

Table L7
Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)
and Prevalence (Number) by Income and State or Territory: BRFSS 2015

| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|--------------|---------------|-------------|----------------------|----------------|-------------------|--|---------------------|-------------------------|
| U.S. Total** | < \$15,000 | 35,564 | 19.3 | 0.39 | (18.5 - 20.1) | | 4,392,103 | (4,202,659 - 4,581,548) |
| U.S. Total** | \$15-\$24,999 | 57,422 | 15.5 | 0.31 | (14.9 - 16.1) | | 5,370,321 | (5,144,845 - 5,595,797) |
| U.S. Total** | \$25-\$49,999 | 89,815 | 13.0 | 0.22 | (12.5 - 13.4) | | 6,431,445 | (6,199,999 - 6,662,890) |
| U.S. Total** | \$50-\$74,999 | 57,620 | 12.6 | 0.27 | (12.0 - 13.1) | | 3,932,297 | (3,757,494 - 4,107,100) |
| U.S. Total** | ≥\$75,000 | 114,645 | 12.1 | 0.19 | (11.7 - 12.5) | | 7,996,644 | (7,736,988 - 8,256,300) |
| AL | < \$15,000 | 965 | 26.9 | 2.08 | (22.8 - 31.0) | | 112,461 | (92,396 - 132,526) |
| AL | \$15-\$24,999 | 1,366 | 17.0 | 1.40 | (14.2 - 19.7) | | 102,901 | (84,757 - 121,045) |
| AL | \$25-\$49,999 | 1,590 | 14.2 | 1.23 | (11.8 - 16.6) | | 105,434 | (86,324 - 124,544) |
| AL | \$50-\$74,999 | 943 | 11.4 | 1.32 | (8.8 - 14.0) | | 54,428 | (41,568 - 67,288) |
| AL | ≥\$75,000 | 1,493 | 10.9 | 1.11 | (8.7 - 13.1) | | 82,377 | (65,079 - 99,674) |
| AK | < \$15,000 | 306 | 18.5 | 3.68 | (11.3 - 25.8) | | 6,283 | (3,546 - 9,019) |
| AK | \$15-\$24,999 | 410 | 17.9 | 4.21 | (9.6 - 26.1) | | 12,425 | (5,805 - 19,045) |
| AK | \$25-\$49,999 | 668 | 13.5 | 2.50 | (8.6 - 18.4) | | 13,880 | (8,408 - 19,353) |
| AK | \$50-\$74,999 | 532 | 12.7 | 2.30 | (8.2 - 17.2) | | 9,130 | (5,639 - 12,621) |
| AK | ≥\$75,000 | 1,321 | 11.1 | 1.34 | (8.5 - 13.8) | | 22,356 | (16,846 - 27,865) |
| AZ | < \$15,000 | 602 | 18.8 | 2.35 | (14.2 - 23.4) | | 88,201 | (64,487 - 111,915) |
| AZ | \$15-\$24,999 | 1,130 | 17.1 | 1.69 | (13.8 - 20.4) | | 151,319 | (119,513 - 183,126) |
| AZ | \$25-\$49,999 | 1,622 | 15.9 | 1.32 | (13.4 - 18.5) | | 171,161 | (141,491 - 200,830) |
| AZ | \$50-\$74,999 | 965 | 13.7 | 1.66 | (10.5 - 17.0) | | 81,226 | (60,509 - 101,943) |
| AZ | ≥\$75,000 | 1,844 | 13.6 | 1.10 | (11.5 - 15.8) | | 151,663 | (126,156 - 177,170) |
| AR | < \$15,000 | 634 | 18.5 | 2.92 | (12.8 - 24.3) | | 52,771 | (34,788 - 70,754) |
| AR | \$15-\$24,999 | 864 | 17.5 | 2.33 | (12.9 - 22.0) | | 69,834 | (49,766 - 89,902) |
| AR | \$25-\$49,999 | 1,166 | 15.0 | 2.05 | (11.0 - 19.1) | | 76,589 | (54,209 - 98,970) |
| AR | \$50-\$74,999 | 585 | 11.2 | 1.86 | (7.5 - 14.8) | | 31,235 | (20,677 - 41,793) |
| AR | ≥\$75,000 | 870 | 12.3 | 1.93 | (8.5 - 16.1) | | 49,134 | (32,891 - 65,377) |
| CA | < \$15,000 | 1,626 | 14.7 | 1.04 | (12.7 - 16.7) | | 575,005 | (491,636 - 658,374) |
| CA | \$15-\$24,999 | 1,471 | 13.4 | 1.18 | (11.0 - 15.7) | | 479,184 | (389,691 - 568,677) |
| CA | \$25-\$49,999 | 2,241 | 10.9 | 0.81 | (9.3 - 12.5) | | 578,992 | (489,914 - 668,070) |

