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

**SOUTH CAROLINA**

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

- **6.7%** of adults have been diagnosed with COPD (prevalence)²
- **278,300** adults have been diagnosed with COPD (incidence)²
- **47.5** people out of every 100,000 die per year³
- **$509** million is the annual cost for treatment⁴

**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.

- **5** 4.5+  
- **4** 3.5 - <4.4  
- **3** 2.5 - <3.4  
- **2** 1.5 - <2.4  
- **1** 1 - <1.4

**Higher Proportions of Women than Men have COPD²**

<table>
<thead>
<tr>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.9%</td>
<td>5.5%</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Condition</th>
<th>South Carolina</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>41.7%</td>
<td>46.6%</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>20.6%</td>
<td>20.5%</td>
</tr>
<tr>
<td>Depression</td>
<td>44.0%</td>
<td>48.6%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>20.0%</td>
<td>17.8%</td>
</tr>
</tbody>
</table>

**By the Numbers – COPD in South Carolina**

- **5,721** Medicare hospitalizations⁵
- **$3,090** per Medicare beneficiary with COPD⁴
- **22.3%** 30-day COPD readmission rate⁶

**Vaccinations⁵**

- 53.6% have had the flu shot
- 61.8% have had the pneumonia shot

**Individuals in South Carolina with incomes less than $15,000 are 5.4x more likely to have COPD than those with incomes greater than $50,000⁷**

**Change starts with empowering individuals, families and the healthcare community to prevent the disease, diagnose it early and treat it appropriately. Find out more and get involved at www.copdfoundation.org.**

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¹The 10 key metrics included age-adjusted COPD prevalence,² hospitalizations and emergency department visits,³ age-adjusted COPD mortality rate,⁴ prevalence of comorbidities among COPD patients,² influenza and pneumococcal vaccinations² and smoking prevalences,⁵ per capita medical cost² and the number of COPD patients per pulmonary rehabilitation program.⁶ Behavioral Risk Factor Surveillance System, 2014-2015. ⁷Centers for Disease Control and Prevention WONDER, 2014-2015. ²The 2006-2010 Medical Expenditures Panel Survey. ³Chronic Disease Indicators Data, 2016. ⁴Centers from Medicare and Medicaid Services Chronic Condition Data Warehouse, 2015. ⁵The American Association of Cardiovascular and Pulmonary Rehabilitation Pulmonary Rehabilitation Directory, 2018. To view data collected for all states visit www.journal.copdfoundation.org.