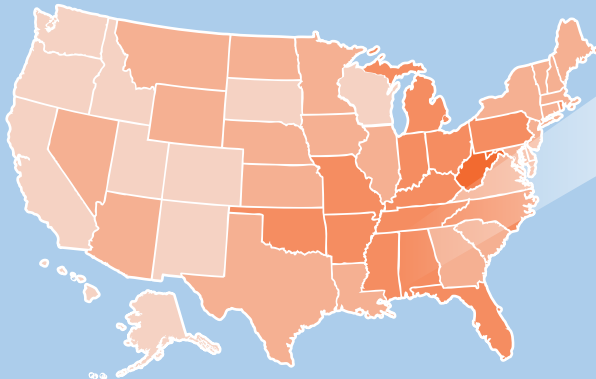


COPD in the United States: *How is Your State Doing?*

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.



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

ALABAMA

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

By the Numbers – COPD in Alabama

9.7% of adults have been diagnosed with COPD (prevalence)²

386,700 adults have been diagnosed with COPD (incidence)²

53.7 people out of every 100,000 die per year³

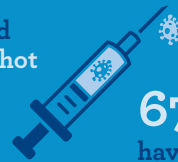
\$543 million is the annual cost for treatment⁴

Higher Proportions of Women than Men have COPD²



Vaccinations⁵

46.0% have had the flu shot



67.3% have had the pneumonia shot

Hospitalizations

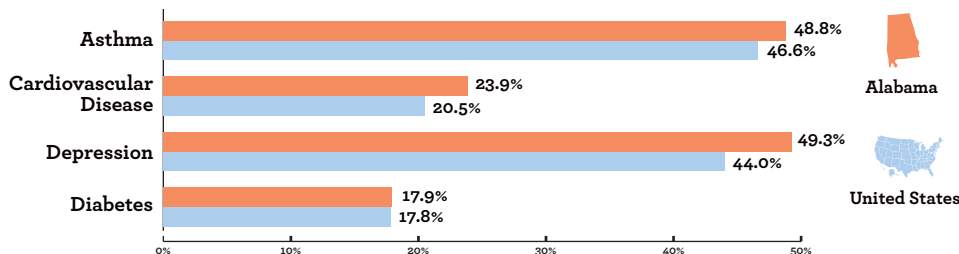
7,693 Medicare hospitalizations⁵

\$3,110 per Medicare beneficiary with COPD⁴

22.0% 30-day COPD readmission rate⁶

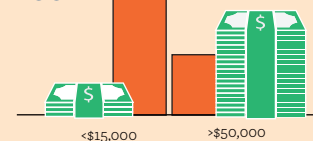
COPD and Chronic Diseases

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



Individuals in Alabama with incomes less than \$15,000 are

4.9x more likely to have COPD than those with incomes greater than \$50,000²



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.

¹The 10 key metrics included age-adjusted COPD prevalence,² hospitalizations and emergency department visits,^{3,6} age-adjusted COPD mortality rate,³ prevalence of comorbidities among COPD patients,² influenza and pneumococcal vaccinations⁵ and smoking prevalences,² per capita medical cost,⁴ and the number of COPD patients per pulmonary rehabilitation program.^{2,7} ²Behavioral Risk Factor Surveillance System, 2014-2015. ³Centers for Disease Control and Prevention WONDER, 2014-2015. ⁴The 2006-2010 Medical Expenditures Panel Survey. ⁵Chronic Disease Indicators Data, 2016. ⁶Centers from Medicare and Medicaid Services Chronic Condition Data Warehouse, 2015. ⁷The American Association of Cardiovascular and Pulmonary Rehabilitation Pulmonary Rehabilitation Directory, 2018. To view data collected for all states visit www.journal.copdfoundation.org.