

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.





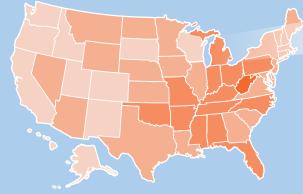








4 2.5 - <3.4 1.5 - <2.4 1 - <1.4



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

MICHIGAN

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



By the Numbers - COPD in Michigan

7.5% of adults have been diagnosed with COPD (prevalence)²

632,400 adults have been diagnosed with COPD (incidence)²

44.7 people out of every 100,000 die per year³

\$1.36 billion is the annual cost for treatment

Higher Proportions of Women than Men have COPD²





Vaccinations⁵

50.1%
have had the flu shot

65.3%
have had the pneumonia shot

Hospitalizations



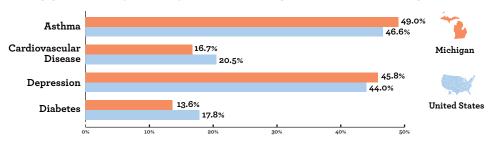
\$3,170

per Medicare beneficiary with COPD⁴ 24.3%
30-day COPD readmission

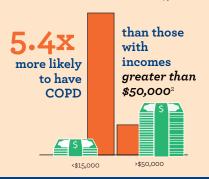
rate

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 Michigan with incomes less than \$15,000 are



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.



Take Action Today. Breathe Better Tomorrow.

¹The 10 key metrics included age-adjusted COPD prevalence,² hospitalizations and emergency department visits,^{5,6} age-adjusted COPD mortality rate,³ prevalence of comorbidities among COPD patients,² influenza and pneumococcal vaccinations⁶ and smoking prevalences,² per capita medical cost,⁴ and the number of COPD patients per pulmonary rehabilitation program.²¹ ¹Behavioral Risk Factor Surveillance System, 2014-2015. ³Centers for Disease Control and Prevention WONDER, 2014-2015.⁴The 2006-2010 Medical Expenditures Panel Survey. °Chronic Disease Indicators Data, 2016. °Centers from Medicare and Medicaid Services Chronic Condition Data Warehouse, 2015. ¹The American Association of Cardiovascular and Pulmonary Rehabilitation Pulmonary Rehabilitation Directory, 2018. To view data collected for all states visit www.journal.copdfoundation.org.