

**COPD Prevalence Rates\* and Counts by State and Gender, 2013**

State	Male		Female		Total	
	Percent	Count	Percent	Count	Percent	Count
Alabama	9.8	186,603	9.7	195,726	9.7	382,329
Alaska	4.6	12,511	6.9	17,747	5.7	30,258
Arizona	7.4	185,219	6.2	164,472	6.8	349,691
Arkansas	7.7	91,508	8.9	108,541	8.3	200,049
California	3.7	552,863	5.3	798,779	4.5	1,351,642
Colorado	3.7	76,042	5.2	105,892	4.4	181,934
Connecticut	4.1	60,224	6.5	102,939	5.4	163,163
Delaware	4.2	16,152	6.7	26,898	5.5	43,050
District of Columbia	4.5	11,096	7.7	19,793	6.1	30,889
Florida	5.5	480,058	7.4	659,147	6.5	1,139,205
Georgia	4.8	183,251	7.6	301,302	6.3	484,553
Hawaii	4.9	28,704	3.8	22,461	4.4	51,165
Idaho	3.3	21,451	5.1	30,767	4.2	52,218
Illinois	3.5	178,557	5.9	312,704	4.8	491,261
Indiana	6.2	163,356	8.7	230,495	7.5	393,851
Iowa	5.5	70,273	6.1	78,306	5.8	148,579
Kansas	5.1	58,511	6.7	76,437	5.9	134,948
Kentucky	9.0	158,157	11.7	209,025	10.4	367,182
Louisiana	6.6	117,768	7.7	143,565	7.2	261,333
Maine	5.8	34,871	6.5	39,662	6.1	74,533
Maryland	4.4	101,209	5.7	143,143	5.1	244,352
Massachusetts	4.5	128,101	5.8	167,691	5.2	295,792
Michigan	7.0	289,758	8.7	370,902	7.9	660,660
Minnesota	3.7	84,711	4.2	90,357	4.0	175,068
Mississippi	7.1	77,320	9.7	117,250	8.4	194,570
Missouri	5.7	138,669	8.5	212,329	7.1	350,998
Montana	5.3	23,706	6.4	27,202	5.9	50,908
Nebraska	4.2	32,946	5.5	41,227	4.9	74,173
Nevada	4.6	52,695	8.1	88,831	6.3	141,526
New Hampshire	5.5	31,285	7.3	42,732	6.4	74,017
New Jersey	4.7	166,947	6.1	233,217	5.4	400,164
New Mexico	4.9	40,221	6.2	52,423	5.6	92,644
New York	4.3	342,323	6.1	514,153	5.3	856,476
North Carolina	6.3	244,566	7.5	310,991	6.9	555,557
North Dakota	4.2	12,770	4.7	13,794	4.5	26,564
Ohio	6.9	329,219	8.4	407,938	7.7	737,157
Oklahoma	6.3	97,921	8.3	128,690	7.3	226,611
Oregon	5.6	92,689	6.4	106,682	6.0	199,371
Pennsylvania	6.1	332,828	6.7	379,578	6.4	712,406
Rhode Island	6.2	26,554	7.5	34,539	6.9	61,093
South Carolina	5.9	117,045	8.7	175,167	7.4	292,212
South Dakota	4.0	14,409	4.1	13,973	4.0	28,382
Tennessee	7.3	194,252	10.0	278,434	8.7	472,686
Texas	4.5	438,618	6.1	601,668	5.3	1,040,286
Utah	3.6	33,953	4.9	45,636	4.2	79,589
Vermont	4.9	13,428	5.3	14,622	5.1	28,050
Virginia	4.8	154,806	7.9	266,712	6.4	421,518
Washington	4.7	134,166	5.9	166,996	5.3	301,162
West Virginia	8.0	65,060	10.9	89,590	9.5	154,650
Wisconsin	5.1	122,076	4.9	122,516	5.0	244,592
Wyoming	5.9	15,107	7.2	16,404	6.6	31,511
United States	5.2	6,636,533	6.8	8,920,045	6.1	15,556,578

