COPD in the United States: How is Your State Doing?

ARKANSAS

8.5% of adults have been diagnosed with COPD (prevalence)²

211,800 adults have been diagnosed with COPD (incidence)²

59.5 people out of every 100,000 die per year³

$295 million is the annual cost for treatment⁴

Arkansas has higher than average COPD prevalence, death, hospitalization and overall smoking rates but the readmission rate is slightly lower than average. It has a lower than average influenza vaccination rate and a higher than average pneumonia vaccination rate for people with COPD.

A Look at COPD by State: 10 Key Metrics¹

States grouped based on performance in 10 key areas, 5 being worst and 1 being best.

Arkansas has a higher burden of COPD indicating there is significant room for improvement.

Higher Proportions of Women than Men have COPD²

9.7% 7.4%

Vaccinations⁵

46.6% have had the flu shot

70.1% have had the pneumonia shot

Hospitalizations

4,271 Medicare hospitalizations⁵

$3,170 per Medicare beneficiary with COPD⁴

22.7% 30-day COPD readmission rate⁶

COPD and Chronic Diseases

Asthma, cardiovascular disease, depression and diabetes all have high prevalence rates in the COPD population, making earlier diagnosis, education and optimal treatment even more important.²

<table>
<thead>
<tr>
<th>Chronic Disease</th>
<th>Arkansas</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>45.1%</td>
<td>46.8%</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>25.2%</td>
<td>20.5%</td>
</tr>
<tr>
<td>Depression</td>
<td>16.5%</td>
<td>17.8%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>44.0%</td>
<td>54.9%</td>
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</tbody>
</table>

Individuals in Arkansas with incomes less than $15,000 are

4.8x more likely to have COPD than those with incomes greater than $50,000⁷

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1. The 10 key metrics included age-adjusted COPD prevalence,² hospitalizations and emergency department visits,² prevalence of comorbidities among COPD patients,² influenza and pneumococcal vaccinations² and smoking prevalences² per capita medical cost² and the number of COPD patients per pulmonary rehabilitation program.² Behavioral Risk Factor Surveillance System, 2014-2015. ²Centers for Disease Control and Prevention WONDER, 2014-2015. ²The 2006-2010 Medical Expenditures Panel Survey. ²Chronic Disease Indicators Data, 2016. ³Centers from Medicare and Medicaid Services Chronic Condition Data Warehouse, 2015. ⁴The American Association of Cardiovascular and Pulmonary Rehabilitation Pulmonary Rehabilitation Directory, 2018. To view data collected for all states visit www.journal.copdfoundation.org.