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 L7
Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)
and Prevalence (Number) by Income and State or Territory: BRFSS 2015

| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|-------|---------------|-------------|----------------------|----------------|-------------------|--|---------------------|-------------------------|
| CA | \$50-\$74,999 | 1,422 | 12.4 | 1.03 | (10.4 - 14.4) | | 415,652 | (344,901 - 486,403) |
| CA | >=\$75,000 | 3,882 | 14.2 | 0.79 | (12.6 - 15.7) | | 1,268,835 | (1,119,018 - 1,418,652) |
| CO | < \$15,000 | 831 | 20.9 | 2.18 | (16.6 - 25.2) | | 52,102 | (40,250 - 63,954) |
| CO | \$15-\$24,999 | 1,595 | 11.1 | 1.15 | (8.8 - 13.4) | | 53,507 | (42,163 - 64,851) |
| CO | \$25-\$49,999 | 2,728 | 13.1 | 0.99 | (11.2 - 15.0) | | 110,894 | (93,543 - 128,245) |
| CO | \$50-\$74,999 | 1,848 | 13.9 | 1.34 | (11.3 - 16.5) | | 79,421 | (63,247 - 95,596) |
| CO | >=\$75,000 | 3,931 | 14.0 | 0.89 | (12.2 - 15.7) | | 177,330 | (153,432 - 201,227) |
| CT | < \$15,000 | 879 | 21.1 | 1.98 | (17.2 - 24.9) | | 44,624 | (35,570 - 53,679) |
| CT | \$15-\$24,999 | 1,278 | 23.7 | 1.89 | (19.9 - 27.4) | | 69,702 | (56,908 - 82,495) |
| CT | \$25-\$49,999 | 1,880 | 15.9 | 1.23 | (13.5 - 18.4) | | 67,744 | (56,675 - 78,814) |
| CT | \$50-\$74,999 | 1,394 | 12.2 | 1.19 | (9.9 - 14.6) | | 40,670 | (32,571 - 48,770) |
| CT | >=\$75,000 | 4,149 | 14.7 | 0.81 | (13.2 - 16.3) | | 148,660 | (131,277 - 166,042) |
| DE | < \$15,000 | 253 | 19.9 | 5.16 | (9.7 - 30.1) | | 7,999 | (3,171 - 12,827) |
| DE | \$15-\$24,999 | 575 | 15.1 | 2.39 | (10.4 - 19.8) | | 14,649 | (9,617 - 19,682) |
| DE | \$25-\$49,999 | 843 | 13.5 | 1.58 | (10.4 - 16.6) | | 19,646 | (14,857 - 24,435) |
| DE | \$50-\$74,999 | 502 | 15.9 | 2.71 | (10.6 - 21.2) | | 14,753 | (9,274 - 20,232) |
| DE | >=\$75,000 | 1,045 | 11.9 | 1.35 | (9.3 - 14.6) | | 25,686 | (19,704 - 31,667) |
| DC | < \$15,000 | 383 | 19.0 | 3.41 | (12.3 - 25.7) | | 11,622 | (7,338 - 15,907) |
| DC | \$15-\$24,999 | 389 | 27.6 | 4.91 | (17.9 - 37.2) | | 15,587 | (9,015 - 22,158) |
| DC | \$25-\$49,999 | 544 | 15.4 | 3.33 | (8.9 - 22.0) | | 11,619 | (6,260 - 16,979) |
| DC | \$50-\$74,999 | 373 | 15.3 | 4.21 | (7.0 - 23.6) | | 8,515 | (3,459 - 13,571) |
| DC | >=\$75,000 | 1,544 | 14.0 | 1.79 | (10.5 - 17.5) | | 28,246 | (20,655 - 35,837) |
| FL | < \$15,000 | 847 | 17.1 | 1.73 | (13.7 - 20.5) | | 260,693 | (205,378 - 316,008) |
| FL | \$15-\$24,999 | 1,492 | 12.9 | 1.15 | (10.6 - 15.1) | | 343,690 | (280,411 - 406,970) |
| FL | \$25-\$49,999 | 2,137 | 12.5 | 1.04 | (10.5 - 14.6) | | 450,426 | (372,858 - 527,994) |
| FL | \$50-\$74,999 | 1,235 | 10.7 | 1.21 | (8.3 - 13.1) | | 222,953 | (171,494 - 274,411) |
| FL | >=\$75,000 | 2,348 | 10.8 | 0.92 | (9.0 - 12.6) | | 393,074 | (324,135 - 462,013) |
| GA | < \$15,000 | 453 | 20.9 | 2.59 | (15.9 - 26.0) | | 157,393 | (115,548 - 199,238) |

