.6)     | 345,257             | (291,166 - 399,349) |
| MI    | Some Coll  | 2,588       | 17.5                 | 1.16           | (15.2 - 19.8)     | 405,161             | (347,395 - 462,927) |
| MI    | Coll Grad  | 2,845       | 13.7                 | 0.87           | (12.0 - 15.4)     | 349,708             | (303,797 - 395,618) |
| MN    | HS Nongrad | 438         | 12.9                 | 5.09           | (2.9 - 22.8)      | 26,413              | (3,459 - 49,367)    |
| MN    | HS Grad    | 2,322       | 9.1                  | 1.15           | (6.8 - 11.3)      | 95,141              | (70,693 - 119,588)  |
| MN    | Some Coll  | 2,654       | 13.8                 | 1.55           | (10.8 - 16.9)     | 172,177             | (130,509 - 213,845) |
| MN    | Coll Grad  | 3,500       | 9.6                  | 0.85           | (7.9 - 11.2)      | 142,077             | (116,506 - 167,649) |
| MS    | HS Nongrad | 1,449       | 15.0                 | 1.34           | (12.3 - 17.6)     | 50,472              | (41,155 - 59,789)   |
| MS    | HS Grad    | 2,647       | 10.9                 | 0.91           | (9.1 - 12.7)      | 74,979              | (62,337 - 87,621)   |
| MS    | Some Coll  | 2,000       | 13.0                 | 1.13           | (10.8 - 15.2)     | 76,310              | (62,549 - 90,072)   |
| MS    | Coll Grad  | 1,954       | 8.9                  | 0.86           | (7.2 - 10.6)      | 50,772              | (40,915 - 60,629)   |
| MO    | HS Nongrad | 596         | 21.2                 | 3.61           | (14.1 - 28.3)     | 99,515              | (62,389 - 136,640)  |
| MO    | HS Grad    | 1,948       | 12.4                 | 1.24           | (9.9 - 14.8)      | 182,155             | (144,322 - 219,987) |
| MO    | Some Coll  | 1,382       | 15.3                 | 1.59           | (12.2 - 18.4)     | 180,285             | (141,020 - 219,550) |
| MO    | Coll Grad  | 1,481       | 12.8                 | 1.27           | (10.3 - 15.3)     | 179,982             | (143,551 - 216,413) |
| MT    | HS Nongrad | 546         | 17.3                 | 3.63           | (10.1 - 24.4)     | 10,496              | (5,585 - 15,406)    |
| MT    | HS Grad    | 2,263       | 12.6                 | 1.22           | (10.2 - 15.0)     | 30,443              | (24,366 - 36,520)   |
| MT    | Some Coll  | 2,177       | 13.0                 | 1.08           | (10.9 - 15.1)     | 28,964              | (24,228 - 33,701)   |
| MT    | Coll Grad  | 2,280       | 12.1                 | 1.00           | (10.1 - 14.0)     | 28,120              | (23,297 - 32,942)   |
| NE    | HS Nongrad | 1,227       | 12.8                 | 2.04           | (8.8 - 16.8)      | 12,772              | (8,764 - 16,780)    |
| NE    | HS Grad    | 6,103       | 10.1                 | 0.83           | (8.4 - 11.7)      | 40,786              | (33,965 - 47,607)   |
| NE    | Some Coll  | 4,653       | 14.3                 | 1.35           | (11.6 - 16.9)     | 56,656              | (45,227 - 68,086)   |
| NE    | Coll Grad  | 4,329       | 12.3                 | 0.96           | (10.4 - 14.2)     | 53,940              | (45,161 - 62,719)   |

