

**Table 5: COPD - Adult Prevalence by Sex and State, 2011** <sup>(1)</sup>

| State                | Total      |                                 | Male      |                                 | Female    |                                 |
|----------------------|------------|---------------------------------|-----------|---------------------------------|-----------|---------------------------------|
|                      | Count      | Adjusted Percent <sup>(2)</sup> | Count     | Adjusted Percent <sup>(2)</sup> | Count     | Adjusted Percent <sup>(2)</sup> |
| Alabama              | 350,734    | 9.4                             | 143,667   | 7.9                             | 207,067   | 10.8                            |
| Alaska               | 27,461     | 6.0                             | 16,669    | 6.9                             | 10,792    | 5.0                             |
| Arizona              | 255,742    | 5.3                             | 105,635   | 4.4                             | 150,107   | 6.2                             |
| Arkansas             | 175,705    | 7.5                             | 74,644    | 6.5                             | 101,061   | 8.5                             |
| California           | 1,149,520  | 4.5                             | 475,017   | 3.8                             | 674,503   | 5.2                             |
| Colorado             | 174,745    | 4.7                             | 73,435    | 3.9                             | 101,310   | 5.5                             |
| Connecticut          | 166,186    | 5.8                             | 66,561    | 4.7                             | 99,625    | 6.9                             |
| Delaware             | 36,251     | 4.9                             | 13,791    | 4.1                             | 22,460    | 5.8                             |
| District of Columbia | 22,310     | 4.8                             | 7,615     | 3.5                             | 14,695    | 5.9                             |
| Florida              | 1,165,234  | 7.4                             | 482,987   | 6.2                             | 682,247   | 8.5                             |
| Georgia              | 501,244    | 7.1                             | 197,392   | 5.7                             | 303,852   | 8.4                             |
| Hawaii               | 46,130     | 4.2                             | 21,129    | 3.9                             | 25,001    | 4.5                             |
| Idaho                | 59,558     | 5.2                             | 26,456    | 4.5                             | 33,102    | 5.8                             |
| Illinois             | 584,726    | 6.0                             | 234,173   | 4.9                             | 350,553   | 7.1                             |
| Indiana              | 401,992    | 8.1                             | 150,006   | 6.1                             | 251,986   | 10.1                            |
| Iowa                 | 117,540    | 4.8                             | 51,612    | 4.2                             | 65,928    | 5.4                             |
| Kansas               | 140,830    | 6.4                             | 61,314    | 5.7                             | 79,516    | 7.2                             |
| Kentucky             | 325,893    | 9.7                             | 138,501   | 8.4                             | 187,392   | 10.9                            |
| Louisiana            | 232,381    | 6.7                             | 98,023    | 5.9                             | 134,358   | 7.5                             |
| Maine                | 82,242     | 7.1                             | 34,117    | 5.8                             | 48,125    | 8.2                             |
| Maryland             | 261,345    | 5.9                             | 101,837   | 4.8                             | 159,508   | 7.0                             |
| Massachusetts        | 293,661    | 5.6                             | 116,931   | 4.6                             | 176,730   | 6.5                             |
| Michigan             | 601,164    | 7.6                             | 248,039   | 6.4                             | 353,125   | 8.8                             |
| Minnesota            | 164,653    | 4.0                             | 76,591    | 3.8                             | 88,062    | 4.3                             |