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Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)
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| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|-------|---------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| GA | \$15-\$24,999 | 733 | 15.7 | 1.94 | (11.9 - 19.6) | | 200,170 | (147,672 - 252,667) |
| GA | \$25-\$49,999 | 935 | 13.9 | 1.69 | (10.6 - 17.3) | | 228,599 | (169,510 - 287,688) |
| GA | \$50-\$74,999 | 565 | 12.0 | 1.92 | (8.2 - 15.8) | | 112,875 | (75,018 - 150,732) |
| GA | >=\$75,000 | 1,083 | 11.5 | 1.35 | (8.9 - 14.1) | | 196,664 | (148,734 - 244,594) |
| HI | < \$15,000 | 624 | 21.6 | 2.57 | (16.6 - 26.7) | | 18,306 | (13,458 - 23,153) |
| HI | \$15-\$24,999 | 946 | 18.3 | 1.88 | (14.6 - 22.0) | | 27,053 | (20,986 - 33,120) |
| HI | \$25-\$49,999 | 1,593 | 16.7 | 1.34 | (14.1 - 19.3) | | 39,893 | (33,049 - 46,737) |
| HI | \$50-\$74,999 | 1,055 | 14.4 | 1.47 | (11.5 - 17.3) | | 22,741 | (17,875 - 27,606) |
| HI | >=\$75,000 | 2,221 | 16.1 | 1.11 | (14.0 - 18.3) | | 58,638 | (50,101 - 67,175) |
| ID | < \$15,000 | 535 | 16.9 | 2.51 | (11.9 - 21.8) | | 17,698 | (12,124 - 23,273) |
| ID | \$15-\$24,999 | 854 | 16.3 | 2.16 | (12.0 - 20.5) | | 29,703 | (21,081 - 38,324) |
| ID | \$25-\$49,999 | 1,534 | 12.9 | 1.25 | (10.5 - 15.4) | | 41,704 | (33,314 - 50,095) |
| ID | \$50-\$74,999 | 894 | 10.6 | 1.23 | (8.1 - 13.0) | | 19,480 | (14,897 - 24,062) |
| ID | >=\$75,000 | 1,221 | 12.1 | 1.29 | (9.6 - 14.7) | | 33,197 | (25,946 - 40,449) |
| IL | < \$15,000 | 464 | 15.4 | 2.03 | (11.4 - 19.4) | | 149,801 | (108,993 - 190,610) |
| IL | \$15-\$24,999 | 761 | 12.0 | 1.41 | (9.2 - 14.8) | | 169,148 | (128,524 - 209,771) |
| IL | \$25-\$49,999 | 1,150 | 15.4 | 1.44 | (12.6 - 18.2) | | 329,194 | (264,069 - 394,319) |
| IL | \$50-\$74,999 | 727 | 12.7 | 1.54 | (9.6 - 15.7) | | 167,306 | (124,868 - 209,745) |
| IL | >=\$75,000 | 1,790 | 12.4 | 0.93 | (10.6 - 14.3) | | 410,728 | (347,594 - 473,863) |
| IN | < \$15,000 | 521 | 21.5 | 2.56 | (16.5 - 26.5) | | 105,196 | (78,336 - 132,056) |
| IN | \$15-\$24,999 | 900 | 17.8 | 2.09 | (13.7 - 21.9) | | 133,536 | (99,151 - 167,921) |
| IN | \$25-\$49,999 | 1,413 | 15.3 | 1.51 | (12.3 - 18.3) | | 180,582 | (142,520 - 218,643) |
| IN | \$50-\$74,999 | 845 | 11.2 | 1.74 | (7.8 - 14.6) | | 82,089 | (55,379 - 108,799) |
| IN | >=\$75,000 | 1,422 | 13.0 | 1.32 | (10.4 - 15.6) | | 149,707 | (118,027 - 181,387) |
| IA | < \$15,000 | 406 | 19.0 | 2.69 | (13.7 - 24.3) | | 28,033 | (19,589 - 36,476) |
| IA | \$15-\$24,999 | 760 | 15.0 | 1.82 | (11.4 - 18.6) | | 41,693 | (31,015 - 52,371) |
| IA | \$25-\$49,999 | 1,419 | 11.0 | 1.20 | (8.7 - 13.4) | | 59,833 | (46,347 - 73,320) |
| IA | \$50-\$74,999 | 916 | 12.1 | 1.47 | (9.3 - 15.0) | | 46,842 | (34,991 - 58,693) |

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|-------|---------------|-------------|----------------------|----------------|-------------------|------------|---------------------|---------------------|
| IA | >=\$75,000 | 1,591 | 10.0 | 0.97 | (8.1 - 11.9) | | 61,998 | (49,654 - 74,343) |
| KS | < \$15,000 | 1,457 | 21.3 | 1.41 | (18.5 - 24.0) | | 30,661 | (26,204 - 35,119) |
| KS | \$15-\$24,999 | 2,999 | 15.4 | 0.83 | (13.7 - 17.0) | | 46,635 | (41,313 - 51,958) |
| KS | \$25-\$49,999 | 5,119 | 13.0 | 0.59 | (11.8 - 14.2) | | 61,272 | (55,486 - 67,058) |
| KS | \$50-\$74,999 | 3,455 | 13.3 | 0.73 | (11.9 - 14.7) | | 43,020 | (38,092 - 47,948) |
| KS | >=\$75,000 | 5,899 | 10.2 | 0.47 | (9.2 - 11.1) | | 54,860 | (49,658 - 60,062) |
| KY | < \$15,000 | 971 | 31.7 | 2.97 | (25.9 - 37.5) | | 117,590 | (89,979 - 145,201) |
| KY | \$15-\$24,999 | 717 | 21.9 | 2.61 | (16.8 - 27.1) | | 57,868 | (42,604 - 73,133) |
| KY | \$25-\$49,999 | 1,406 | 16.2 | 1.68 | (12.9 - 19.5) | | 89,755 | (69,797 - 109,713) |
| KY | \$50-\$74,999 | 981 | 10.9 | 1.53 | (7.9 - 13.9) | | 42,406 | (30,268 - 54,543) |
| KY | >=\$75,000 | 1,493 | 12.6 | 1.54 | (9.6 - 15.6) | | 78,792 | (58,426 - 99,158) |
| LA | < \$15,000 | 549 | 19.5 | 2.13 | (15.3 - 23.7) | | 78,287 | (60,399 - 96,175) |
| LA | \$15-\$24,999 | 782 | 14.9 | 1.82 | (11.3 - 18.5) | | 82,993 | (61,229 - 104,757) |
| LA | \$25-\$49,999 | 918 | 14.2 | 1.67 | (10.9 - 17.5) | | 92,908 | (69,604 - 116,212) |
| LA | \$50-\$74,999 | 513 | 12.7 | 2.43 | (7.9 - 17.5) | | 52,775 | (31,058 - 74,492) |
| LA | >=\$75,000 | 978 | 13.6 | 1.55 | (10.6 - 16.6) | | 108,110 | (81,941 - 134,279) |
| ME | < \$15,000 | 837 | 23.9 | 2.37 | (19.2 - 28.5) | | 23,379 | (18,255 - 28,502) |
| ME | \$15-\$24,999 | 1,390 | 18.3 | 1.64 | (15.1 - 21.5) | | 29,733 | (23,897 - 35,570) |
| ME | \$25-\$49,999 | 2,148 | 15.1 | 1.15 | (12.8 - 17.3) | | 39,076 | (32,806 - 45,346) |
| ME | \$50-\$74,999 | 1,432 | 12.2 | 1.16 | (9.9 - 14.4) | | 20,849 | (16,738 - 24,960) |
| ME | >=\$75,000 | 2,220 | 13.3 | 1.01 | (11.4 - 15.3) | | 35,398 | (29,857 - 40,939) |
| MD | < \$15,000 | 679 | 17.0 | 3.17 | (10.8 - 23.2) | | 48,237 | (29,259 - 67,215) |
| MD | \$15-\$24,999 | 1,186 | 17.6 | 2.54 | (12.6 - 22.6) | | 78,876 | (54,400 - 103,352) |
| MD | \$25-\$49,999 | 2,116 | 13.4 | 1.60 | (10.3 - 16.5) | | 109,329 | (82,403 - 136,256) |
| MD | \$50-\$74,999 | 1,492 | 12.6 | 1.76 | (9.1 - 16.0) | | 69,807 | (49,464 - 90,151) |
| MD | >=\$75,000 | 4,403 | 11.9 | 0.92 | (10.1 - 13.8) | | 192,719 | (161,991 - 223,446) |
| MA | < \$15,000 | 675 | 21.6 | 2.06 | (17.6 - 25.7) | | 69,683 | (55,590 - 83,776) |
| MA | \$15-\$24,999 | 1,079 | 16.2 | 1.48 | (13.3 - 19.1) | | 95,461 | (77,320 - 113,602) |