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|-------|------------|-------------|----------------------|----------------|-------------------|---------------------|-----------------------|
| NV    | HS Nongrad | 270         | 25.5                 | 4.20           | (17.2 - 33.7)     | 30,713              | (18,814 - 42,611)     |
| NV    | HS Grad    | 1,153       | 14.6                 | 2.13           | (10.4 - 18.8)     | 91,001              | (62,464 - 119,537)    |
| NV    | Some Coll  | 1,293       | 15.6                 | 1.88           | (11.9 - 19.3)     | 99,483              | (73,805 - 125,160)    |
| NV    | Coll Grad  | 1,178       | 11.0                 | 1.34           | (8.4 - 13.6)      | 63,986              | (48,510 - 79,462)     |
| NH    | HS Nongrad | 330         | 17.9                 | 2.87           | (12.3 - 23.6)     | 8,820               | (5,847 - 11,792)      |
| NH    | HS Grad    | 1,696       | 14.3                 | 1.25           | (11.9 - 16.8)     | 39,554              | (32,274 - 46,835)     |
| NH    | Some Coll  | 1,539       | 16.1                 | 1.35           | (13.4 - 18.7)     | 42,578              | (34,962 - 50,193)     |
| NH    | Coll Grad  | 2,440       | 14.3                 | 0.99           | (12.3 - 16.2)     | 62,351              | (53,298 - 71,405)     |
| NJ    | HS Nongrad | 858         | 18.0                 | 2.07           | (14.0 - 22.1)     | 77,663              | (58,819 - 96,508)     |
| NJ    | HS Grad    | 3,536       | 12.9                 | 0.92           | (11.1 - 14.7)     | 231,483             | (196,907 - 266,058)   |
| NJ    | Some Coll  | 2,944       | 14.2                 | 1.00           | (12.3 - 16.2)     | 227,016             | (193,483 - 260,549)   |
| NJ    | Coll Grad  | 4,946       | 12.5                 | 0.74           | (11.0 - 13.9)     | 343,578             | (301,534 - 385,623)   |
| NM    | HS Nongrad | 791         | 14.0                 | 2.82           | (8.5 - 19.5)      | 25,530              | (14,223 - 36,837)     |
| NM    | HS Grad    | 1,886       | 13.5                 | 1.34           | (10.8 - 16.1)     | 56,308              | (44,483 - 68,133)     |
| NM    | Some Coll  | 1,824       | 16.4                 | 1.42           | (13.7 - 19.2)     | 66,246              | (54,057 - 78,435)     |
| NM    | Coll Grad  | 2,467       | 14.3                 | 1.01           | (12.3 - 16.2)     | 70,801              | (60,500 - 81,102)     |
| NY    | HS Nongrad | 649         | 17.9                 | 1.91           | (14.2 - 21.7)     | 212,080             | (165,371 - 258,788)   |
| NY    | HS Grad    | 2,384       | 14.2                 | 1.00           | (12.2 - 16.1)     | 560,497             | (477,777 - 643,217)   |
| NY    | Some Coll  | 2,024       | 15.9                 | 1.12           | (13.7 - 18.1)     | 545,381             | (463,736 - 627,026)   |
| NY    | Coll Grad  | 3,819       | 14.0                 | 0.77           | (12.5 - 15.5)     | 906,334             | (802,471 - 1,010,197) |
| NC    | HS Nongrad | 1,536       | 18.1                 | 1.71           | (14.7 - 21.4)     | 162,647             | (129,658 - 195,636)   |
| NC    | HS Grad    | 3,494       | 12.7                 | 1.10           | (10.6 - 14.9)     | 277,176             | (226,547 - 327,806)   |
| NC    | Some Coll  | 3,022       | 11.8                 | 0.91           | (10.0 - 13.5)     | 204,822             | (172,255 - 237,389)   |
| NC    | Coll Grad  | 4,035       | 11.0                 | 0.81           | (9.4 - 12.5)      | 254,904             | (215,797 - 294,012)   |
| ND    | HS Nongrad | 327         | 14.3                 | 5.09           | (4.2 - 24.3)      | 4,842               | (978 - 8,706)         |
| ND    | HS Grad    | 1,407       | 11.3                 | 1.55           | (8.3 - 14.3)      | 17,269              | (12,283 - 22,254)     |
| ND    | Some Coll  | 1,512       | 10.8                 | 1.18           | (8.4 - 13.1)      | 16,853              | (13,031 - 20,674)     |
| ND    | Coll Grad  | 1,490       | 8.9                  | 0.86           | (7.3 - 10.6)      | 13,754              | (11,094 - 16,415)     |
| OH    | HS Nongrad | 779         | 19.7                 | 2.16           | (15.5 - 23.9)     | 121,235             | (93,068 - 149,401)    |

## Notes:

\*CI denotes confidence interval.

\*\*U.S. Total includes 50 states plus the District of Columbia and excludes the three territories.

If values for the standard error and the 95% confidence interval are not provided, the normal approximation to the binomial distribution does not apply due to small sample size.

When the sample size is less than 50, estimates are not precise and should be interpreted with caution.