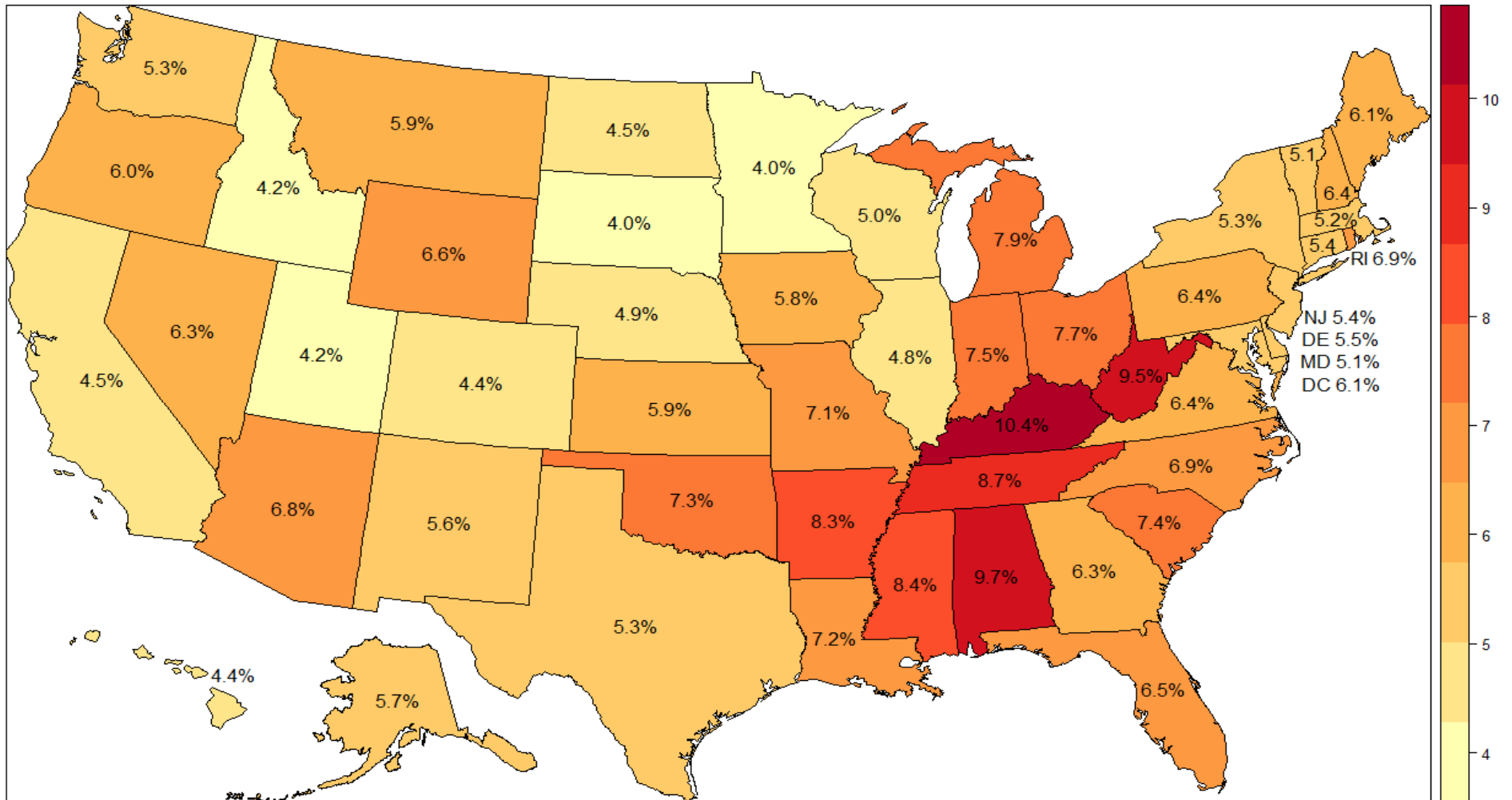
\* Rates are percentages and age-adjusted to the 2000 US standard population.