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|-------|---------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| MA | \$25-\$49,999 | 1,515 | 14.8 | 1.30 | (12.3 - 17.4) | | 124,799 | (101,987 - 147,610) |
| MA | \$50-\$74,999 | 1,001 | 14.2 | 1.44 | (11.3 - 17.0) | | 76,456 | (60,222 - 92,691) |
| MA | >=\$75,000 | 2,923 | 14.9 | 0.86 | (13.3 - 16.6) | | 271,114 | (238,498 - 303,729) |
| MI | < \$15,000 | 718 | 23.6 | 1.93 | (19.8 - 27.4) | | 159,292 | (130,916 - 187,667) |
| MI | \$15-\$24,999 | 1,106 | 18.2 | 1.64 | (15.0 - 21.4) | | 181,672 | (145,724 - 217,619) |
| MI | \$25-\$49,999 | 1,910 | 13.5 | 1.00 | (11.5 - 15.4) | | 216,604 | (182,912 - 250,297) |
| MI | \$50-\$74,999 | 1,242 | 14.3 | 1.31 | (11.8 - 16.9) | | 152,084 | (122,504 - 181,664) |
| MI | >=\$75,000 | 2,399 | 14.4 | 0.89 | (12.7 - 16.2) | | 281,838 | (245,516 - 318,159) |
| MN | < \$15,000 | 885 | 16.3 | 1.63 | (13.1 - 19.5) | | 35,662 | (28,119 - 43,206) |
| MN | \$15-\$24,999 | 1,841 | 15.8 | 1.16 | (13.6 - 18.1) | | 76,439 | (64,520 - 88,358) |
| MN | \$25-\$49,999 | 3,565 | 10.6 | 0.65 | (9.4 - 11.9) | | 92,504 | (80,858 - 104,149) |
| MN | \$50-\$74,999 | 2,565 | 9.4 | 0.70 | (8.0 - 10.8) | | 59,277 | (50,196 - 68,359) |
| MN | >=\$75,000 | 5,267 | 9.5 | 0.50 | (8.5 - 10.4) | | 129,238 | (115,453 - 143,024) |
| MS | < \$15,000 | 938 | 18.5 | 1.98 | (14.6 - 22.4) | | 61,345 | (47,142 - 75,549) |
| MS | \$15-\$24,999 | 1,191 | 12.9 | 1.55 | (9.9 - 15.9) | | 61,561 | (46,025 - 77,098) |
| MS | \$25-\$49,999 | 1,255 | 13.2 | 1.74 | (9.8 - 16.6) | | 63,639 | (45,553 - 81,725) |
| MS | \$50-\$74,999 | 602 | 11.0 | 1.92 | (7.2 - 14.8) | | 25,056 | (15,903 - 34,209) |
| MS | >=\$75,000 | 934 | 7.3 | 1.21 | (5.0 - 9.7) | | 27,412 | (18,252 - 36,573) |
| MO | < \$15,000 | 751 | 23.6 | 2.32 | (19.1 - 28.2) | | 98,468 | (76,950 - 119,986) |
| MO | \$15-\$24,999 | 979 | 18.0 | 1.87 | (14.4 - 21.7) | | 113,086 | (88,082 - 138,091) |
| MO | \$25-\$49,999 | 1,608 | 11.9 | 1.21 | (9.6 - 14.3) | | 123,837 | (97,657 - 150,017) |
| MO | \$50-\$74,999 | 924 | 12.2 | 1.58 | (9.1 - 15.3) | | 78,049 | (56,922 - 99,176) |
| MO | >=\$75,000 | 1,553 | 12.9 | 1.18 | (10.6 - 15.2) | | 146,853 | (118,763 - 174,942) |
| MT | < \$15,000 | 492 | 24.1 | 3.12 | (18.0 - 30.2) | | 14,624 | (10,304 - 18,943) |
| MT | \$15-\$24,999 | 860 | 13.1 | 1.71 | (9.8 - 16.5) | | 15,256 | (11,109 - 19,404) |
| MT | \$25-\$49,999 | 1,490 | 12.6 | 1.34 | (10.0 - 15.2) | | 25,092 | (19,494 - 30,690) |
| MT | \$50-\$74,999 | 817 | 10.8 | 1.71 | (7.4 - 14.2) | | 12,223 | (8,181 - 16,266) |
| MT | >=\$75,000 | 1,257 | 9.2 | 1.10 | (7.1 - 11.4) | | 16,261 | (12,346 - 20,175) |