**Table L6**  
**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)**  
**and Prevalence (Number) by Education and State or Territory: BRFSS 2010**

| State | Education  | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) |  | Prevalence (number) | 95% CI* (number)    |
|-------|------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| OH    | HS Grad    | 3,406       | 14.2                 | 1.04           | (12.2 - 16.3)     |  | 410,971             | (347,071 - 474,872) |
| OH    | Some Coll  | 2,525       | 15.0                 | 1.20           | (12.7 - 17.4)     |  | 339,592             | (281,635 - 397,549) |
| OH    | Coll Grad  | 3,077       | 11.3                 | 0.85           | (9.6 - 12.9)      |  | 334,662             | (282,687 - 386,638) |
| OK    | HS Nongrad | 987         | 16.8                 | 1.70           | (13.4 - 20.1)     |  | 58,562              | (45,814 - 71,310)   |
| OK    | HS Grad    | 2,467       | 13.3                 | 0.98           | (11.4 - 15.2)     |  | 117,167             | (99,134 - 135,201)  |
| OK    | Some Coll  | 2,064       | 16.0                 | 1.15           | (13.8 - 18.2)     |  | 118,194             | (100,202 - 136,186) |
| OK    | Coll Grad  | 2,187       | 12.2                 | 0.93           | (10.4 - 14.1)     |  | 96,616              | (81,353 - 111,880)  |
| OR    | HS Nongrad | 299         | 18.0                 | 3.49           | (11.1 - 24.8)     |  | 34,136              | (19,767 - 48,506)   |
| OR    | HS Grad    | 1,342       | 17.0                 | 1.81           | (13.4 - 20.5)     |  | 145,196             | (111,418 - 178,973) |
| OR    | Some Coll  | 1,503       | 18.2                 | 1.53           | (15.2 - 21.2)     |  | 155,404             | (127,333 - 183,476) |
| OR    | Coll Grad  | 1,863       | 13.7                 | 1.03           | (11.7 - 15.7)     |  | 144,472             | (122,013 - 166,930) |
| PA    | HS Nongrad | 875         | 19.7                 | 2.11           | (15.6 - 23.9)     |  | 138,572             | (105,841 - 171,303) |
| PA    | HS Grad    | 4,401       | 12.5                 | 0.74           | (11.0 - 14.0)     |  | 423,009             | (370,705 - 475,314) |
| PA    | Some Coll  | 2,466       | 15.1                 | 0.96           | (13.2 - 17.0)     |  | 329,003             | (285,615 - 372,390) |
| PA    | Coll Grad  | 3,437       | 13.1                 | 0.83           | (11.5 - 14.8)     |  | 451,292             | (392,182 - 510,402) |
| RI    | HS Nongrad | 595         | 18.4                 | 2.63           | (13.3 - 23.6)     |  | 11,583              | (8,034 - 15,132)    |
| RI    | HS Grad    | 1,902       | 14.6                 | 1.45           | (11.8 - 17.5)     |  | 32,825              | (25,862 - 39,789)   |
| RI    | Some Coll  | 1,544       | 19.2                 | 1.80           | (15.7 - 22.7)     |  | 38,725              | (30,625 - 46,825)   |
| RI    | Coll Grad  | 2,536       | 16.2                 | 1.22           | (13.8 - 18.5)     |  | 53,033              | (44,349 - 61,716)   |
| SC    | HS Nongrad | 1,378       | 17.6                 | 2.04           | (13.6 - 21.6)     |  | 76,276              | (57,638 - 94,913)   |
| SC    | HS Grad    | 3,024       | 12.9                 | 1.09           | (10.7 - 15.0)     |  | 134,916             | (111,112 - 158,720) |
| SC    | Some Coll  | 2,283       | 14.4                 | 1.80           | (10.9 - 17.9)     |  | 132,688             | (96,561 - 168,815)  |
| SC    | Coll Grad  | 2,698       | 9.9                  | 0.87           | (8.2 - 11.6)      |  | 107,213             | (88,666 - 125,760)  |
| SD    | HS Nongrad | 604         | 18.3                 | 3.15           | (12.2 - 24.5)     |  | 8,331               | (5,183 - 11,480)    |
| SD    | HS Grad    | 2,180       | 11.7                 | 1.15           | (9.4 - 13.9)      |  | 22,000              | (17,522 - 26,479)   |
| SD    | Some Coll  | 1,872       | 11.5                 | 1.32           | (8.9 - 14.1)      |  | 20,128              | (15,270 - 24,986)   |
| SD    | Coll Grad  | 2,036       | 10.1                 | 1.00           | (8.1 - 12.0)      |  | 20,387              | (16,193 - 24,581)   |
| TN    | HS Nongrad | 837         | 14.7                 | 2.30           | (10.1 - 19.2)     |  | 84,605              | (56,146 - 113,064)  |
| TN    | HS Grad    | 2,080       | 9.1                  | 1.15           | (6.8 - 11.3)      |  | 150,982             | (111,722 - 190,242) |

## Notes:

\*CI denotes confidence interval.