**COPD Death Rates\* and Counts by State and Gender, 2013**

State	Male		Female		Total	
	Rate	Count	Rate	Count	Rate	Count
Alabama	68.1	1,547	44.9	1,454	54.0	3,001
Alaska	39.2	91	33.9	93	36.0	184
Arizona	45.4	1,553	39.6	1,694	42.1	3,247
Arkansas	68.6	1,018	52.7	1,036	59.0	2,054
California	38.7	6,235	31.0	6,953	34.2	13,188
Colorado	52.4	1,115	39.6	1,131	44.9	2,246
Connecticut	31.2	568	27.8	744	28.8	1,312
Delaware	44.0	204	40.8	265	42.1	469
District of Columbia	28.1	66	21.2	77	23.9	143
Florida	42.7	5,299	36.3	5,892	39.1	11,191
Georgia	52.2	1,963	39.4	2,108	44.4	4,071
Hawaii	18.5	140	11.1	115	14.2	255
Idaho	50.0	389	42.2	396	45.3	785
Illinois	44.0	2,509	33.8	2,831	37.9	5,340
Indiana	65.9	1,990	52.1	2,207	57.5	4,197
Iowa	56.5	927	40.8	929	46.8	1,856
Kansas	56.7	794	44.2	847	49.3	1,641
Kentucky	73.3	1,507	58.1	1,644	63.9	3,151
Louisiana	53.9	1,074	41.0	1,144	46.2	2,218
Maine	57.1	445	41.2	439	47.8	884
Maryland	34.3	873	29.8	1,107	31.4	1,980
Massachusetts	33.2	1,077	29.4	1,428	30.9	2,505
Michigan	51.5	2,559	41.7	2,870	45.6	5,429
Minnesota	40.6	1,048	32.7	1,160	35.8	2,208
Mississippi	65.5	859	44.2	835	52.3	1,694
Missouri	57.8	1,748	48.3	1,997	52.0	3,745
Montana	50.9	292	48.6	339	49.2	631
Nebraska	58.3	525	38.8	482	46.6	1,007
Nevada	52.6	662	53.6	793	53.1	1,455
New Hampshire	42.0	282	40.6	373	41.1	655
New Jersey	31.9	1,312	28.5	1,799	29.7	3,111
New Mexico	48.8	499	40.9	540	44.2	1,039
New York	33.6	3,083	26.9	3,744	29.4	6,827
North Carolina	51.3	2,271	41.4	2,604	45.2	4,875
North Dakota	46.4	168	31.3	157	37.6	325
Ohio	54.7	3,210	44.8	3,667	48.7	6,877
Oklahoma	67.4	1,250	56.9	1,380	61.1	2,630
Oregon	46.0	944	38.7	1,023	41.6	1,967
Pennsylvania	44.2	3,073	34.3	3,486	38.2	6,559
Rhode Island	37.5	204	31.8	261	34.0	465
South Carolina	57.7	1,309	44.2	1,386	49.6	2,695
South Dakota	47.1	208	33.1	198	38.3	406
Tennessee	59.2	1,806	48.1	2,036	52.3	3,842
Texas	47.2	4,562	37.8	5,025	41.6	9,587
Utah	39.0	396	23.7	291	30.6	687
Vermont	51.6	172	37.6	173	43.0	345
Virginia	41.1	1,453	33.2	1,641	36.3	3,094
Washington	42.8	1,372	35.1	1,474	38.2	2,846
West Virginia	73.6	775	56.4	785	63.2	1,560
Wisconsin	44.5	1,289	35.8	1,425	39.1	2,714
Wyoming	70.4	192	57.7	190	62.3	382
United States	46.6	68,907	37.4	76,668	41.1	145,575

\* Rates are cases per 100,000 population and age-adjusted to the 2000 US standard population.

## COPD Prevalence in Adults by State, 2013 <sup>(1,2)</sup>



Source: Centers for Disease Control and Prevention. National Center for Health Statistics. Behavioral Risk Factor Surveillance System, 2013. 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.