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|-------|---------------|-------------|----------------------|----------------|-------------------|------------|---------------------|---------------------|
| NE | < \$15,000 | 1,238 | 17.1 | 1.54 | (14.1 - 20.1) | | 17,296 | (14,138 - 20,454) |
| NE | \$15-\$24,999 | 2,448 | 13.8 | 1.11 | (11.6 - 16.0) | | 26,790 | (22,356 - 31,223) |
| NE | \$25-\$49,999 | 4,389 | 13.6 | 0.95 | (11.8 - 15.5) | | 45,868 | (39,093 - 52,644) |
| NE | \$50-\$74,999 | 2,673 | 9.2 | 0.95 | (7.4 - 11.1) | | 19,120 | (15,051 - 23,188) |
| NE | >=\$75,000 | 4,229 | 10.4 | 0.80 | (8.8 - 11.9) | | 40,043 | (33,650 - 46,437) |
| NV | < \$15,000 | 194 | 15.4 | 4.13 | (7.3 - 23.6) | | 26,142 | (11,535 - 40,749) |
| NV | \$15-\$24,999 | 410 | 11.8 | 2.17 | (7.5 - 16.1) | | 40,030 | (25,122 - 54,938) |
| NV | \$25-\$49,999 | 582 | 14.4 | 2.13 | (10.2 - 18.6) | | 64,217 | (44,754 - 83,681) |
| NV | \$50-\$74,999 | 423 | 14.3 | 2.63 | (9.2 - 19.5) | | 42,991 | (26,459 - 59,523) |
| NV | >=\$75,000 | 744 | 11.7 | 1.69 | (8.4 - 15.0) | | 58,392 | (41,253 - 75,530) |
| NH | < \$15,000 | 412 | 23.9 | 3.28 | (17.4 - 30.3) | | 12,420 | (8,594 - 16,247) |
| NH | \$15-\$24,999 | 758 | 19.0 | 2.24 | (14.6 - 23.4) | | 19,888 | (14,745 - 25,031) |
| NH | \$25-\$49,999 | 1,334 | 14.8 | 1.49 | (11.9 - 17.7) | | 25,930 | (20,380 - 31,480) |
| NH | \$50-\$74,999 | 948 | 15.6 | 1.86 | (11.9 - 19.2) | | 24,715 | (18,329 - 31,100) |
| NH | >=\$75,000 | 2,102 | 13.0 | 1.07 | (10.9 - 15.1) | | 46,334 | (38,337 - 54,331) |
| NJ | < \$15,000 | 635 | 18.1 | 2.57 | (13.1 - 23.2) | | 73,634 | (51,521 - 95,747) |
| NJ | \$15-\$24,999 | 1,407 | 14.6 | 1.64 | (11.3 - 17.8) | | 123,866 | (93,973 - 153,760) |
| NJ | \$25-\$49,999 | 1,920 | 12.5 | 1.17 | (10.2 - 14.8) | | 139,661 | (112,811 - 166,511) |
| NJ | \$50-\$74,999 | 1,343 | 12.6 | 1.54 | (9.6 - 15.6) | | 96,802 | (71,766 - 121,837) |
| NJ | >=\$75,000 | 3,893 | 9.9 | 0.73 | (8.4 - 11.3) | | 236,260 | (200,573 - 271,947) |
| NM | < \$15,000 | 823 | 15.5 | 1.87 | (11.9 - 19.2) | | 30,164 | (22,490 - 37,838) |
| NM | \$15-\$24,999 | 1,230 | 17.3 | 1.72 | (13.9 - 20.6) | | 53,428 | (41,946 - 64,910) |
| NM | \$25-\$49,999 | 1,476 | 13.6 | 1.44 | (10.7 - 16.4) | | 45,277 | (35,246 - 55,308) |
| NM | \$50-\$74,999 | 838 | 14.9 | 1.87 | (11.2 - 18.5) | | 28,209 | (20,711 - 35,708) |
| NM | >=\$75,000 | 1,330 | 13.7 | 1.38 | (11.0 - 16.4) | | 42,382 | (33,559 - 51,205) |
| NY | < \$15,000 | 1,123 | 19.4 | 1.49 | (16.5 - 22.3) | | 296,849 | (248,529 - 345,168) |
| NY | \$15-\$24,999 | 1,712 | 15.6 | 1.26 | (13.1 - 18.1) | | 352,103 | (291,893 - 412,313) |
| NY | \$25-\$49,999 | 2,227 | 14.2 | 1.07 | (12.1 - 16.3) | | 373,451 | (313,516 - 433,386) |