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If values for the standard error and the 95% confidence interval are not provided, the normal approximation to the binomial distribution does not apply due to small sample size.

When the sample size is less than 50, estimates are not precise and should be interpreted with caution.

**Table L6**  
**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)**  
**and Prevalence (Number) by Education and State or Territory: BRFSS 2010**

| State | Education  | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) |  | Prevalence (number) | 95% CI* (number)    |
|-------|------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| TN    | Some Coll  | 1,625       | 6.6                  | 1.02           | (4.6 - 8.6)       |  | 94,641              | (65,031 - 124,250)  |
| TN    | Coll Grad  | 1,192       | 10.5                 | 1.67           | (7.2 - 13.8)      |  | 118,974             | (79,181 - 158,766)  |
| TX    | HS Nongrad | 2,878       | 7.6                  | 0.90           | (5.8 - 9.3)       |  | 186,088             | (142,432 - 229,745) |
| TX    | HS Grad    | 4,591       | 14.3                 | 1.23           | (11.9 - 16.7)     |  | 632,849             | (517,012 - 748,686) |
| TX    | Some Coll  | 4,498       | 15.9                 | 1.22           | (13.5 - 18.3)     |  | 711,978             | (593,817 - 830,139) |
| TX    | Coll Grad  | 6,010       | 11.6                 | 1.00           | (9.7 - 13.6)      |  | 778,027             | (636,542 - 919,512) |
| UT    | HS Nongrad | 532         | 10.7                 | 2.80           | (5.2 - 16.2)      |  | 13,643              | (6,083 - 21,202)    |
| UT    | HS Grad    | 2,886       | 16.0                 | 1.28           | (13.5 - 18.5)     |  | 93,785              | (77,435 - 110,134)  |
| UT    | Some Coll  | 3,179       | 14.3                 | 1.02           | (12.4 - 16.3)     |  | 89,467              | (76,011 - 102,923)  |
| UT    | Coll Grad  | 3,511       | 13.4                 | 0.87           | (11.7 - 15.1)     |  | 83,835              | (72,328 - 95,342)   |
| VT    | HS Nongrad | 398         | 27.1                 | 4.17           | (18.9 - 35.3)     |  | 7,475               | (4,591 - 10,359)    |
| VT    | HS Grad    | 2,062       | 17.3                 | 1.27           | (14.8 - 19.8)     |  | 26,474              | (22,264 - 30,684)   |
| VT    | Some Coll  | 1,575       | 16.3                 | 1.47           | (13.4 - 19.2)     |  | 19,722              | (15,873 - 23,571)   |
| VT    | Coll Grad  | 2,736       | 16.3                 | 1.01           | (14.3 - 18.2)     |  | 31,055              | (26,923 - 35,187)   |
| VA    | HS Nongrad | 561         | 18.3                 | 3.55           | (11.4 - 25.3)     |  | 90,855              | (63,222 - 118,489)  |
| VA    | HS Grad    | 1,495       | 13.9                 | 1.47           | (11.0 - 16.7)     |  | 225,893             | (177,837 - 273,950) |
| VA    | Some Coll  | 1,342       | 13.8                 | 2.07           | (9.7 - 17.8)      |  | 213,070             | (145,368 - 280,771) |
| VA    | Coll Grad  | 1,942       | 10.7                 | 1.12           | (8.5 - 12.9)      |  | 248,749             | (197,251 - 300,247) |
| WA    | HS Nongrad | 1,170       | 18.4                 | 1.98           | (14.5 - 22.3)     |  | 68,325              | (52,107 - 84,543)   |
| WA    | HS Grad    | 4,711       | 14.3                 | 0.86           | (12.6 - 15.9)     |  | 178,480             | (155,718 - 201,241) |
| WA    | Some Coll  | 6,214       | 17.9                 | 0.73           | (16.4 - 19.3)     |  | 271,914             | (248,639 - 295,189) |
| WA    | Coll Grad  | 7,383       | 14.8                 | 0.60           | (13.6 - 15.9)     |  | 285,765             | (261,583 - 309,947) |
| WV    | HS Nongrad | 664         | 14.5                 | 1.96           | (10.7 - 18.4)     |  | 29,221              | (20,750 - 37,691)   |
| WV    | HS Grad    | 1,776       | 9.4                  | 0.99           | (7.4 - 11.3)      |  | 55,067              | (43,065 - 67,068)   |
| WV    | Some Coll  | 1,036       | 12.6                 | 1.51           | (9.6 - 15.6)      |  | 44,994              | (33,624 - 56,364)   |
| WV    | Coll Grad  | 911         | 8.5                  | 1.14           | (6.2 - 10.7)      |  | 24,019              | (17,420 - 30,617)   |
| WI    | HS Nongrad | 374         | 12.0                 | 2.83           | (6.5 - 17.6)      |  | 29,393              | (14,917 - 43,869)   |
| WI    | HS Grad    | 1,630       | 13.4                 | 1.53           | (10.4 - 16.4)     |  | 183,307             | (138,765 - 227,848) |
| WI    | Some Coll  | 1,377       | 13.2                 | 1.31           | (10.6 - 15.8)     |  | 166,922             | (132,908 - 200,935) |