| Mississippi          | 181,617    | 8.2                             | 79,749    | 7.6                             | 101,868   | 8.8                             |
| Missouri             | 370,248    | 7.8                             | 150,058   | 6.4                             | 220,190   | 9.2                             |
| Montana              | 45,869     | 5.6                             | 20,146    | 4.9                             | 25,723    | 6.3                             |
| Nebraska             | 67,327     | 4.8                             | 29,187    | 4.1                             | 38,140    | 5.5                             |
| Nevada               | 146,258    | 7.1                             | 59,955    | 5.6                             | 86,303    | 8.8                             |
| New Hampshire        | 65,534     | 6.1                             | 27,388    | 5.2                             | 38,146    | 7.0                             |
| New Jersey           | 344,662    | 5.0                             | 137,182   | 4.1                             | 207,480   | 5.8                             |
| New Mexico           | 94,780     | 6.0                             | 37,563    | 4.7                             | 57,217    | 7.3                             |
| New York             | 884,188    | 5.7                             | 371,447   | 5.0                             | 512,741   | 6.4                             |
| North Carolina       | 497,638    | 6.7                             | 199,722   | 5.5                             | 297,916   | 7.8                             |
| North Dakota         | 24,087     | 4.6                             | 12,282    | 4.6                             | 11,805    | 4.6                             |
| Ohio                 | 675,036    | 7.3                             | 280,955   | 6.3                             | 394,081   | 8.3                             |
| Oklahoma             | 241,004    | 8.2                             | 105,762   | 7.3                             | 135,242   | 9.1                             |
| Oregon               | 175,246    | 5.5                             | 71,818    | 4.5                             | 103,428   | 6.6                             |
| Pennsylvania         | 654,746    | 6.3                             | 262,471   | 5.1                             | 392,275   | 7.5                             |
| Rhode Island         | 51,795     | 6.1                             | 21,797    | 5.3                             | 29,998    | 6.8                             |
| South Carolina       | 267,785    | 7.3                             | 93,117    | 5.1                             | 174,668   | 9.3                             |
| South Dakota         | 33,413     | 5.0                             | 16,287    | 4.9                             | 17,126    | 5.2                             |
| Tennessee            | 446,210    | 8.9                             | 154,769   | 6.2                             | 291,441   | 11.5                            |
| Texas                | 1,000,072  | 5.7                             | 445,284   | 5.0                             | 554,788   | 6.4                             |
| Utah                 | 77,706     | 4.3                             | 35,510    | 3.9                             | 42,196    | 4.8                             |
| Vermont              | 24,858     | 4.6                             | 11,818    | 4.4                             | 13,040    | 4.7                             |
| Virginia             | 379,407    | 6.0                             | 146,349   | 4.7                             | 233,058   | 7.1                             |
| Washington           | 211,679    | 4.1                             | 87,962    | 3.3                             | 123,717   | 4.8                             |
| West Virginia        | 128,952    | 8.3                             | 54,616    | 6.9                             | 74,336    | 9.6                             |
| Wisconsin            | 234,788    | 5.2                             | 106,635   | 4.6                             | 128,153   | 5.8                             |
| Wyoming              | 25,900     | 5.9                             | 12,177    | 5.4                             | 13,723    | 6.4                             |
| United States        | 14,688,052 | 6.2                             | 6,048,148 | 5.2                             | 8,639,904 | 7.2                             |

