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

By the Numbers – COPD in Virginia

5.7% of adults have been diagnosed with COPD (prevalence)^2
395,000 adults have been diagnosed with COPD (incidence)^2
34.8 people out of every 100,000 die per year^3
$879 million is the annual cost for treatment^4

VIRGINIA

Virginia has lower than average COPD prevalence, death and hospitalization rates, an average readmission rate and a higher than average overall smoking rate. It has a higher than average influenza vaccination rate and a lower than average pneumonia vaccination rate for people with COPD.

Higher Proportions of Women than Men have COPD^2

6.0% 5.4%

Vaccinations^5

53.3% have had the flu shot
64.0% have had the pneumonia shot

Hospitalizations

7,533 Medicare hospitalizations^5
$3,020 per Medicare beneficiary with COPD^4
23.4% 30-day COPD readmission rate^6

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.

COPD and Chronic Diseases

<table>
<thead>
<tr>
<th>Disease</th>
<th>US Prevalence</th>
<th>Virginia Prevalence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>46.0%</td>
<td>46.6%</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>20.5%</td>
<td>20.8%</td>
</tr>
<tr>
<td>Depression</td>
<td>44.0%</td>
<td>45.5%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>17.8%</td>
<td>17.4%</td>
</tr>
</tbody>
</table>

Individuals in Virginia with incomes less than $15,000 are 4.1x more likely to have COPD than those with incomes greater than $50,000^6

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1The 10 key metrics included age-adjusted COPD prevalence,^7 hospitalizations and emergency department visits,^8 age-adjusted COPD mortality rate,^3 prevalence of comorbidities among COPD patients,^2 influenza and pneumococcal vaccinations,^9 and smoking prevalences,^2 per capita medical cost,^4 and the number of COPD patients per pulmonary rehabilitation program.^10 Behavioral Risk Factor Surveillance System, 2014-2015. ^11 Centers for Disease Control and Prevention WONDER, 2014-2015. ^12 Centers from Medicare and Medicaid Services Chronic Condition Data Warehouse, 2015. ^13 The American Association of Cardiovascular and Pulmonary Rehabilitation Pulmonary Rehabilitation Directory, 2018. To view data collected for all states visit www.journal.copdfoundation.org.

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.