## Notes:

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**Table L6**  
**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)**  
**and Prevalence (Number) by Education and State or Territory: BRFSS 2010**

| State       | Education  | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) |  | Prevalence (number) | 95% CI* (number)    |
|-------------|------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| WI          | Coll Grad  | 1,360       | 11.9                 | 1.47           | (9.0 - 14.8)      |  | 172,484             | (127,878 - 217,090) |
| WY          | HS Nongrad | 329         | 16.9                 | 3.08           | (10.9 - 23.0)     |  | 4,365               | (2,684 - 6,047)     |
| WY          | HS Grad    | 1,747       | 12.9                 | 1.36           | (10.2 - 15.6)     |  | 16,195              | (12,585 - 19,805)   |
| WY          | Some Coll  | 1,856       | 15.9                 | 1.20           | (13.6 - 18.2)     |  | 21,076              | (17,724 - 24,428)   |
| WY          | Coll Grad  | 1,877       | 14.7                 | 1.11           | (12.5 - 16.8)     |  | 18,389              | (15,430 - 21,348)   |
| Territories |            |             |                      |                |                   |  |                     |                     |
| GU          | HS Nongrad | 104         | 12.8                 | 4.50           | (3.9 - 21.8)      |  | 1,815               | (446 - 3,185)       |
| GU          | HS Grad    | 296         | 10.3                 | 2.35           | (5.7 - 14.9)      |  | 4,455               | (2,351 - 6,558)     |
| GU          | Some Coll  | 172         | 13.1                 | 3.23           | (6.7 - 19.4)      |  | 2,987               | (1,438 - 4,536)     |
| GU          | Coll Grad  | 207         | 7.1                  | 2.31           | (2.6 - 11.7)      |  | 1,805               | (615 - 2,995)       |
| PR          | HS Nongrad | 1,087       | 17.0                 | 1.66           | (13.7 - 20.2)     |  | 93,662              | (74,034 - 113,291)  |
| PR          | HS Grad    | 825         | 14.9                 | 1.72           | (11.6 - 18.3)     |  | 98,096              | (74,159 - 122,033)  |
| PR          | Some Coll  | 738         | 12.2                 | 1.54           | (9.2 - 15.3)      |  | 96,317              | (71,193 - 121,442)  |
| PR          | Coll Grad  | 879         | 15.2                 | 1.54           | (12.2 - 18.2)     |  | 127,833             | (100,739 - 154,927) |
| VI          | HS Nongrad | 324         | 5.7                  | 1.59           | (2.5 - 8.8)       |  | 710                 | (309 - 1,111)       |
| VI          | HS Grad    | 624         | 9.1                  | 1.59           | (6.0 - 12.2)      |  | 2,578               | (1,655 - 3,500)     |
| VI          | Some Coll  | 331         | 14.3                 | 2.51           | (9.4 - 19.2)      |  | 1,906               | (1,209 - 2,603)     |
| VI          | Coll Grad  | 511         | 14.8                 | 2.46           | (9.9 - 19.6)      |  | 2,815               | (1,802 - 3,827)     |

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