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 L7
Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)
and Prevalence (Number) by Income and State or Territory: BRFSS 2015

| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|-------|---------------|-------------|----------------------|----------------|-------------------|------------|---------------------|---------------------|
| NY | \$50-\$74,999 | 1,553 | 16.1 | 1.31 | (13.5 - 18.6) | | 298,622 | (246,803 - 350,440) |
| NY | >=\$75,000 | 3,705 | 12.7 | 0.71 | (11.3 - 14.1) | | 571,524 | (505,431 - 637,616) |
| NC | < \$15,000 | 614 | 21.5 | 2.16 | (17.3 - 25.8) | | 150,255 | (116,636 - 183,875) |
| NC | \$15-\$24,999 | 1,100 | 15.7 | 1.52 | (12.7 - 18.7) | | 202,702 | (160,229 - 245,175) |
| NC | \$25-\$49,999 | 1,332 | 12.7 | 1.20 | (10.4 - 15.1) | | 196,894 | (157,767 - 236,020) |
| NC | \$50-\$74,999 | 816 | 10.2 | 1.25 | (7.8 - 12.7) | | 97,706 | (73,277 - 122,135) |
| NC | >=\$75,000 | 1,425 | 11.4 | 1.03 | (9.3 - 13.4) | | 185,998 | (150,874 - 221,123) |
| ND | < \$15,000 | 262 | 23.4 | 3.85 | (15.8 - 31.0) | | 7,865 | (4,905 - 10,825) |
| ND | \$15-\$24,999 | 544 | 14.9 | 2.12 | (10.8 - 19.1) | | 9,737 | (6,838 - 12,635) |
| ND | \$25-\$49,999 | 1,103 | 12.6 | 1.41 | (9.8 - 15.3) | | 15,604 | (11,974 - 19,234) |
| ND | \$50-\$74,999 | 769 | 10.9 | 1.53 | (7.9 - 13.9) | | 9,866 | (6,989 - 12,744) |
| ND | >=\$75,000 | 1,561 | 10.7 | 1.04 | (8.7 - 12.7) | | 20,256 | (16,218 - 24,294) |
| OH | < \$15,000 | 1,008 | 26.6 | 2.95 | (20.8 - 32.4) | | 193,999 | (142,607 - 245,390) |
| OH | \$15-\$24,999 | 1,853 | 19.1 | 1.74 | (15.7 - 22.5) | | 255,750 | (204,701 - 306,799) |
| OH | \$25-\$49,999 | 2,612 | 11.8 | 1.01 | (9.8 - 13.8) | | 231,002 | (190,260 - 271,744) |
| OH | \$50-\$74,999 | 1,476 | 10.3 | 1.03 | (8.2 - 12.3) | | 122,286 | (97,634 - 146,939) |
| OH | >=\$75,000 | 2,553 | 10.9 | 1.03 | (8.9 - 13.0) | | 241,484 | (194,149 - 288,818) |
| OK | < \$15,000 | 651 | 24.0 | 2.62 | (18.9 - 29.1) | | 68,475 | (51,648 - 85,303) |
| OK | \$15-\$24,999 | 1,127 | 16.7 | 1.62 | (13.5 - 19.9) | | 77,371 | (61,606 - 93,136) |
| OK | \$25-\$49,999 | 1,615 | 12.8 | 1.28 | (10.3 - 15.3) | | 83,671 | (66,131 - 101,212) |
| OK | \$50-\$74,999 | 861 | 11.8 | 1.57 | (8.7 - 14.9) | | 42,188 | (30,509 - 53,866) |
| OK | >=\$75,000 | 1,406 | 10.7 | 1.20 | (8.3 - 13.0) | | 68,975 | (52,937 - 85,014) |
| OR | < \$15,000 | 408 | 28.5 | 3.01 | (22.6 - 34.5) | | 79,531 | (60,304 - 98,757) |
| OR | \$15-\$24,999 | 716 | 22.1 | 2.08 | (18.0 - 26.2) | | 94,957 | (75,103 - 114,812) |
| OR | \$25-\$49,999 | 1,149 | 15.2 | 1.29 | (12.7 - 17.8) | | 100,705 | (82,991 - 118,420) |
| OR | \$50-\$74,999 | 694 | 16.9 | 1.83 | (13.3 - 20.5) | | 65,199 | (50,005 - 80,392) |
| OR | >=\$75,000 | 1,378 | 15.3 | 1.20 | (12.9 - 17.6) | | 121,110 | (101,251 - 140,969) |
| PA | < \$15,000 | 424 | 23.2 | 2.71 | (17.9 - 28.6) | | 153,436 | (113,176 - 193,697) |

Notes:

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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 L7
Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)
and Prevalence (Number) by Income and State or Territory: BRFSS 2015

| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|-------|---------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| PA | \$15-\$24,999 | 731 | 16.8 | 2.15 | (12.6 - 21.0) | | 210,269 | (151,653 - 268,885) |
| PA | \$25-\$49,999 | 1,253 | 13.5 | 1.40 | (10.8 - 16.3) | | 290,390 | (226,796 - 353,984) |
| PA | \$50-\$74,999 | 816 | 15.5 | 1.74 | (12.1 - 18.9) | | 215,865 | (163,729 - 268,001) |
| PA | >=\$75,000 | 1,516 | 11.9 | 1.10 | (9.7 - 14.0) | | 335,375 | (271,254 - 399,495) |
| RI | < \$15,000 | 519 | 20.3 | 2.78 | (14.9 - 25.8) | | 13,930 | (9,771 - 18,089) |
| RI | \$15-\$24,999 | 716 | 18.2 | 2.31 | (13.7 - 22.7) | | 17,753 | (12,841 - 22,665) |
| RI | \$25-\$49,999 | 1,122 | 15.7 | 1.68 | (12.4 - 19.0) | | 23,429 | (18,057 - 28,800) |
| RI | \$50-\$74,999 | 749 | 13.8 | 1.81 | (10.3 - 17.4) | | 14,665 | (10,724 - 18,606) |
| RI | >=\$75,000 | 1,735 | 16.3 | 1.34 | (13.6 - 18.9) | | 39,187 | (32,254 - 46,121) |
| SC | < \$15,000 | 1,181 | 21.7 | 1.77 | (18.2 - 25.2) | | 84,218 | (68,878 - 99,557) |
| SC | \$15-\$24,999 | 1,801 | 13.6 | 1.08 | (11.5 - 15.8) | | 84,152 | (70,329 - 97,975) |
| SC | \$25-\$49,999 | 2,559 | 11.3 | 0.90 | (9.5 - 13.1) | | 98,163 | (82,002 - 114,323) |
| SC | \$50-\$74,999 | 1,422 | 10.8 | 1.16 | (8.5 - 13.1) | | 50,992 | (39,645 - 62,338) |
| SC | >=\$75,000 | 2,463 | 9.8 | 0.80 | (8.2 - 11.3) | | 77,804 | (64,866 - 90,742) |
| SD | < \$15,000 | 494 | 18.5 | 2.98 | (12.6 - 24.4) | | 7,587 | (5,037 - 10,138) |
| SD | \$15-\$24,999 | 857 | 14.2 | 2.19 | (9.9 - 18.5) | | 10,861 | (7,327 - 14,395) |
| SD | \$25-\$49,999 | 1,676 | 10.1 | 1.27 | (7.6 - 12.6) | | 15,288 | (11,345 - 19,231) |
| SD | \$50-\$74,999 | 1,114 | 12.8 | 1.88 | (9.1 - 16.5) | | 13,063 | (8,994 - 17,132) |
| SD | >=\$75,000 | 1,714 | 10.1 | 1.34 | (7.5 - 12.8) | | 15,747 | (11,395 - 20,100) |
| TN | < \$15,000 | 657 | 21.5 | 2.58 | (16.4 - 26.6) | | 119,086 | (88,954 - 149,217) |
| TN | \$15-\$24,999 | 976 | 17.6 | 1.91 | (13.8 - 21.3) | | 148,699 | (114,154 - 183,244) |
| TN | \$25-\$49,999 | 1,277 | 13.0 | 1.52 | (10.0 - 16.0) | | 149,935 | (113,048 - 186,823) |
| TN | \$50-\$74,999 | 702 | 14.0 | 1.88 | (10.3 - 17.7) | | 91,531 | (65,791 - 117,271) |
| TN | >=\$75,000 | 1,112 | 10.3 | 1.46 | (7.5 - 13.2) | | 101,058 | (71,357 - 130,758) |
| TX | < \$15,000 | 1,586 | 16.6 | 1.73 | (13.2 - 20.0) | | 331,952 | (258,370 - 405,535) |
| TX | \$15-\$24,999 | 2,222 | 14.4 | 1.47 | (11.5 - 17.3) | | 474,187 | (371,209 - 577,165) |
| TX | \$25-\$49,999 | 2,972 | 10.1 | 0.99 | (8.2 - 12.1) | | 415,775 | (332,978 - 498,573) |
| TX | \$50-\$74,999 | 1,725 | 11.9 | 1.38 | (9.2 - 14.6) | | 290,139 | (221,322 - 358,956) |

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Table L7
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and Prevalence (Number) by Income and State or Territory: BRFSS 2015

| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|-------|---------------|-------------|----------------------|----------------|-------------------|--|---------------------|---------------------|
| TX | >=\$75,000 | 3,562 | 9.7 | 0.82 | (8.1 - 11.3) | | 482,213 | (399,480 - 564,945) |
| UT | < \$15,000 | 574 | 15.6 | 1.85 | (11.9 - 19.2) | | 16,720 | (12,525 - 20,914) |
| UT | \$15-\$24,999 | 1,209 | 16.7 | 1.35 | (14.0 - 19.3) | | 37,512 | (31,068 - 43,956) |
| UT | \$25-\$49,999 | 2,283 | 14.8 | 0.98 | (12.9 - 16.7) | | 62,980 | (54,170 - 71,790) |
| UT | \$50-\$74,999 | 1,832 | 13.5 | 1.01 | (11.5 - 15.4) | | 45,151 | (38,022 - 52,280) |
| UT | >=\$75,000 | 3,616 | 12.6 | 0.69 | (11.2 - 13.9) | | 79,966 | (70,864 - 89,068) |
| VT | < \$15,000 | 432 | 20.9 | 2.43 | (16.1 - 25.6) | | 7,262 | (5,484 - 9,041) |
| VT | \$15-\$24,999 | 760 | 19.7 | 2.08 | (15.6 - 23.8) | | 11,313 | (8,646 - 13,981) |
| VT | \$25-\$49,999 | 1,433 | 15.6 | 1.29 | (13.0 - 18.1) | | 16,708 | (13,756 - 19,660) |
| VT | \$50-\$74,999 | 1,014 | 15.0 | 1.55 | (11.9 - 18.0) | | 11,938 | (9,287 - 14,588) |
| VT | >=\$75,000 | 1,699 | 15.2 | 1.20 | (12.8 - 17.5) | | 19,987 | (16,635 - 23,339) |
| VA | < \$15,000 | 542 | 19.7 | 2.29 | (15.2 - 24.2) | | 88,120 | (66,133 - 110,106) |
| VA | \$15-\$24,999 | 1,060 | 15.7 | 1.48 | (12.8 - 18.6) | | 129,708 | (104,294 - 155,121) |
| VA | \$25-\$49,999 | 1,692 | 12.1 | 1.12 | (9.9 - 14.3) | | 145,001 | (117,217 - 172,785) |
| VA | \$50-\$74,999 | 1,161 | 10.0 | 1.13 | (7.8 - 12.2) | | 83,077 | (64,070 - 102,085) |
| VA | >=\$75,000 | 2,770 | 9.9 | 0.76 | (8.4 - 11.4) | | 214,117 | (180,382 - 247,851) |
| WA | < \$15,000 | 1,072 | 19.4 | 1.66 | (16.1 - 22.6) | | 74,392 | (60,791 - 87,994) |
| WA | \$15-\$24,999 | 1,680 | 16.9 | 1.26 | (14.4 - 19.3) | | 103,724 | (87,455 - 119,994) |
| WA | \$25-\$49,999 | 3,266 | 15.2 | 0.92 | (13.4 - 17.0) | | 166,500 | (145,382 - 187,617) |
| WA | \$50-\$74,999 | 2,350 | 15.2 | 1.05 | (13.1 - 17.2) | | 114,851 | (97,940 - 131,763) |
| WA | >=\$75,000 | 4,963 | 12.6 | 0.64 | (11.3 - 13.8) | | 221,333 | (198,063 - 244,602) |
| WV | < \$15,000 | 647 | 24.3 | 1.99 | (20.4 - 28.2) | | 39,134 | (31,968 - 46,300) |
| WV | \$15-\$24,999 | 885 | 20.1 | 1.60 | (17.0 - 23.3) | | 44,201 | (36,508 - 51,894) |
| WV | \$25-\$49,999 | 1,310 | 12.6 | 1.07 | (10.5 - 14.7) | | 41,451 | (34,143 - 48,759) |
| WV | \$50-\$74,999 | 714 | 10.9 | 1.44 | (8.0 - 13.7) | | 18,354 | (13,281 - 23,426) |
| WV | >=\$75,000 | 1,088 | 9.9 | 1.03 | (7.9 - 11.9) | | 24,892 | (19,590 - 30,195) |
| WI | < \$15,000 | 477 | 21.0 | 2.84 | (15.4 - 26.6) | | 69,528 | (48,908 - 90,147) |
| WI | \$15-\$24,999 | 849 | 13.7 | 1.83 | (10.1 - 17.3) | | 77,830 | (55,977 - 99,684) |

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and Prevalence (Number) by Income and State or Territory: BRFSS 2015

| State | Income | Sample Size | Prevalence (percent) | Standard Error | 95% CI* (percent) | | Prevalence (number) | 95% CI* (number) |
|-------------|---------------|-------------|----------------------|----------------|-------------------|------------|---------------------|---------------------|
| WI | \$25-\$49,999 | 1,508 | 12.7 | 1.20 | (10.4 - 15.0) | | 140,960 | (113,587 - 168,333) |
| WI | \$50-\$74,999 | 1,010 | 11.4 | 1.55 | (8.4 - 14.5) | | 86,589 | (62,031 - 111,147) |
| WI | >=\$75,000 | 1,608 | 11.4 | 1.12 | (9.2 - 13.6) | | 139,903 | (111,449 - 168,358) |
| WY | < \$15,000 | 310 | 18.4 | 4.47 | (9.6 - 27.2) | | 4,693 | (2,160 - 7,226) |
| WY | \$15-\$24,999 | 717 | 16.7 | 2.41 | (12.0 - 21.4) | | 9,806 | (6,806 - 12,806) |
| WY | \$25-\$49,999 | 1,212 | 17.4 | 1.94 | (13.6 - 21.2) | | 17,577 | (13,294 - 21,860) |
| WY | \$50-\$74,999 | 792 | 10.1 | 1.61 | (6.9 - 13.2) | | 7,060 | (4,747 - 9,374) |
| WY | >=\$75,000 | 1,392 | 9.0 | 1.03 | (7.0 - 11.0) | | 11,419 | (8,778 - 14,060) |
| Territories | | | | | | | | |
| GU | < \$15,000 | 213 | 17.9 | 4.01 | (10.0 - 25.8) | | 3,069 | (1,572 - 4,566) |
| GU | \$15-\$24,999 | 295 | 6.4 | 1.51 | (3.5 - 9.4) | | 1,261 | (681 - 1,840) |
| GU | \$25-\$49,999 | 470 | 13.8 | 2.52 | (8.8 - 18.7) | | 4,152 | (2,531 - 5,773) |
| GU | \$50-\$74,999 | 208 | 12.6 | 3.91 | (4.9 - 20.3) | | 1,460 | (485 - 2,435) |
| GU | >=\$75,000 | 315 | 10.2 | 2.06 | (6.1 - 14.3) | | 1,729 | (1,025 - 2,433) |
| PR | < \$15,000 | 2,080 | 18.3 | 1.03 | (16.3 - 20.3) | | 204,858 | (180,453 - 229,263) |
| PR | \$15-\$24,999 | 1,246 | 16.0 | 1.22 | (13.6 - 18.4) | | 101,144 | (85,099 - 117,189) |
| PR | \$25-\$49,999 | 745 | 14.2 | 1.57 | (11.1 - 17.3) | | 49,737 | (38,158 - 61,317) |
| PR | \$50-\$74,999 | 187 | 11.8 | 2.51 | (6.8 - 16.7) | | 9,457 | (5,293 - 13,621) |
| PR | >=\$75,000 | 166 | 15.2 | 3.44 | (8.4 - 21.9) | | 10,576 | (5,409 - 15,744) |

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