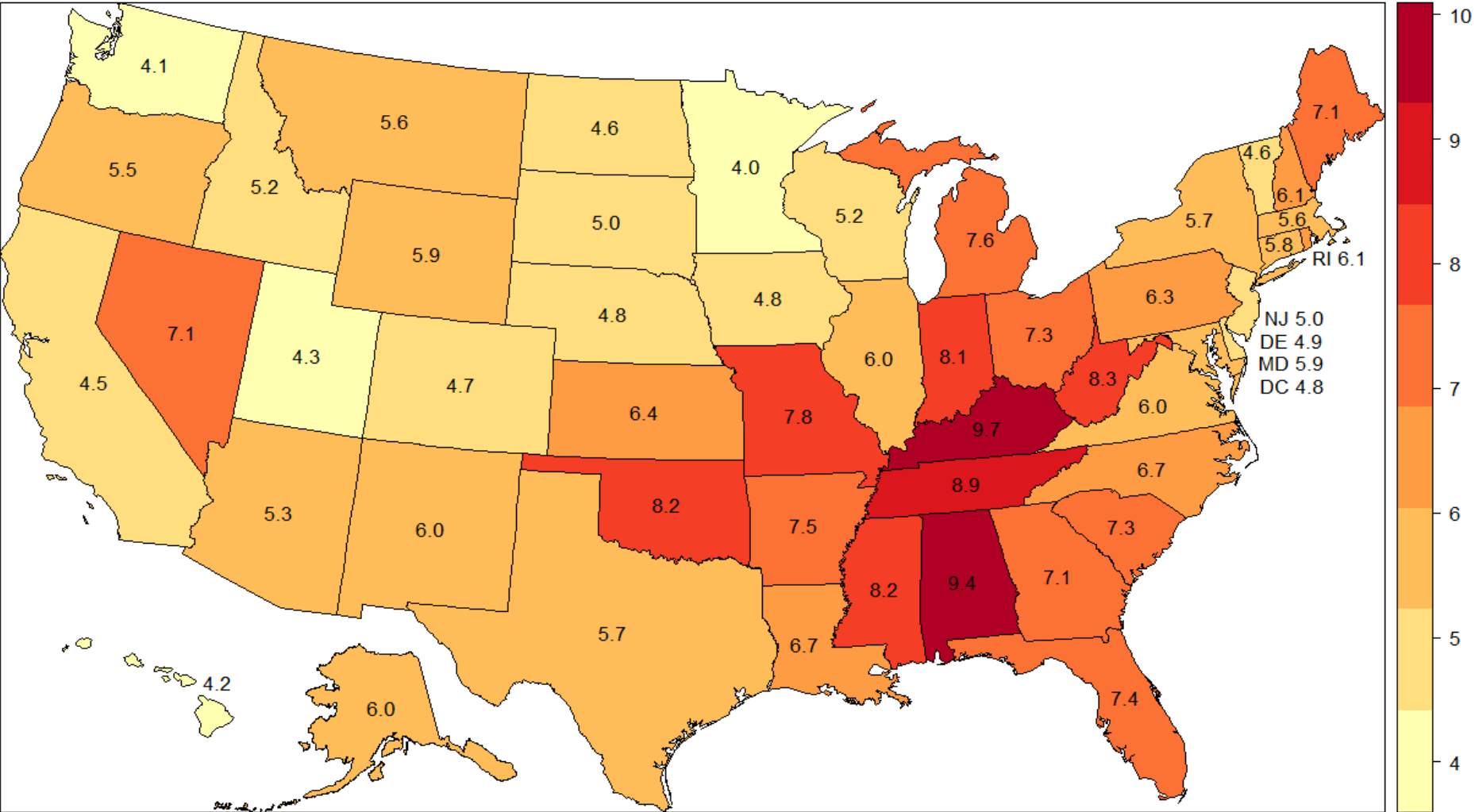
Source: Centers for Disease Control and Prevention. National Center for Health Statistics. Behavioral Risk Factor Surveillance System, 2011. Analysis by the American Lung Association Research and Health Education Division using SPSS software.

Notes:

(1) Survey participants were asked if they had ever been told they have (COPD) chronic obstructive pulmonary disease, emphysema or chronic bronchitis.

(2) Percentages are age-adjusted to allow for more accurate comparisons between states with different age profiles.

**Figure 8: COPD - Age-Adjusted Prevalence (%) in Adults by State, 2011 <sup>(1,2)</sup>**



Source: Centers for Disease Control and Prevention. National Center for Health Statistics. Behavioral Risk Factor Surveillance System, 2011. Analysis by the American Lung Association Research and Health Education Division using SPSS and R software.

Notes:

- (1) COPD prevalence was defined as answering "yes" to "Have you ever been told you have (COPD) chronic obstructive pulmonary disease, emphysema or chronic bronchitis?"
- (2) Percentages are age-adjusted to allow for more accurate comparisons between states with different age profiles.